Prime Decomposition

- Michael Winter, October 2006, Charlottesville, Virginia

Prime Decomposition – Meta-Score

This piece is infinite in its possible realizations, hopefully encouraging many to articulate one.
The idea is autonomous.

The music comprises one or more voices.

Each voice comprises a sequence of tones over time such that:

1) The sounding durations of successive tones are generated by a mathematically calculable, possibly continuous, function.
2) The durations of silence between successive tones are generated by a mathematically calculable, possibly continuous, function.
3) The dynamic and amplitude envelope for each successive tone is equal (constant).
4) If any of these characteristics differ between voices, each voice should be perceived as materially equivalent.
5) For frequency:
    1. Select a frequency to represent unity, 1/1 (the reference fundamental).
    2. After unity, iterate through the set of prime factors of both the numerator and denominator of any mathematically calculable infinite, non-repeating sequence of frequency ratios to calculate the frequencies of successive tones. Reiteration of the fundamental is possible.
        a) If the numerator has a different amount of prime factors than the denominator, then the number that has less should be set to 1 for the further calculations. For example:
        $$\frac{105}{1} = \frac{1}{1} \bullet \frac{3}{1} \bullet \frac{5}{1} \bullet \frac{7}{1} \text{ or } \frac{111}{90} = \frac{1}{1} \bullet \frac{3}{2} \bullet \frac{37}{3} \bullet \frac{1}{5}$$
        (Includes unity.)
        b) Order of prime factors may be arbitrary or calculable. If calculable, use the same or similar procedure throughout. For example:
        $$\frac{111}{90} = \frac{1}{1} \bullet \frac{3}{2} \bullet \frac{37}{3} \bullet \frac{1}{5} = \frac{1}{1} \bullet \frac{37}{2} \bullet \frac{3}{5} \bullet \frac{1}{3}$$
        c) Octave complements can be considered operationally equivalent and assume octave equivalence, i.e. pitch class may be transposed into any octave. For example:
        $$\frac{3}{2} \bullet \frac{3}{2} = \frac{3}{2} \bullet \frac{4}{3} = \frac{3}{1} \bullet \frac{3}{2}$$
        d) After the prime factors are iterated through, one may retrograde (iterate through the inverse frequency ratios of the prime factor set) in any arbitrary or calculable order.
6) The relationship between the unities of the different voices should be rational.

Prime Decomposition – Meta-Score *continued*
with Implied Statements and Musical Examples

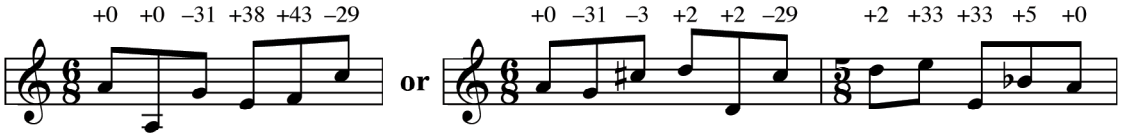
For the title, prepend the words, "Prime Decomposition," to a list of the functions used to determine the parameters of the piece and to which parameter each function applies, or, just a numeric encryption of your name.

Implied:

1) Any realization may be played in part.
2) Any realization may be played with another realization.
3) The documentation/score of a realization should accurately represent the open parameters that have not been calculated.
4) Let the idea be sonified and perceptible.

Musical Examples:

1) Factor 38318:
   38318 = 2•7•7•23•17
   †Interval Sequence =
   $(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^2 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1$
   Possibilities documented in a more traditional notation (fund = 440 Hz = A3):

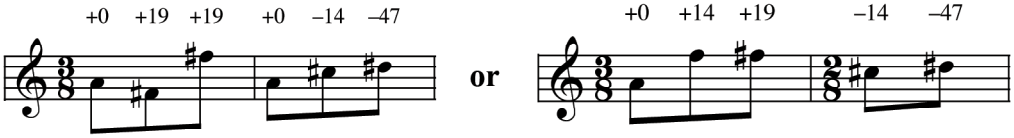


- 2nd example includes retrograde.

2) Factor $\frac{34}{5}, \frac{35}{6}$:

$$\frac{34}{5} = \frac{17}{5} \bullet \frac{2}{1} = \frac{2}{5} \bullet \frac{17}{1}, \qquad \frac{35}{6} = \frac{5}{3} \bullet \frac{7}{2} = \frac{5}{2} \bullet \frac{7}{3}$$

   †Possible Interval Sequences =
   $(1) + \updownarrow 8ve(uni)^1 + \uparrow M6_{+19}(\downarrow m3_{-19})^1, (1) + \uparrow M6_{-16}(\downarrow m3_{+16})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 =$
   $(1) + \updownarrow 8ve(uni)^1 + \uparrow M6_{+19}(\downarrow m3_{-19})^1, (1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M2_{-33}(\downarrow m7_{+33})^1 =$
   $(1) + \uparrow m6_{+14}(\downarrow M3_{-14})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1, (1) + \uparrow M6_{-16}(\downarrow m3_{+16})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 =$
   $(1) + \uparrow m6_{+14}(\downarrow M3_{-14})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1, (1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M2_{-33}(\downarrow m7_{+33})^1$
   Possibilities documented in a more traditional notation (fund = 440 Hz = A3):



- 2nd example does not reiterate unity.

Prime Decomposition

Description of the Notation Implemented in Musical Examples of Meta-Score and First Documented Realization of the Piece

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† Description of this Notation. Also Implemented in the First Documented Realization, **Prime Decomposition 37643147223235242636859284 2**:

- (1) indicates unity.
- Arrows indicate direction.
- An interval in parenthesis indicates the octave complement of the preceding interval.
- Subscripts indicate cent deviation.
- Superscripts indicate number of times that interval occurs.

  Note - Order of intervals/prime factors does not matter.
- In **Prime Decomposition 37643147223235242636859284 2**, these descriptions apply to the bold and highlighted interval set (this extra formatting has been done in a word editor). Also given, are the factors, written as multiples to the left of the equal sign of the highlighted set, and a destination interval in relation to unity, written to the right of the highlighted set (the interval from unity that is the sum of all the factors/highlighted intervals.
- Only the bold/highlighted set of intervals is performed, the other information is just given as auxiliary documentation.
- Cent Deviations are rounded to the nearest cent for space concerns. In the first realizations, as the numbers grow large enough, the difference between the destination intervals from unity (documented after the highlighted sets) of successive decompositions becomes smaller. So small, that it seems there is no change. For example:

  $4448 = 2^5 \bullet 139^1 = \mathbf{(1) + \updownarrow 8ve(uni)^5 + \uparrow m2_{+43}(\downarrow M7_{-43})^1} = (1) + \uparrow m2_{+43}(\downarrow M7_{-43})$

  $4449 = 3^1 \bullet 1483^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{+41}(\downarrow tt_{-41})^1} = (1) + \uparrow m2_{+43}(\downarrow M7_{-43})$

  However, one can calculate the intervals to more decimal places. For example:

  $1200 \bullet \mathrm{Log}_2(4448) \bmod 1200 = 142.729 = (1) + \uparrow m2_{+42.729}(\downarrow M7_{-42.729})$

  $1200 \bullet \mathrm{Log}_2(4449) \bmod 1200 = 143.118 = (1) + \uparrow m2_{+43.118}(\downarrow M7_{-43.118})$

- *As new realizations and tools are created, they will either be included with the score or obtainable otherwise.*
- *A special thanks to Jon King and Larry Polansky for helping with revisions.*

- Michael Winter, October 2006, Charlottesville, Virginia

Prime Decomposition 37643147223235242636859284 2

Notation description and interpretation attached to meta-score.
Java notation generator is either included or can be obtained.

$2 = 2^{1} = \mathbf{(1) + \updownarrow 8ve(uni)}$

$3 = 3^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})}$

$4 = 2^{2} = \mathbf{(1) + \updownarrow 8ve(uni)}^{\mathbf{2}} = (1) + \updownarrow 8ve(uni)$

$5 = 5^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})}$

$6 = 2^{1} \bullet 3^{1} = \mathbf{(1) + \updownarrow 8ve(uni)}^{\mathbf{1}} \mathbf{+ \uparrow P5_{+2}(\downarrow P4_{-2})}^{\mathbf{1}} = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})$

$7 = 7^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})}$

$8 = 2^{3} = \mathbf{(1) + \updownarrow 8ve(uni)}^{\mathbf{3}} = (1) + \updownarrow 8ve(uni)$

$9 = 3^{2} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})}^{\mathbf{2}} = (1) + \uparrow M2_{+4}(\downarrow m7_{-4})$

$10 = 2^{1} \bullet 5^{1} = \mathbf{(1) + \updownarrow 8ve(uni)}^{\mathbf{1}} \mathbf{+ \uparrow M3_{-14}(\downarrow m6_{+14})}^{\mathbf{1}} = (1) + \uparrow M3_{-14}(\downarrow m6_{+14})$

$11 = 11^{1} = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})}$

$12 = 2^{2} \bullet 3^{1} = \mathbf{(1) + \updownarrow 8ve(uni)}^{\mathbf{2}} \mathbf{+ \uparrow P5_{+2}(\downarrow P4_{-2})}^{\mathbf{1}} = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})$

$13 = 13^{1} = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})}$

$14 = 2^{1} \bullet 7^{1} = \mathbf{(1) + \updownarrow 8ve(uni)}^{\mathbf{1}} \mathbf{+ \uparrow m7_{-31}(\downarrow M2_{+31})}^{\mathbf{1}} = (1) + \uparrow m7_{-31}(\downarrow M2_{+31})$

$15 = 3^{1} \bullet 5^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})}^{\mathbf{1}} \mathbf{+ \uparrow M3_{-14}(\downarrow m6_{+14})}^{\mathbf{1}} = (1) + \uparrow M7_{-12}(\downarrow m2_{+12})$

$16 = 2^{4} = \mathbf{(1) + \updownarrow 8ve(uni)}^{\mathbf{4}} = (1) + \updownarrow 8ve(uni)$

$17 = 17^{1} = \mathbf{(1) + \uparrow m2_{+5}(\downarrow M7_{-5})}$

$18 = 2^{1} \bullet 3^{2} = \mathbf{(1) + \updownarrow 8ve(uni)}^{\mathbf{1}} \mathbf{+ \uparrow P5_{+2}(\downarrow P4_{-2})}^{\mathbf{2}} = (1) + \uparrow M2_{+4}(\downarrow m7_{-4})$

$19 = 19^{1} = \mathbf{(1) + \uparrow m3_{-2}(\downarrow M6_{+2})}$

$20 = 2^{2} \bullet 5^{1} = \mathbf{(1) + \updownarrow 8ve(uni)}^{\mathbf{2}} \mathbf{+ \uparrow M3_{-14}(\downarrow m6_{+14})}^{\mathbf{1}} = (1) + \uparrow M3_{-14}(\downarrow m6_{+14})$

$21 = 3^{1} \bullet 7^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})}^{\mathbf{1}} \mathbf{+ \uparrow m7_{-31}(\downarrow M2_{+31})}^{\mathbf{1}} = (1) + \uparrow P4_{-29}(\downarrow P5_{+29})$

$22 = 2^{1} \bullet 11^{1} = \mathbf{(1) + \updownarrow 8ve(uni)}^{\mathbf{1}} \mathbf{+ \uparrow tt_{-49}(\downarrow tt_{+49})}^{\mathbf{1}} = (1) + \uparrow tt_{-49}(\downarrow tt_{+49})$

$23 = 23^{1} = \mathbf{(1) + \uparrow tt_{+28}(\downarrow tt_{-28})}$

$24 = 2^{3} \bullet 3^{1} = \mathbf{(1) + \updownarrow 8ve(uni)}^{\mathbf{3}} \mathbf{+ \uparrow P5_{+2}(\downarrow P4_{-2})}^{\mathbf{1}} = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})$

$25 = 5^{2} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})}^{\mathbf{2}} = (1) + \uparrow m6_{-27}(\downarrow M3_{+27})$

$26 = 2^{1} \bullet 13^{1} = \mathbf{(1) + \updownarrow 8ve(uni)}^{\mathbf{1}} \mathbf{+ \uparrow m6_{+41}(\downarrow M3_{-41})}^{\mathbf{1}} = (1) + \uparrow m6_{+41}(\downarrow M3_{-41})$

$27 = 3^{3} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})}^{\mathbf{3}} = (1) + \uparrow M6_{+6}(\downarrow m3_{-6})$

$28 = 2^{2} \bullet 7^{1} = \mathbf{(1) + \updownarrow 8ve(uni)}^{\mathbf{2}} \mathbf{+ \uparrow m7_{-31}(\downarrow M2_{+31})}^{\mathbf{1}} = (1) + \uparrow m7_{-31}(\downarrow M2_{+31})$

$29 = 29^{1} = \mathbf{(1) + \uparrow m7_{+30}(\downarrow M2_{-30})}$

$30 = 2^{1} \bullet 3^{1} \bullet 5^{1} = \mathbf{(1) + \updownarrow 8ve(uni)}^{\mathbf{1}} \mathbf{+ \uparrow P5_{+2}(\downarrow P4_{-2})}^{\mathbf{1}} \mathbf{+ \uparrow M3_{-14}(\downarrow m6_{+14})}^{\mathbf{1}} = (1) + \uparrow M7_{-12}(\downarrow m2_{+12})$

$31 = 31^{1} = \mathbf{(1) + \uparrow M7_{+45}(\downarrow m2_{-45})}$

$32 = 2^{5} = \mathbf{(1) + \updownarrow 8ve(uni)}^{\mathbf{5}} = (1) + \updownarrow 8ve(uni)$

$33 = 3^{1} \bullet 11^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})}^{\mathbf{1}} \mathbf{+ \uparrow tt_{-49}(\downarrow tt_{+49})}^{\mathbf{1}} = (1) + \uparrow m2_{-47}(\downarrow M7_{+47})$

$34 = 2^{1} \bullet 17^{1} = \mathbf{(1) + \updownarrow 8ve(uni)}^{\mathbf{1}} \mathbf{+ \uparrow m2_{+5}(\downarrow M7_{-5})}^{\mathbf{1}} = (1) + \uparrow m2_{+5}(\downarrow M7_{-5})$

$35 = 5^{1} \bullet 7^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})}^{\mathbf{1}} \mathbf{+ \uparrow m7_{-31}(\downarrow M2_{+31})}^{\mathbf{1}} = (1) + \uparrow M2_{-45}(\downarrow m7_{+45})$

$36 = 2^{2} \bullet 3^{2} = \mathbf{(1) + \updownarrow 8ve(uni)}^{\mathbf{2}} \mathbf{+ \uparrow P5_{+2}(\downarrow P4_{-2})}^{\mathbf{2}} = (1) + \uparrow M2_{+4}(\downarrow m7_{-4})$

$37 = 37^{1} = \mathbf{(1) + \uparrow m3_{-49}(\downarrow M6_{+49})}$

$38 = 2^{1} \bullet 19^{1} = \mathbf{(1) + \updownarrow 8ve(uni)}^{\mathbf{1}} \mathbf{+ \uparrow m3_{-2}(\downarrow M6_{+2})}^{\mathbf{1}} = (1) + \uparrow m3_{-2}(\downarrow M6_{+2})$

$39 = 3^{1} \bullet 13^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})}^{\mathbf{1}} \mathbf{+ \uparrow m6_{+41}(\downarrow M3_{-41})}^{\mathbf{1}} = (1) + \uparrow m3_{+42}(\downarrow M6_{-42})$

$40 = 2^3 \bullet 5^1 = (1) + \updownarrow 8ve(uni)^3 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 = (1) + \uparrow M3_{-14}(\downarrow m6_{+14})$

$41 = 41^1 = (1) + \uparrow M3_{+29}(\downarrow m6_{-29})$

$42 = 2^1 \bullet 3^1 \bullet 7^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 = (1) + \uparrow P4_{-29}(\downarrow P5_{+29})$

$43 = 43^1 = (1) + \uparrow P4_{+12}(\downarrow P5_{-12})$

$44 = 2^2 \bullet 11^1 = (1) + \updownarrow 8ve(uni)^2 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 = (1) + \uparrow tt_{-49}(\downarrow tt_{+49})$

$45 = 3^2 \bullet 5^1 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 = (1) + \uparrow tt_{-10}(\downarrow tt_{+10})$

$46 = 2^1 \bullet 23^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1 = (1) + \uparrow tt_{+28}(\downarrow tt_{-28})$

$47 = 47^1 = (1) + \uparrow P5_{-34}(\downarrow P4_{+34})$

$48 = 2^4 \bullet 3^1 = (1) + \updownarrow 8ve(uni)^4 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})$

$49 = 7^2 = (1) + \uparrow m7_{-31}(\downarrow M2_{+31})^2 = (1) + \uparrow P5_{+38}(\downarrow P4_{-38})$

$50 = 2^1 \bullet 5^2 = (1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^2 = (1) + \uparrow m6_{-27}(\downarrow M3_{+27})$

$51 = 3^1 \bullet 17^1 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 = (1) + \uparrow m6_{+7}(\downarrow M3_{-7})$

$52 = 2^2 \bullet 13^1 = (1) + \updownarrow 8ve(uni)^2 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 = (1) + \uparrow m6_{+41}(\downarrow M3_{-41})$

$53 = 53^1 = (1) + \uparrow M6_{-26}(\downarrow m3_{+26})$

$54 = 2^1 \bullet 3^3 = (1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^3 = (1) + \uparrow M6_{+6}(\downarrow m3_{-6})$

$55 = 5^1 \bullet 11^1 = (1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 = (1) + \uparrow M6_{+38}(\downarrow m3_{-38})$

$56 = 2^3 \bullet 7^1 = (1) + \updownarrow 8ve(uni)^3 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 = (1) + \uparrow m7_{-31}(\downarrow M2_{+31})$

$57 = 3^1 \bullet 19^1 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 = (1) + \uparrow m7_{-1}(\downarrow M2_{+1})$

$58 = 2^1 \bullet 29^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1 = (1) + \uparrow m7_{+30}(\downarrow M2_{-30})$

$59 = 59^1 = (1) + \uparrow M7_{-41}(\downarrow m2_{+41})$

$60 = 2^2 \bullet 3^1 \bullet 5^1 = (1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 = (1) + \uparrow M7_{-12}(\downarrow m2_{+12})$

$61 = 61^1 = (1) + \uparrow M7_{+17}(\downarrow m2_{-17})$

$62 = 2^1 \bullet 31^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow M7_{+45}(\downarrow m2_{-45})^1 = (1) + \uparrow M7_{+45}(\downarrow m2_{-45})$

$63 = 3^2 \bullet 7^1 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 = (1) + \uparrow 8ve_{-27}(\downarrow uni_{+27})$

$64 = 2^6 = (1) + \updownarrow 8ve(uni)^6 = (1) + \updownarrow 8ve(uni)$

$65 = 5^1 \bullet 13^1 = (1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 = (1) + \uparrow uni_{+27}(\downarrow 8ve_{-27})$

$66 = 2^1 \bullet 3^1 \bullet 11^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 = (1) + \uparrow m2_{-47}(\downarrow M7_{+47})$

$67 = 67^1 = (1) + \uparrow m2_{-21}(\downarrow M7_{+21})$

$68 = 2^2 \bullet 17^1 = (1) + \updownarrow 8ve(uni)^2 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 = (1) + \uparrow m2_{+5}(\downarrow M7_{-5})$

$69 = 3^1 \bullet 23^1 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1 = (1) + \uparrow m2_{+30}(\downarrow M7_{-30})$

$70 = 2^1 \bullet 5^1 \bullet 7^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 = (1) + \uparrow M2_{-45}(\downarrow m7_{+45})$

$71 = 71^1 = (1) + \uparrow M2_{-20}(\downarrow m7_{+20})$

$72 = 2^3 \bullet 3^2 = (1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 = (1) + \uparrow M2_{+4}(\downarrow m7_{-4})$

$73 = 73^1 = (1) + \uparrow M2_{+28}(\downarrow m7_{-28})$

$74 = 2^1 \bullet 37^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow m3_{-49}(\downarrow M6_{+49})^1 = (1) + \uparrow m3_{-49}(\downarrow M6_{+49})$

$75 = 3^1 \bullet 5^2 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^2 = (1) + \uparrow m3_{-25}(\downarrow M6_{+25})$

$76 = 2^2 \bullet 19^1 = (1) + \updownarrow 8ve(uni)^2 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 = (1) + \uparrow m3_{-2}(\downarrow M6_{+2})$

$77 = 7^1 \bullet 11^1 = (1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 = (1) + \uparrow m3_{+20}(\downarrow M6_{-20})$

$78 = 2^1 \bullet 3^1 \bullet 13^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 = (1) + \uparrow m3_{+42}(\downarrow M6_{-42})$

$79 = 79^1 = (1) + \uparrow M3_{-35}(\downarrow m6_{+35})$

$80 = 2^4 \bullet 5^1 = (1) + \updownarrow 8ve(uni)^4 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 = (1) + \uparrow M3_{-14}(\downarrow m6_{+14})$

$81 = 3^4 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^4 = (1) + \uparrow M3_{+8}(\downarrow m6_{-8})$

$82 = 2^1 \bullet 41^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{+29}(\downarrow m6_{-29})^1} = (1) + \uparrow M3_{+29}(\downarrow m6_{-29})$

$83 = 83^1 = \mathbf{(1) + \uparrow P4_{-50}(\downarrow P5_{+50})}$

$84 = 2^2 \bullet 3^1 \bullet 7^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1} = (1) + \uparrow P4_{-29}(\downarrow P5_{+29})$

$85 = 5^1 \bullet 17^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1} = (1) + \uparrow P4_{-9}(\downarrow P5_{+9})$

$86 = 2^1 \bullet 43^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P4_{+12}(\downarrow P5_{-12})^1} = (1) + \uparrow P4_{+12}(\downarrow P5_{-12})$

$87 = 3^1 \bullet 29^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1} = (1) + \uparrow P4_{+32}(\downarrow P5_{-32})$

$88 = 2^3 \bullet 11^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow tt_{-49}(\downarrow tt_{+49})^1} = (1) + \uparrow tt_{-49}(\downarrow tt_{+49})$

$89 = 89^1 = \mathbf{(1) + \uparrow tt_{-29}(\downarrow tt_{+29})}$

$90 = 2^1 \bullet 3^2 \bullet 5^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1} = (1) + \uparrow tt_{-10}(\downarrow tt_{+10})$

$91 = 7^1 \bullet 13^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1} = (1) + \uparrow tt_{+9}(\downarrow tt_{-9})$

$92 = 2^2 \bullet 23^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow tt_{+28}(\downarrow tt_{-28})^1} = (1) + \uparrow tt_{+28}(\downarrow tt_{-28})$

$93 = 3^1 \bullet 31^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M7_{+45}(\downarrow m2_{-45})^1} = (1) + \uparrow tt_{+47}(\downarrow tt_{-47})$

$94 = 2^1 \bullet 47^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{-34}(\downarrow P4_{+34})^1} = (1) + \uparrow P5_{-34}(\downarrow P4_{+34})$

$95 = 5^1 \bullet 19^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1} = (1) + \uparrow P5_{-16}(\downarrow P4_{+16})$

$96 = 2^5 \bullet 3^1 = \mathbf{(1) + \updownarrow 8ve(uni)^5 + \uparrow P5_{+2}(\downarrow P4_{-2})^1} = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})$

$97 = 97^1 = \mathbf{(1) + \uparrow P5_{+20}(\downarrow P4_{-20})}$

$98 = 2^1 \bullet 7^2 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^2} = (1) + \uparrow P5_{+38}(\downarrow P4_{-38})$

$99 = 3^2 \bullet 11^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow tt_{-49}(\downarrow tt_{+49})^1} = (1) + \uparrow m6_{-45}(\downarrow M3_{+45})$

$100 = 2^2 \bullet 5^2 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^2} = (1) + \uparrow m6_{-27}(\downarrow M3_{+27})$

$101 = 101^1 = \mathbf{(1) + \uparrow m6_{-10}(\downarrow M3_{+10})}$

$102 = 2^1 \bullet 3^1 \bullet 17^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1} = (1) + \uparrow m6_{+7}(\downarrow M3_{-7})$

$103 = 103^1 = \mathbf{(1) + \uparrow m6_{+24}(\downarrow M3_{-24})}$

$104 = 2^3 \bullet 13^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow m6_{+41}(\downarrow M3_{-41})^1} = (1) + \uparrow m6_{+41}(\downarrow M3_{-41})$

$105 = 3^1 \bullet 5^1 \bullet 7^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1} = (1) + \uparrow M6_{-43}(\downarrow m3_{+43})$

$106 = 2^1 \bullet 53^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M6_{-26}(\downarrow m3_{+26})^1} = (1) + \uparrow M6_{-26}(\downarrow m3_{+26})$

$107 = 107^1 = \mathbf{(1) + \uparrow M6_{-10}(\downarrow m3_{+10})}$

$108 = 2^2 \bullet 3^3 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^3} = (1) + \uparrow M6_{+6}(\downarrow m3_{-6})$

$109 = 109^1 = \mathbf{(1) + \uparrow M6_{+22}(\downarrow m3_{-22})}$

$110 = 2^1 \bullet 5^1 \bullet 11^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1} = (1) + \uparrow M6_{+38}(\downarrow m3_{-38})$

$111 = 3^1 \bullet 37^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m3_{-49}(\downarrow M6_{+49})^1} = (1) + \uparrow m7_{-47}(\downarrow M2_{+47})$

$112 = 2^4 \bullet 7^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow m7_{-31}(\downarrow M2_{+31})^1} = (1) + \uparrow m7_{-31}(\downarrow M2_{+31})$

$113 = 113^1 = \mathbf{(1) + \uparrow m7_{-16}(\downarrow M2_{+16})}$

$114 = 2^1 \bullet 3^1 \bullet 19^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1} = (1) + \uparrow m7_{-1}(\downarrow M2_{+1})$

$115 = 5^1 \bullet 23^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1} = (1) + \uparrow m7_{+15}(\downarrow M2_{-15})$

$116 = 2^2 \bullet 29^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m7_{+30}(\downarrow M2_{-30})^1} = (1) + \uparrow m7_{+30}(\downarrow M2_{-30})$

$117 = 3^2 \bullet 13^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m6_{+41}(\downarrow M3_{-41})^1} = (1) + \uparrow m7_{+44}(\downarrow M2_{-44})$

$118 = 2^1 \bullet 59^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M7_{-41}(\downarrow m2_{+41})^1} = (1) + \uparrow M7_{-41}(\downarrow m2_{+41})$

$119 = 7^1 \bullet 17^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1} = (1) + \uparrow M7_{-26}(\downarrow m2_{+26})$

$120 = 2^3 \bullet 3^1 \bullet 5^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1} = (1) + \uparrow M7_{-12}(\downarrow m2_{+12})$

$121 = 11^2 = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^2} = (1) + \uparrow M7_{+3}(\downarrow m2_{-3})$

$122 = 2^1 \bullet 61^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M7_{+17}(\downarrow m2_{-17})^1} = (1) + \uparrow M7_{+17}(\downarrow m2_{-17})$

$123 = 3^1 \bullet 41^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{+29}(\downarrow m6_{-29})^1} = (1) + \uparrow M7_{+31}(\downarrow m2_{-31})$

$124 = 2^2 \bullet 31^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M7_{+45}(\downarrow m2_{-45})^1} = (1) + \uparrow M7_{+45}(\downarrow m2_{-45})$

$125 = 5^3 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^3} = (1) + \uparrow 8ve_{-41}(\downarrow uni_{+41})$

$126 = 2^1 \bullet 3^2 \bullet 7^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m7_{-31}(\downarrow M2_{+31})^1} = (1) + \uparrow 8ve_{-27}(\downarrow uni_{+27})$

$127 = 127^1 = \mathbf{(1) + \uparrow 8ve_{-14}(\downarrow uni_{+14})}$

$128 = 2^7 = \mathbf{(1) + \updownarrow 8ve(uni)^7} = (1) + \updownarrow 8ve(uni)$

$129 = 3^1 \bullet 43^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow P4_{+12}(\downarrow P5_{-12})^1} = (1) + \uparrow uni_{+13}(\downarrow 8ve_{-13})$

$130 = 2^1 \bullet 5^1 \bullet 13^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1} = (1) + \uparrow uni_{+27}(\downarrow 8ve_{-27})$

$131 = 131^1 = \mathbf{(1) + \uparrow uni_{+40}(\downarrow 8ve_{-40})}$

$132 = 2^2 \bullet 3^1 \bullet 11^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1} = (1) + \uparrow m2_{-47}(\downarrow M7_{+47})$

$133 = 7^1 \bullet 19^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1} = (1) + \uparrow m2_{-34}(\downarrow M7_{+34})$

$134 = 2^1 \bullet 67^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m2_{-21}(\downarrow M7_{+21})^1} = (1) + \uparrow m2_{-21}(\downarrow M7_{+21})$

$135 = 3^3 \bullet 5^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow M3_{-14}(\downarrow m6_{+14})^1} = (1) + \uparrow m2_{-8}(\downarrow M7_{+8})$

$136 = 2^3 \bullet 17^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow m2_{+5}(\downarrow M7_{-5})^1} = (1) + \uparrow m2_{+5}(\downarrow M7_{-5})$

$137 = 137^1 = \mathbf{(1) + \uparrow m2_{+18}(\downarrow M7_{-18})}$

$138 = 2^1 \bullet 3^1 \bullet 23^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1} = (1) + \uparrow m2_{+30}(\downarrow M7_{-30})$

$139 = 139^1 = \mathbf{(1) + \uparrow m2_{+43}(\downarrow M7_{-43})}$

$140 = 2^2 \bullet 5^1 \bullet 7^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1} = (1) + \uparrow M2_{-45}(\downarrow m7_{+45})$

$141 = 3^1 \bullet 47^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow P5_{-34}(\downarrow P4_{+34})^1} = (1) + \uparrow M2_{-33}(\downarrow m7_{+33})$

$142 = 2^1 \bullet 71^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M2_{-20}(\downarrow m7_{+20})^1} = (1) + \uparrow M2_{-20}(\downarrow m7_{+20})$

$143 = 11^1 \bullet 13^1 = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1} = (1) + \uparrow M2_{-8}(\downarrow m7_{+8})$

$144 = 2^4 \bullet 3^2 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow P5_{+2}(\downarrow P4_{-2})^2} = (1) + \uparrow M2_{+4}(\downarrow m7_{-4})$

$145 = 5^1 \bullet 29^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1} = (1) + \uparrow M2_{+16}(\downarrow m7_{-16})$

$146 = 2^1 \bullet 73^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M2_{+28}(\downarrow m7_{-28})^1} = (1) + \uparrow M2_{+28}(\downarrow m7_{-28})$

$147 = 3^1 \bullet 7^2 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^2} = (1) + \uparrow M2_{+40}(\downarrow m7_{-40})$

$148 = 2^2 \bullet 37^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m3_{-49}(\downarrow M6_{+49})^1} = (1) + \uparrow m3_{-49}(\downarrow M6_{+49})$

$149 = 149^1 = \mathbf{(1) + \uparrow m3_{-37}(\downarrow M6_{+37})}$

$150 = 2^1 \bullet 3^1 \bullet 5^2 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^2} = (1) + \uparrow m3_{-25}(\downarrow M6_{+25})$

$151 = 151^1 = \mathbf{(1) + \uparrow m3_{-14}(\downarrow M6_{+14})}$

$152 = 2^3 \bullet 19^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow m3_{-2}(\downarrow M6_{+2})^1} = (1) + \uparrow m3_{-2}(\downarrow M6_{+2})$

$153 = 3^2 \bullet 17^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m2_{+5}(\downarrow M7_{-5})^1} = (1) + \uparrow m3_{+9}(\downarrow M6_{-9})$

$154 = 2^1 \bullet 7^1 \bullet 11^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1} = (1) + \uparrow m3_{+20}(\downarrow M6_{-20})$

$155 = 5^1 \bullet 31^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M7_{+45}(\downarrow m2_{-45})^1} = (1) + \uparrow m3_{+31}(\downarrow M6_{-31})$

$156 = 2^2 \bullet 3^1 \bullet 13^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1} = (1) + \uparrow m3_{+42}(\downarrow M6_{-42})$

$157 = 157^1 = \mathbf{(1) + \uparrow M3_{-46}(\downarrow m6_{+46})}$

$158 = 2^1 \bullet 79^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-35}(\downarrow m6_{+35})^1} = (1) + \uparrow M3_{-35}(\downarrow m6_{+35})$

$159 = 3^1 \bullet 53^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M6_{-26}(\downarrow m3_{+26})^1} = (1) + \uparrow M3_{-25}(\downarrow m6_{+25})$

$160 = 2^5 \bullet 5^1 = \mathbf{(1) + \updownarrow 8ve(uni)^5 + \uparrow M3_{-14}(\downarrow m6_{+14})^1} = (1) + \uparrow M3_{-14}(\downarrow m6_{+14})$

$161 = 7^1 \bullet 23^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1} = (1) + \uparrow M3_{-3}(\downarrow m6_{+3})$

$162 = 2^1 \bullet 3^4 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^4} = (1) + \uparrow M3_{+8}(\downarrow m6_{-8})$

$163 = 163^1 = \mathbf{(1) + \uparrow M3_{+18}(\downarrow m6_{-18})}$

$164 = 2^2 \bullet 41^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M3_{+29}(\downarrow m6_{-29})^1} = (1) + \uparrow M3_{+29}(\downarrow m6_{-29})$

$165 = 3^1 \bullet 5^1 \bullet 11^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1} = (1) + \uparrow M3_{+40}(\downarrow m6_{-40})$

$166 = 2^1 \bullet 83^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P4_{-50}(\downarrow P5_{+50})^1} = (1) + \uparrow P4_{-50}(\downarrow P5_{+50})$

$167 = 167^1 = \mathbf{(1) + \uparrow P4_{-40}(\downarrow P5_{+40})}$

$168 = 2^3 \bullet 3^1 \bullet 7^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1} = (1) + \uparrow P4_{-29}(\downarrow P5_{+29})$

$169 = 13^2 = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^2} = (1) + \uparrow P4_{-19}(\downarrow P5_{+19})$

$170 = 2^1 \bullet 5^1 \bullet 17^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1} = (1) + \uparrow P4_{-9}(\downarrow P5_{+9})$

$171 = 3^2 \bullet 19^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m3_{-2}(\downarrow M6_{+2})^1} = (1) + \uparrow P4_{+1}(\downarrow P5_{-1})$

$172 = 2^2 \bullet 43^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P4_{+12}(\downarrow P5_{-12})^1} = (1) + \uparrow P4_{+12}(\downarrow P5_{-12})$

$173 = 173^1 = \mathbf{(1) + \uparrow P4_{+22}(\downarrow P5_{-22})}$

$174 = 2^1 \bullet 3^1 \bullet 29^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1} = (1) + \uparrow P4_{+32}(\downarrow P5_{-32})$

$175 = 5^2 \bullet 7^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow m7_{-31}(\downarrow M2_{+31})^1} = (1) + \uparrow P4_{+41}(\downarrow P5_{-41})$

$176 = 2^4 \bullet 11^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow tt_{-49}(\downarrow tt_{+49})^1} = (1) + \uparrow tt_{-49}(\downarrow tt_{+49})$

$177 = 3^1 \bullet 59^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M7_{-41}(\downarrow m2_{+41})^1} = (1) + \uparrow tt_{-39}(\downarrow tt_{+39})$

$178 = 2^1 \bullet 89^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow tt_{-29}(\downarrow tt_{+29})^1} = (1) + \uparrow tt_{-29}(\downarrow tt_{+29})$

$179 = 179^1 = \mathbf{(1) + \uparrow tt_{-19}(\downarrow tt_{+19})}$

$180 = 2^2 \bullet 3^2 \bullet 5^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1} = (1) + \uparrow tt_{-10}(\downarrow tt_{+10})$

$181 = 181^1 = \mathbf{(1) + \uparrow tt_{+0}(\downarrow tt_{-0})}$

$182 = 2^1 \bullet 7^1 \bullet 13^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1} = (1) + \uparrow tt_{+9}(\downarrow tt_{-9})$

$183 = 3^1 \bullet 61^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M7_{+17}(\downarrow m2_{-17})^1} = (1) + \uparrow tt_{+19}(\downarrow tt_{-19})$

$184 = 2^3 \bullet 23^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow tt_{+28}(\downarrow tt_{-28})^1} = (1) + \uparrow tt_{+28}(\downarrow tt_{-28})$

$185 = 5^1 \bullet 37^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m3_{-49}(\downarrow M6_{+49})^1} = (1) + \uparrow tt_{+38}(\downarrow tt_{-38})$

$186 = 2^1 \bullet 3^1 \bullet 31^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M7_{+45}(\downarrow m2_{-45})^1} = (1) + \uparrow tt_{+47}(\downarrow tt_{-47})$

$187 = 11^1 \bullet 17^1 = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1} = (1) + \uparrow P5_{-44}(\downarrow P4_{+44})$

$188 = 2^2 \bullet 47^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{-34}(\downarrow P4_{+34})^1} = (1) + \uparrow P5_{-34}(\downarrow P4_{+34})$

$189 = 3^3 \bullet 7^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow m7_{-31}(\downarrow M2_{+31})^1} = (1) + \uparrow P5_{-25}(\downarrow P4_{+25})$

$190 = 2^1 \bullet 5^1 \bullet 19^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1} = (1) + \uparrow P5_{-16}(\downarrow P4_{+16})$

$191 = 191^1 = \mathbf{(1) + \uparrow P5_{-7}(\downarrow P4_{+7})}$

$192 = 2^6 \bullet 3^1 = \mathbf{(1) + \updownarrow 8ve(uni)^6 + \uparrow P5_{+2}(\downarrow P4_{-2})^1} = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})$

$193 = 193^1 = \mathbf{(1) + \uparrow P5_{+11}(\downarrow P4_{-11})}$

$194 = 2^1 \bullet 97^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+20}(\downarrow P4_{-20})^1} = (1) + \uparrow P5_{+20}(\downarrow P4_{-20})$

$195 = 3^1 \bullet 5^1 \bullet 13^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1} = (1) + \uparrow P5_{+29}(\downarrow P4_{-29})$

$196 = 2^2 \bullet 7^2 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m7_{-31}(\downarrow M2_{+31})^2} = (1) + \uparrow P5_{+38}(\downarrow P4_{-38})$

$197 = 197^1 = \mathbf{(1) + \uparrow P5_{+46}(\downarrow P4_{-46})}$

$198 = 2^1 \bullet 3^2 \bullet 11^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow tt_{-49}(\downarrow tt_{+49})^1} = (1) + \uparrow m6_{-45}(\downarrow M3_{+45})$

$199 = 199^1 = \mathbf{(1) + \uparrow m6_{-36}(\downarrow M3_{+36})}$

$200 = 2^3 \bullet 5^2 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow M3_{-14}(\downarrow m6_{+14})^2} = (1) + \uparrow m6_{-27}(\downarrow M3_{+27})$

$201 = 3^1 \bullet 67^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m2_{-21}(\downarrow M7_{+21})^1} = (1) + \uparrow m6_{-19}(\downarrow M3_{+19})$

$202 = 2^1 \bullet 101^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m6_{-10}(\downarrow M3_{+10})^1} = (1) + \uparrow m6_{-10}(\downarrow M3_{+10})$

$203 = 7^1 \bullet 29^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1} = (1) + \uparrow m6_{-2}(\downarrow M3_{+2})$

$204 = 2^2 \bullet 3^1 \bullet 17^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1} = (1) + \uparrow m6_{+7}(\downarrow M3_{-7})$

$205 = 5^1 \bullet 41^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M3_{+29}(\downarrow m6_{-29})^1} = (1) + \uparrow m6_{+15}(\downarrow M3_{-15})$

$206 = 2^1 \bullet 103^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m6_{+24}(\downarrow M3_{-24})^1} = (1) + \uparrow m6_{+24}(\downarrow M3_{-24})$

$207 = 3^2 \bullet 23^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow tt_{+28}(\downarrow tt_{-28})^1} = (1) + \uparrow m6_{+32}(\downarrow M3_{-32})$

$208 = 2^4 \bullet 13^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow m6_{+41}(\downarrow M3_{-41})^1} = (1) + \uparrow m6_{+41}(\downarrow M3_{-41})$

$209 = 11^1 \bullet 19^1 = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1} = (1) + \uparrow m6_{+49}(\downarrow M3_{-49})$

$210 = 2^1 \bullet 3^1 \bullet 5^1 \bullet 7^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1} = (1) + \uparrow M6_{-43}(\downarrow m3_{+43})$

$211 = 211^1 = \mathbf{(1) + \uparrow M6_{-35}(\downarrow m3_{+35})}$

$212 = 2^2 \bullet 53^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M6_{-26}(\downarrow m3_{+26})^1} = (1) + \uparrow M6_{-26}(\downarrow m3_{+26})$

$213 = 3^1 \bullet 71^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M2_{-20}(\downarrow m7_{+20})^1} = (1) + \uparrow M6_{-18}(\downarrow m3_{+18})$

$214 = 2^1 \bullet 107^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M6_{-10}(\downarrow m3_{+10})^1} = (1) + \uparrow M6_{-10}(\downarrow m3_{+10})$

$215 = 5^1 \bullet 43^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow P4_{+12}(\downarrow P5_{-12})^1} = (1) + \uparrow M6_{-2}(\downarrow m3_{+2})$

$216 = 2^3 \bullet 3^3 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{+2}(\downarrow P4_{-2})^3} = (1) + \uparrow M6_{+6}(\downarrow m3_{-6})$

$217 = 7^1 \bullet 31^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M7_{+45}(\downarrow m2_{-45})^1} = (1) + \uparrow M6_{+14}(\downarrow m3_{-14})$

$218 = 2^1 \bullet 109^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M6_{+22}(\downarrow m3_{-22})^1} = (1) + \uparrow M6_{+22}(\downarrow m3_{-22})$

$219 = 3^1 \bullet 73^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M2_{+28}(\downarrow m7_{-28})^1} = (1) + \uparrow M6_{+30}(\downarrow m3_{-30})$

$220 = 2^2 \bullet 5^1 \bullet 11^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1} = (1) + \uparrow M6_{+38}(\downarrow m3_{-38})$

$221 = 13^1 \bullet 17^1 = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1} = (1) + \uparrow M6_{+45}(\downarrow m3_{-45})$

$222 = 2^1 \bullet 3^1 \bullet 37^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m3_{-49}(\downarrow M6_{+49})^1} = (1) + \uparrow m7_{-47}(\downarrow M2_{+47})$

$223 = 223^1 = \mathbf{(1) + \uparrow m7_{-39}(\downarrow M2_{+39})}$

$224 = 2^5 \bullet 7^1 = \mathbf{(1) + \updownarrow 8ve(uni)^5 + \uparrow m7_{-31}(\downarrow M2_{+31})^1} = (1) + \uparrow m7_{-31}(\downarrow M2_{+31})$

$225 = 3^2 \bullet 5^2 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^2} = (1) + \uparrow m7_{-23}(\downarrow M2_{+23})$

$226 = 2^1 \bullet 113^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-16}(\downarrow M2_{+16})^1} = (1) + \uparrow m7_{-16}(\downarrow M2_{+16})$

$227 = 227^1 = \mathbf{(1) + \uparrow m7_{-8}(\downarrow M2_{+8})}$

$228 = 2^2 \bullet 3^1 \bullet 19^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1} = (1) + \uparrow m7_{-1}(\downarrow M2_{+1})$

$229 = 229^1 = \mathbf{(1) + \uparrow m7_{+7}(\downarrow M2_{-7})}$

$230 = 2^1 \bullet 5^1 \bullet 23^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1} = (1) + \uparrow m7_{+15}(\downarrow M2_{-15})$

$231 = 3^1 \bullet 7^1 \bullet 11^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1} = (1) + \uparrow m7_{+22}(\downarrow M2_{-22})$

$232 = 2^3 \bullet 29^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow m7_{+30}(\downarrow M2_{-30})^1} = (1) + \uparrow m7_{+30}(\downarrow M2_{-30})$

$233 = 233^1 = \mathbf{(1) + \uparrow m7_{+37}(\downarrow M2_{-37})}$

$234 = 2^1 \bullet 3^2 \bullet 13^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m6_{+41}(\downarrow M3_{-41})^1} = (1) + \uparrow m7_{+44}(\downarrow M2_{-44})$

$235 = 5^1 \bullet 47^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow P5_{-34}(\downarrow P4_{+34})^1} = (1) + \uparrow M7_{-48}(\downarrow m2_{+48})$

$236 = 2^2 \bullet 59^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M7_{-41}(\downarrow m2_{+41})^1} = (1) + \uparrow M7_{-41}(\downarrow m2_{+41})$

$237 = 3^1 \bullet 79^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-35}(\downarrow m6_{+35})^1} = (1) + \uparrow M7_{-34}(\downarrow m2_{+34})$

$238 = 2^1 \bullet 7^1 \bullet 17^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1} = (1) + \uparrow M7_{-26}(\downarrow m2_{+26})$

$239 = 239^1 = \mathbf{(1) + \uparrow M7_{-19}(\downarrow m2_{+19})}$

$240 = 2^4 \bullet 3^1 \bullet 5^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1} = (1) + \uparrow M7_{-12}(\downarrow m2_{+12})$

$241 = 241^1 = \mathbf{(1) + \uparrow M7_{-5}(\downarrow m2_{+5})}$

$242 = 2^1 \bullet 11^2 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^2} = (1) + \uparrow M7_{+3}(\downarrow m2_{-3})$

$243 = 3^5 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^5} = (1) + \uparrow M7_{+10}(\downarrow m2_{-10})$

$244 = 2^2 \bullet 61^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M7_{+17}(\downarrow m2_{-17})^1} = (1) + \uparrow M7_{+17}(\downarrow m2_{-17})$

$245 = 5^1 \bullet 7^2 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^2} = (1) + \uparrow M7_{+24}(\downarrow m2_{-24})$

$246 = 2^1 \bullet 3^1 \bullet 41^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{+29}(\downarrow m6_{-29})^1} = (1) + \uparrow M7_{+31}(\downarrow m2_{-31})$

$247 = 13^1 \bullet 19^1 = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1} = (1) + \uparrow M7_{+38}(\downarrow m2_{-38})$

$248 = 2^3 \bullet 31^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow M7_{+45}(\downarrow m2_{-45})^1} = (1) + \uparrow M7_{+45}(\downarrow m2_{-45})$

$249 = 3^1 \bullet 83^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow P4_{-50}(\downarrow P5_{+50})^1} = (1) + \uparrow 8ve_{-48}(\downarrow uni_{+48})$

$250 = 2^1 \bullet 5^3 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^3} = (1) + \uparrow 8ve_{-41}(\downarrow uni_{+41})$

$251 = 251^1 = \mathbf{(1) + \uparrow 8ve_{-34}(\downarrow uni_{+34})}$

$252 = 2^2 \bullet 3^2 \bullet 7^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m7_{-31}(\downarrow M2_{+31})^1} = (1) + \uparrow 8ve_{-27}(\downarrow uni_{+27})$

$253 = 11^1 \bullet 23^1 = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1} = (1) + \uparrow 8ve_{-20}(\downarrow uni_{+20})$

$254 = 2^1 \bullet 127^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow 8ve_{-14}(\downarrow uni_{+14})^1} = (1) + \uparrow 8ve_{-14}(\downarrow uni_{+14})$

$255 = 3^1 \bullet 5^1 \bullet 17^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1} = (1) + \uparrow 8ve_{-7}(\downarrow uni_{+7})$

$256 = 2^8 = \mathbf{(1) + \updownarrow 8ve(uni)^8} = (1) + \updownarrow 8ve(uni)$

$257 = 257^1 = \mathbf{(1) + \uparrow uni_{+7}(\downarrow 8ve_{-7})}$

$258 = 2^1 \bullet 3^1 \bullet 43^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow P4_{+12}(\downarrow P5_{-12})^1} = (1) + \uparrow uni_{+13}(\downarrow 8ve_{-13})$

$259 = 7^1 \bullet 37^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m3_{-49}(\downarrow M6_{+49})^1} = (1) + \uparrow uni_{+20}(\downarrow 8ve_{-20})$

$260 = 2^2 \bullet 5^1 \bullet 13^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1} = (1) + \uparrow uni_{+27}(\downarrow 8ve_{-27})$

$261 = 3^2 \bullet 29^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m7_{+30}(\downarrow M2_{-30})^1} = (1) + \uparrow uni_{+33}(\downarrow 8ve_{-33})$

$262 = 2^1 \bullet 131^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow uni_{+40}(\downarrow 8ve_{-40})^1} = (1) + \uparrow uni_{+40}(\downarrow 8ve_{-40})$

$263 = 263^1 = \mathbf{(1) + \uparrow uni_{+47}(\downarrow 8ve_{-47})}$

$264 = 2^3 \bullet 3^1 \bullet 11^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1} = (1) + \uparrow m2_{-47}(\downarrow M7_{+47})$

$265 = 5^1 \bullet 53^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M6_{-26}(\downarrow m3_{+26})^1} = (1) + \uparrow m2_{-40}(\downarrow M7_{+40})$

$266 = 2^1 \bullet 7^1 \bullet 19^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1} = (1) + \uparrow m2_{-34}(\downarrow M7_{+34})$

$267 = 3^1 \bullet 89^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{-29}(\downarrow tt_{+29})^1} = (1) + \uparrow m2_{-27}(\downarrow M7_{+27})$

$268 = 2^2 \bullet 67^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m2_{-21}(\downarrow M7_{+21})^1} = (1) + \uparrow m2_{-21}(\downarrow M7_{+21})$

$269 = 269^1 = \mathbf{(1) + \uparrow m2_{-14}(\downarrow M7_{+14})}$

$270 = 2^1 \bullet 3^3 \bullet 5^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow M3_{-14}(\downarrow m6_{+14})^1} = (1) + \uparrow m2_{-8}(\downarrow M7_{+8})$

$271 = 271^1 = \mathbf{(1) + \uparrow m2_{-1}(\downarrow M7_{+1})}$

$272 = 2^4 \bullet 17^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow m2_{+5}(\downarrow M7_{-5})^1} = (1) + \uparrow m2_{+5}(\downarrow M7_{-5})$

$273 = 3^1 \bullet 7^1 \bullet 13^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1} = (1) + \uparrow m2_{+11}(\downarrow M7_{-11})$

$274 = 2^1 \bullet 137^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m2_{+18}(\downarrow M7_{-18})^1} = (1) + \uparrow m2_{+18}(\downarrow M7_{-18})$

$275 = 5^2 \bullet 11^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow tt_{-49}(\downarrow tt_{+49})^1} = (1) + \uparrow m2_{+24}(\downarrow M7_{-24})$

$276 = 2^2 \bullet 3^1 \bullet 23^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1} = (1) + \uparrow m2_{+30}(\downarrow M7_{-30})$

$277 = 277^1 = \mathbf{(1) + \uparrow m2_{+36}(\downarrow M7_{-36})}$

$278 = 2^1 \bullet 139^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m2_{+43}(\downarrow M7_{-43})^1} = (1) + \uparrow m2_{+43}(\downarrow M7_{-43})$

$279 = 3^2 \bullet 31^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M7_{+45}(\downarrow m2_{-45})^1} = (1) + \uparrow m2_{+49}(\downarrow M7_{-49})$

$280 = 2^3 \bullet 5^1 \bullet 7^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1} = (1) + \uparrow M2_{-45}(\downarrow m7_{+45})$

$281 = 281^1 = \mathbf{(1) + \uparrow M2_{-39}(\downarrow m7_{+39})}$

$282 = 2^1 \bullet 3^1 \bullet 47^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow P5_{-34}(\downarrow P4_{+34})^1} = (1) + \uparrow M2_{-33}(\downarrow m7_{+33})$

$283 = 283^1 = \mathbf{(1) + \uparrow M2_{-26}(\downarrow m7_{+26})}$

$284 = 2^2 \bullet 71^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M2_{-20}(\downarrow m7_{+20})^1} = (1) + \uparrow M2_{-20}(\downarrow m7_{+20})$

$285 = 3^1 \bullet 5^1 \bullet 19^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1} = (1) + \uparrow M2_{-14}(\downarrow m7_{+14})$

$286 = 2^1 \bullet 11^1 \bullet 13^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1} = (1) + \uparrow M2_{-8}(\downarrow m7_{+8})$

$287 = 7^1 \bullet 41^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M3_{+29}(\downarrow m6_{-29})^1} = (1) + \uparrow M2_{-2}(\downarrow m7_{+2})$

$288 = 2^5 \bullet 3^2 = \mathbf{(1) + \updownarrow 8ve(uni)^5 + \uparrow P5_{+2}(\downarrow P4_{-2})^2} = (1) + \uparrow M2_{+4}(\downarrow m7_{-4})$

$289 = 17^2 = \mathbf{(1) + \uparrow m2_{+5}(\downarrow M7_{-5})^2} = (1) + \uparrow M2_{+10}(\downarrow m7_{-10})$

$290 = 2^1 \bullet 5^1 \bullet 29^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1} = (1) + \uparrow M2_{+16}(\downarrow m7_{-16})$

$291 = 3^1 \bullet 97^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow P5_{+20}(\downarrow P4_{-20})^1} = (1) + \uparrow M2_{+22}(\downarrow m7_{-22})$

$292 = 2^2 \bullet 73^1 = (1) + \updownarrow 8ve(uni)^2 + \uparrow M2_{+28}(\downarrow m7_{-28})^1 = (1) + \uparrow M2_{+28}(\downarrow m7_{-28})$

$293 = 293^1 = (1) + \uparrow M2_{+34}(\downarrow m7_{-34})$

$294 = 2^1 \bullet 3^1 \bullet 7^2 = (1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^2 = (1) + \uparrow M2_{+40}(\downarrow m7_{-40})$

$295 = 5^1 \bullet 59^1 = (1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M7_{-41}(\downarrow m2_{+41})^1 = (1) + \uparrow M2_{+45}(\downarrow m7_{-45})$

$296 = 2^3 \bullet 37^1 = (1) + \updownarrow 8ve(uni)^3 + \uparrow m3_{-49}(\downarrow M6_{+49})^1 = (1) + \uparrow m3_{-49}(\downarrow M6_{+49})$

$297 = 3^3 \bullet 11^1 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 = (1) + \uparrow m3_{-43}(\downarrow M6_{+43})$

$298 = 2^1 \bullet 149^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow m3_{-37}(\downarrow M6_{+37})^1 = (1) + \uparrow m3_{-37}(\downarrow M6_{+37})$

$299 = 13^1 \bullet 23^1 = (1) + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1 = (1) + \uparrow m3_{-31}(\downarrow M6_{+31})$

$300 = 2^2 \bullet 3^1 \bullet 5^2 = (1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^2 = (1) + \uparrow m3_{-25}(\downarrow M6_{+25})$

$301 = 7^1 \bullet 43^1 = (1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow P4_{+12}(\downarrow P5_{-12})^1 = (1) + \uparrow m3_{-20}(\downarrow M6_{+20})$

$302 = 2^1 \bullet 151^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow m3_{-14}(\downarrow M6_{+14})^1 = (1) + \uparrow m3_{-14}(\downarrow M6_{+14})$

$303 = 3^1 \bullet 101^1 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m6_{-10}(\downarrow M3_{+10})^1 = (1) + \uparrow m3_{-8}(\downarrow M6_{+8})$

$304 = 2^4 \bullet 19^1 = (1) + \updownarrow 8ve(uni)^4 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 = (1) + \uparrow m3_{-2}(\downarrow M6_{+2})$

$305 = 5^1 \bullet 61^1 = (1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M7_{+17}(\downarrow m2_{-17})^1 = (1) + \uparrow m3_{+3}(\downarrow M6_{-3})$

$306 = 2^1 \bullet 3^2 \bullet 17^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 = (1) + \uparrow m3_{+9}(\downarrow M6_{-9})$

$307 = 307^1 = (1) + \uparrow m3_{+15}(\downarrow M6_{-15})$

$308 = 2^2 \bullet 7^1 \bullet 11^1 = (1) + \updownarrow 8ve(uni)^2 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 = (1) + \uparrow m3_{+20}(\downarrow M6_{-20})$

$309 = 3^1 \bullet 103^1 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m6_{+24}(\downarrow M3_{-24})^1 = (1) + \uparrow m3_{+26}(\downarrow M6_{-26})$

$310 = 2^1 \bullet 5^1 \bullet 31^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M7_{+45}(\downarrow m2_{-45})^1 = (1) + \uparrow m3_{+31}(\downarrow M6_{-31})$

$311 = 311^1 = (1) + \uparrow m3_{+37}(\downarrow M6_{-37})$

$312 = 2^3 \bullet 3^1 \bullet 13^1 = (1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 = (1) + \uparrow m3_{+42}(\downarrow M6_{-42})$

$313 = 313^1 = (1) + \uparrow m3_{+48}(\downarrow M6_{-48})$

$314 = 2^1 \bullet 157^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-46}(\downarrow m6_{+46})^1 = (1) + \uparrow M3_{-46}(\downarrow m6_{+46})$

$315 = 3^2 \bullet 5^1 \bullet 7^1 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 = (1) + \uparrow M3_{-41}(\downarrow m6_{+41})$

$316 = 2^2 \bullet 79^1 = (1) + \updownarrow 8ve(uni)^2 + \uparrow M3_{-35}(\downarrow m6_{+35})^1 = (1) + \uparrow M3_{-35}(\downarrow m6_{+35})$

$317 = 317^1 = (1) + \uparrow M3_{-30}(\downarrow m6_{+30})$

$318 = 2^1 \bullet 3^1 \bullet 53^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M6_{-26}(\downarrow m3_{+26})^1 = (1) + \uparrow M3_{-25}(\downarrow m6_{+25})$

$319 = 11^1 \bullet 29^1 = (1) + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1 = (1) + \uparrow M3_{-19}(\downarrow m6_{+19})$

$320 = 2^6 \bullet 5^1 = (1) + \updownarrow 8ve(uni)^6 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 = (1) + \uparrow M3_{-14}(\downarrow m6_{+14})$

$321 = 3^1 \bullet 107^1 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M6_{-10}(\downarrow m3_{+10})^1 = (1) + \uparrow M3_{-8}(\downarrow m6_{+8})$

$322 = 2^1 \bullet 7^1 \bullet 23^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1 = (1) + \uparrow M3_{-3}(\downarrow m6_{+3})$

$323 = 17^1 \bullet 19^1 = (1) + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 = (1) + \uparrow M3_{+2}(\downarrow m6_{-2})$

$324 = 2^2 \bullet 3^4 = (1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^4 = (1) + \uparrow M3_{+8}(\downarrow m6_{-8})$

$325 = 5^2 \bullet 13^1 = (1) + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 = (1) + \uparrow M3_{+13}(\downarrow m6_{-13})$

$326 = 2^1 \bullet 163^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{+18}(\downarrow m6_{-18})^1 = (1) + \uparrow M3_{+18}(\downarrow m6_{-18})$

$327 = 3^1 \bullet 109^1 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M6_{+22}(\downarrow m3_{-22})^1 = (1) + \uparrow M3_{+24}(\downarrow m6_{-24})$

$328 = 2^3 \bullet 41^1 = (1) + \updownarrow 8ve(uni)^3 + \uparrow M3_{+29}(\downarrow m6_{-29})^1 = (1) + \uparrow M3_{+29}(\downarrow m6_{-29})$

$329 = 7^1 \bullet 47^1 = (1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow P5_{-34}(\downarrow P4_{+34})^1 = (1) + \uparrow M3_{+34}(\downarrow m6_{-34})$

$330 = 2^1 \bullet 3^1 \bullet 5^1 \bullet 11^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 = (1) + \uparrow M3_{+40}(\downarrow m6_{-40})$

$331 = 331^1 = (1) + \uparrow M3_{+45}(\downarrow m6_{-45})$

$332 = 2^2 \bullet 83^1 = (1) + \updownarrow 8ve(uni)^2 + \uparrow P4_{-50}(\downarrow P5_{+50})^1 = (1) + \uparrow P4_{-50}(\downarrow P5_{+50})$

$333 = 3^2 \bullet 37^1 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m3_{-49}(\downarrow M6_{+49})^1 = (1) + \uparrow P4_{-45}(\downarrow P5_{+45})$

$334 = 2^1 \bullet 167^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P4_{-40}(\downarrow P5_{+40})^1} = (1) + \uparrow P4_{-40}(\downarrow P5_{+40})$

$335 = 5^1 \bullet 67^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m2_{-21}(\downarrow M7_{+21})^1} = (1) + \uparrow P4_{-34}(\downarrow P5_{+34})$

$336 = 2^4 \bullet 3^1 \bullet 7^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1} = (1) + \uparrow P4_{-29}(\downarrow P5_{+29})$

$337 = 337^1 = \mathbf{(1) + \uparrow P4_{-24}(\downarrow P5_{+24})}$

$338 = 2^1 \bullet 13^2 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^2} = (1) + \uparrow P4_{-19}(\downarrow P5_{+19})$

$339 = 3^1 \bullet 113^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-16}(\downarrow M2_{+16})^1} = (1) + \uparrow P4_{-14}(\downarrow P5_{+14})$

$340 = 2^2 \bullet 5^1 \bullet 17^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1} = (1) + \uparrow P4_{-9}(\downarrow P5_{+9})$

$341 = 11^1 \bullet 31^1 = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow M7_{+45}(\downarrow m2_{-45})^1} = (1) + \uparrow P4_{-4}(\downarrow P5_{+4})$

$342 = 2^1 \bullet 3^2 \bullet 19^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m3_{-2}(\downarrow M6_{+2})^1} = (1) + \uparrow P4_{+1}(\downarrow P5_{-1})$

$343 = 7^3 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^3} = (1) + \uparrow P4_{+6}(\downarrow P5_{-6})$

$344 = 2^3 \bullet 43^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow P4_{+12}(\downarrow P5_{-12})^1} = (1) + \uparrow P4_{+12}(\downarrow P5_{-12})$

$345 = 3^1 \bullet 5^1 \bullet 23^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1} = (1) + \uparrow P4_{+17}(\downarrow P5_{-17})$

$346 = 2^1 \bullet 173^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P4_{+22}(\downarrow P5_{-22})^1} = (1) + \uparrow P4_{+22}(\downarrow P5_{-22})$

$347 = 347^1 = \mathbf{(1) + \uparrow P4_{+27}(\downarrow P5_{-27})}$

$348 = 2^2 \bullet 3^1 \bullet 29^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1} = (1) + \uparrow P4_{+32}(\downarrow P5_{-32})$

$349 = 349^1 = \mathbf{(1) + \uparrow P4_{+36}(\downarrow P5_{-36})}$

$350 = 2^1 \bullet 5^2 \bullet 7^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow m7_{-31}(\downarrow M2_{+31})^1} = (1) + \uparrow P4_{+41}(\downarrow P5_{-41})$

$351 = 3^3 \bullet 13^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow m6_{+41}(\downarrow M3_{-41})^1} = (1) + \uparrow P4_{+46}(\downarrow P5_{-46})$

$352 = 2^5 \bullet 11^1 = \mathbf{(1) + \updownarrow 8ve(uni)^5 + \uparrow tt_{-49}(\downarrow tt_{+49})^1} = (1) + \uparrow tt_{-49}(\downarrow tt_{+49})$

$353 = 353^1 = \mathbf{(1) + \uparrow tt_{-44}(\downarrow tt_{+44})}$

$354 = 2^1 \bullet 3^1 \bullet 59^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M7_{-41}(\downarrow m2_{+41})^1} = (1) + \uparrow tt_{-39}(\downarrow tt_{+39})$

$355 = 5^1 \bullet 71^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M2_{-20}(\downarrow m7_{+20})^1} = (1) + \uparrow tt_{-34}(\downarrow tt_{+34})$

$356 = 2^2 \bullet 89^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow tt_{-29}(\downarrow tt_{+29})^1} = (1) + \uparrow tt_{-29}(\downarrow tt_{+29})$

$357 = 3^1 \bullet 7^1 \bullet 17^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1} = (1) + \uparrow tt_{-24}(\downarrow tt_{+24})$

$358 = 2^1 \bullet 179^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow tt_{-19}(\downarrow tt_{+19})^1} = (1) + \uparrow tt_{-19}(\downarrow tt_{+19})$

$359 = 359^1 = \mathbf{(1) + \uparrow tt_{-15}(\downarrow tt_{+15})}$

$360 = 2^3 \bullet 3^2 \bullet 5^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1} = (1) + \uparrow tt_{-10}(\downarrow tt_{+10})$

$361 = 19^2 = \mathbf{(1) + \uparrow m3_{-2}(\downarrow M6_{+2})^2} = (1) + \uparrow tt_{-5}(\downarrow tt_{+5})$

$362 = 2^1 \bullet 181^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow tt_{+0}(\downarrow tt_{-0})^1} = (1) + \uparrow tt_{+0}(\downarrow tt_{-0})$

$363 = 3^1 \bullet 11^2 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^2} = (1) + \uparrow tt_{+5}(\downarrow tt_{-5})$

$364 = 2^2 \bullet 7^1 \bullet 13^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1} = (1) + \uparrow tt_{+9}(\downarrow tt_{-9})$

$365 = 5^1 \bullet 73^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M2_{+28}(\downarrow m7_{-28})^1} = (1) + \uparrow tt_{+14}(\downarrow tt_{-14})$

$366 = 2^1 \bullet 3^1 \bullet 61^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M7_{+17}(\downarrow m2_{-17})^1} = (1) + \uparrow tt_{+19}(\downarrow tt_{-19})$

$367 = 367^1 = \mathbf{(1) + \uparrow tt_{+24}(\downarrow tt_{-24})}$

$368 = 2^4 \bullet 23^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow tt_{+28}(\downarrow tt_{-28})^1} = (1) + \uparrow tt_{+28}(\downarrow tt_{-28})$

$369 = 3^2 \bullet 41^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M3_{+29}(\downarrow m6_{-29})^1} = (1) + \uparrow tt_{+33}(\downarrow tt_{-33})$

$370 = 2^1 \bullet 5^1 \bullet 37^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m3_{-49}(\downarrow M6_{+49})^1} = (1) + \uparrow tt_{+38}(\downarrow tt_{-38})$

$371 = 7^1 \bullet 53^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M6_{-26}(\downarrow m3_{+26})^1} = (1) + \uparrow tt_{+42}(\downarrow tt_{-42})$

$372 = 2^2 \bullet 3^1 \bullet 31^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M7_{+45}(\downarrow m2_{-45})^1} = (1) + \uparrow tt_{+47}(\downarrow tt_{-47})$

$373 = 373^1 = \mathbf{(1) + \uparrow P5_{-48}(\downarrow P4_{+48})}$

$374 = 2^1 \bullet 11^1 \bullet 17^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1} = (1) + \uparrow P5_{-44}(\downarrow P4_{+44})$

$375 = 3^1 \bullet 5^3 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^3} = (1) + \uparrow P5_{-39}(\downarrow P4_{+39})$

$376 = 2^3 \bullet 47^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{-34}(\downarrow P4_{+34})^1} = (1) + \uparrow P5_{-34}(\downarrow P4_{+34})$

$377 = 13^1 \bullet 29^1 = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1} = (1) + \uparrow P5_{-30}(\downarrow P4_{+30})$

$378 = 2^1 \bullet 3^3 \bullet 7^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow m7_{-31}(\downarrow M2_{+31})^1} = (1) + \uparrow P5_{-25}(\downarrow P4_{+25})$

$379 = 379^1 = \mathbf{(1) + \uparrow P5_{-21}(\downarrow P4_{+21})}$

$380 = 2^2 \bullet 5^1 \bullet 19^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1} = (1) + \uparrow P5_{-16}(\downarrow P4_{+16})$

$381 = 3^1 \bullet 127^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \updownarrow 8ve_{-14}(\downarrow uni_{+14})^1} = (1) + \uparrow P5_{-12}(\downarrow P4_{+12})$

$382 = 2^1 \bullet 191^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{-7}(\downarrow P4_{+7})^1} = (1) + \uparrow P5_{-7}(\downarrow P4_{+7})$

$383 = 383^1 = \mathbf{(1) + \uparrow P5_{-3}(\downarrow P4_{+3})}$

$384 = 2^7 \bullet 3^1 = \mathbf{(1) + \updownarrow 8ve(uni)^7 + \uparrow P5_{+2}(\downarrow P4_{-2})^1} = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})$

$385 = 5^1 \bullet 7^1 \bullet 11^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1} = (1) + \uparrow P5_{+6}(\downarrow P4_{-6})$

$386 = 2^1 \bullet 193^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+11}(\downarrow P4_{-11})^1} = (1) + \uparrow P5_{+11}(\downarrow P4_{-11})$

$387 = 3^2 \bullet 43^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow P4_{+12}(\downarrow P5_{-12})^1} = (1) + \uparrow P5_{+15}(\downarrow P4_{-15})$

$388 = 2^2 \bullet 97^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+20}(\downarrow P4_{-20})^1} = (1) + \uparrow P5_{+20}(\downarrow P4_{-20})$

$389 = 389^1 = \mathbf{(1) + \uparrow P5_{+24}(\downarrow P4_{-24})}$

$390 = 2^1 \bullet 3^1 \bullet 5^1 \bullet 13^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1} = (1) + \uparrow P5_{+29}(\downarrow P4_{-29})$

$391 = 17^1 \bullet 23^1 = \mathbf{(1) + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1} = (1) + \uparrow P5_{+33}(\downarrow P4_{-33})$

$392 = 2^3 \bullet 7^2 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow m7_{-31}(\downarrow M2_{+31})^2} = (1) + \uparrow P5_{+38}(\downarrow P4_{-38})$

$393 = 3^1 \bullet 131^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow uni_{+40}(\downarrow 8ve_{-40})^1} = (1) + \uparrow P5_{+42}(\downarrow P4_{-42})$

$394 = 2^1 \bullet 197^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+46}(\downarrow P4_{-46})^1} = (1) + \uparrow P5_{+46}(\downarrow P4_{-46})$

$395 = 5^1 \bullet 79^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M3_{-35}(\downarrow m6_{+35})^1} = (1) + \uparrow m6_{-49}(\downarrow M3_{+49})$

$396 = 2^2 \bullet 3^2 \bullet 11^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow tt_{-49}(\downarrow tt_{+49})^1} = (1) + \uparrow m6_{-45}(\downarrow M3_{+45})$

$397 = 397^1 = \mathbf{(1) + \uparrow m6_{-40}(\downarrow M3_{+40})}$

$398 = 2^1 \bullet 199^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m6_{-36}(\downarrow M3_{+36})^1} = (1) + \uparrow m6_{-36}(\downarrow M3_{+36})$

$399 = 3^1 \bullet 7^1 \bullet 19^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1} = (1) + \uparrow m6_{-32}(\downarrow M3_{+32})$

$400 = 2^4 \bullet 5^2 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow M3_{-14}(\downarrow m6_{+14})^2} = (1) + \uparrow m6_{-27}(\downarrow M3_{+27})$

$401 = 401^1 = \mathbf{(1) + \uparrow m6_{-23}(\downarrow M3_{+23})}$

$402 = 2^1 \bullet 3^1 \bullet 67^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m2_{-21}(\downarrow M7_{+21})^1} = (1) + \uparrow m6_{-19}(\downarrow M3_{+19})$

$403 = 13^1 \bullet 31^1 = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow M7_{+45}(\downarrow m2_{-45})^1} = (1) + \uparrow m6_{-14}(\downarrow M3_{+14})$

$404 = 2^2 \bullet 101^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m6_{-10}(\downarrow M3_{+10})^1} = (1) + \uparrow m6_{-10}(\downarrow M3_{+10})$

$405 = 3^4 \bullet 5^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^4 + \uparrow M3_{-14}(\downarrow m6_{+14})^1} = (1) + \uparrow m6_{-6}(\downarrow M3_{+6})$

$406 = 2^1 \bullet 7^1 \bullet 29^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1} = (1) + \uparrow m6_{-2}(\downarrow M3_{+2})$

$407 = 11^1 \bullet 37^1 = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m3_{-49}(\downarrow M6_{+49})^1} = (1) + \uparrow m6_{+3}(\downarrow M3_{-3})$

$408 = 2^3 \bullet 3^1 \bullet 17^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1} = (1) + \uparrow m6_{+7}(\downarrow M3_{-7})$

$409 = 409^1 = \mathbf{(1) + \uparrow m6_{+11}(\downarrow M3_{-11})}$

$410 = 2^1 \bullet 5^1 \bullet 41^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M3_{+29}(\downarrow m6_{-29})^1} = (1) + \uparrow m6_{+15}(\downarrow M3_{-15})$

$411 = 3^1 \bullet 137^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m2_{+18}(\downarrow M7_{-18})^1} = (1) + \uparrow m6_{+20}(\downarrow M3_{-20})$

$412 = 2^2 \bullet 103^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m6_{+24}(\downarrow M3_{-24})^1} = (1) + \uparrow m6_{+24}(\downarrow M3_{-24})$

$413 = 7^1 \bullet 59^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M7_{-41}(\downarrow m2_{+41})^1} = (1) + \uparrow m6_{+28}(\downarrow M3_{-28})$

$414 = 2^1 \bullet 3^2 \bullet 23^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow tt_{+28}(\downarrow tt_{-28})^1} = (1) + \uparrow m6_{+32}(\downarrow M3_{-32})$

$415 = 5^1 \bullet 83^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow P4_{-50}(\downarrow P5_{+50})^1} = (1) + \uparrow m6_{+36}(\downarrow M3_{-36})$

$416 = 2^5 \bullet 13^1 = \mathbf{(1) + \updownarrow 8ve(uni)^5 + \uparrow m6_{+41}(\downarrow M3_{-41})^1} = (1) + \uparrow m6_{+41}(\downarrow M3_{-41})$

$417 = 3^1 \bullet 139^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m2_{+43}(\downarrow M7_{-43})^1} = (1) + \uparrow m6_{+45}(\downarrow M3_{-45})$

$418 = 2^1 \bullet 11^1 \bullet 19^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1} = (1) + \uparrow m6_{+49}(\downarrow M3_{-49})$

$419 = 419^1 = \mathbf{(1) + \uparrow M6_{-47}(\downarrow m3_{+47})}$

$420 = 2^2 \bullet 3^1 \bullet 5^1 \bullet 7^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1} = (1) + \uparrow M6_{-43}(\downarrow m3_{+43})$

$421 = 421^1 = \mathbf{(1) + \uparrow M6_{-39}(\downarrow m3_{+39})}$

$422 = 2^1 \bullet 211^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M6_{-35}(\downarrow m3_{+35})^1} = (1) + \uparrow M6_{-35}(\downarrow m3_{+35})$

$423 = 3^2 \bullet 47^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow P5_{-34}(\downarrow P4_{+34})^1} = (1) + \uparrow M6_{-31}(\downarrow m3_{+31})$

$424 = 2^3 \bullet 53^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow M6_{-26}(\downarrow m3_{+26})^1} = (1) + \uparrow M6_{-26}(\downarrow m3_{+26})$

$425 = 5^2 \bullet 17^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow m2_{+5}(\downarrow M7_{-5})^1} = (1) + \uparrow M6_{-22}(\downarrow m3_{+22})$

$426 = 2^1 \bullet 3^1 \bullet 71^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M2_{-20}(\downarrow m7_{+20})^1} = (1) + \uparrow M6_{-18}(\downarrow m3_{+18})$

$427 = 7^1 \bullet 61^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M7_{+17}(\downarrow m2_{-17})^1} = (1) + \uparrow M6_{-14}(\downarrow m3_{+14})$

$428 = 2^2 \bullet 107^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M6_{-10}(\downarrow m3_{+10})^1} = (1) + \uparrow M6_{-10}(\downarrow m3_{+10})$

$429 = 3^1 \bullet 11^1 \bullet 13^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1} = (1) + \uparrow M6_{-6}(\downarrow m3_{+6})$

$430 = 2^1 \bullet 5^1 \bullet 43^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow P4_{+12}(\downarrow P5_{-12})^1} = (1) + \uparrow M6_{-2}(\downarrow m3_{+2})$

$431 = 431^1 = \mathbf{(1) + \uparrow M6_{+2}(\downarrow m3_{-2})}$

$432 = 2^4 \bullet 3^3 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow P5_{+2}(\downarrow P4_{-2})^3} = (1) + \uparrow M6_{+6}(\downarrow m3_{-6})$

$433 = 433^1 = \mathbf{(1) + \uparrow M6_{+10}(\downarrow m3_{-10})}$

$434 = 2^1 \bullet 7^1 \bullet 31^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M7_{+45}(\downarrow m2_{-45})^1} = (1) + \uparrow M6_{+14}(\downarrow m3_{-14})$

$435 = 3^1 \bullet 5^1 \bullet 29^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1} = (1) + \uparrow M6_{+18}(\downarrow m3_{-18})$

$436 = 2^2 \bullet 109^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M6_{+22}(\downarrow m3_{-22})^1} = (1) + \uparrow M6_{+22}(\downarrow m3_{-22})$

$437 = 19^1 \bullet 23^1 = \mathbf{(1) + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1} = (1) + \uparrow M6_{+26}(\downarrow m3_{-26})$

$438 = 2^1 \bullet 3^1 \bullet 73^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M2_{+28}(\downarrow m7_{-28})^1} = (1) + \uparrow M6_{+30}(\downarrow m3_{-30})$

$439 = 439^1 = \mathbf{(1) + \uparrow M6_{+34}(\downarrow m3_{-34})}$

$440 = 2^3 \bullet 5^1 \bullet 11^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1} = (1) + \uparrow M6_{+38}(\downarrow m3_{-38})$

$441 = 3^2 \bullet 7^2 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m7_{-31}(\downarrow M2_{+31})^2} = (1) + \uparrow M6_{+42}(\downarrow m3_{-42})$

$442 = 2^1 \bullet 13^1 \bullet 17^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1} = (1) + \uparrow M6_{+45}(\downarrow m3_{-45})$

$443 = 443^1 = \mathbf{(1) + \uparrow M6_{+49}(\downarrow m3_{-49})}$

$444 = 2^2 \bullet 3^1 \bullet 37^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m3_{-49}(\downarrow M6_{+49})^1} = (1) + \uparrow m7_{-47}(\downarrow M2_{+47})$

$445 = 5^1 \bullet 89^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{-29}(\downarrow tt_{+29})^1} = (1) + \uparrow m7_{-43}(\downarrow M2_{+43})$

$446 = 2^1 \bullet 223^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-39}(\downarrow M2_{+39})^1} = (1) + \uparrow m7_{-39}(\downarrow M2_{+39})$

$447 = 3^1 \bullet 149^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m3_{-37}(\downarrow M6_{+37})^1} = (1) + \uparrow m7_{-35}(\downarrow M2_{+35})$

$448 = 2^6 \bullet 7^1 = \mathbf{(1) + \updownarrow 8ve(uni)^6 + \uparrow m7_{-31}(\downarrow M2_{+31})^1} = (1) + \uparrow m7_{-31}(\downarrow M2_{+31})$

$449 = 449^1 = \mathbf{(1) + \uparrow m7_{-27}(\downarrow M2_{+27})}$

$450 = 2^1 \bullet 3^2 \bullet 5^2 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^2} = (1) + \uparrow m7_{-23}(\downarrow M2_{+23})$

$451 = 11^1 \bullet 41^1 = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow M3_{+29}(\downarrow m6_{-29})^1} = (1) + \uparrow m7_{-20}(\downarrow M2_{+20})$

$452 = 2^2 \bullet 113^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m7_{-16}(\downarrow M2_{+16})^1} = (1) + \uparrow m7_{-16}(\downarrow M2_{+16})$

$453 = 3^1 \bullet 151^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m3_{-14}(\downarrow M6_{+14})^1} = (1) + \uparrow m7_{-12}(\downarrow M2_{+12})$

$454 = 2^1 \bullet 227^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-8}(\downarrow M2_{+8})^1} = (1) + \uparrow m7_{-8}(\downarrow M2_{+8})$

$455 = 5^1 \bullet 7^1 \bullet 13^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1} = (1) + \uparrow m7_{-4}(\downarrow M2_{+4})$

$456 = 2^3 \bullet 3^1 \bullet 19^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1} = (1) + \uparrow m7_{-1}(\downarrow M2_{+1})$

$457 = 457^1 = \mathbf{(1) + \uparrow m7_{+3}(\downarrow M2_{-3})}$

$458 = 2^1 \bullet 229^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{+7}(\downarrow M2_{-7})^1} = (1) + \uparrow m7_{+7}(\downarrow M2_{-7})$

$459 = 3^3 \bullet 17^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow m2_{+5}(\downarrow M7_{-5})^1} = (1) + \uparrow m7_{+11}(\downarrow M2_{-11})$

$460 = 2^2 \bullet 5^1 \bullet 23^1 = (1) + \updownarrow 8ve(uni)^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1 = (1) + \uparrow m7_{+15}(\downarrow M2_{-15})$

$461 = 461^1 = (1) + \uparrow m7_{+18}(\downarrow M2_{-18})$

$462 = 2^1 \bullet 3^1 \bullet 7^1 \bullet 11^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 = (1) + \uparrow m7_{+22}(\downarrow M2_{-22})$

$463 = 463^1 = (1) + \uparrow m7_{+26}(\downarrow M2_{-26})$

$464 = 2^4 \bullet 29^1 = (1) + \updownarrow 8ve(uni)^4 + \uparrow m7_{+30}(\downarrow M2_{-30})^1 = (1) + \uparrow m7_{+30}(\downarrow M2_{-30})$

$465 = 3^1 \bullet 5^1 \bullet 31^1 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M7_{+45}(\downarrow m2_{-45})^1 = (1) + \uparrow m7_{+33}(\downarrow M2_{-33})$

$466 = 2^1 \bullet 233^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{+37}(\downarrow M2_{-37})^1 = (1) + \uparrow m7_{+37}(\downarrow M2_{-37})$

$467 = 467^1 = (1) + \uparrow m7_{+41}(\downarrow M2_{-41})$

$468 = 2^2 \bullet 3^2 \bullet 13^1 = (1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 = (1) + \uparrow m7_{+44}(\downarrow M2_{-44})$

$469 = 7^1 \bullet 67^1 = (1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m2_{-21}(\downarrow M7_{+21})^1 = (1) + \uparrow m7_{+48}(\downarrow M2_{-48})$

$470 = 2^1 \bullet 5^1 \bullet 47^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow P5_{-34}(\downarrow P4_{+34})^1 = (1) + \uparrow M7_{-48}(\downarrow m2_{+48})$

$471 = 3^1 \bullet 157^1 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-46}(\downarrow m6_{+46})^1 = (1) + \uparrow M7_{-45}(\downarrow m2_{+45})$

$472 = 2^3 \bullet 59^1 = (1) + \updownarrow 8ve(uni)^3 + \uparrow M7_{-41}(\downarrow m2_{+41})^1 = (1) + \uparrow M7_{-41}(\downarrow m2_{+41})$

$473 = 11^1 \bullet 43^1 = (1) + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow P4_{+12}(\downarrow P5_{-12})^1 = (1) + \uparrow M7_{-37}(\downarrow m2_{+37})$

$474 = 2^1 \bullet 3^1 \bullet 79^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-35}(\downarrow m6_{+35})^1 = (1) + \uparrow M7_{-34}(\downarrow m2_{+34})$

$475 = 5^2 \bullet 19^1 = (1) + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 = (1) + \uparrow M7_{-30}(\downarrow m2_{+30})$

$476 = 2^2 \bullet 7^1 \bullet 17^1 = (1) + \updownarrow 8ve(uni)^2 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 = (1) + \uparrow M7_{-26}(\downarrow m2_{+26})$

$477 = 3^2 \bullet 53^1 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M6_{-26}(\downarrow m3_{+26})^1 = (1) + \uparrow M7_{-23}(\downarrow m2_{+23})$

$478 = 2^1 \bullet 239^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow M7_{-19}(\downarrow m2_{+19})^1 = (1) + \uparrow M7_{-19}(\downarrow m2_{+19})$

$479 = 479^1 = (1) + \uparrow M7_{-15}(\downarrow m2_{+15})$

$480 = 2^5 \bullet 3^1 \bullet 5^1 = (1) + \updownarrow 8ve(uni)^5 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 = (1) + \uparrow M7_{-12}(\downarrow m2_{+12})$

$481 = 13^1 \bullet 37^1 = (1) + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow m3_{-49}(\downarrow M6_{+49})^1 = (1) + \uparrow M7_{-8}(\downarrow m2_{+8})$

$482 = 2^1 \bullet 241^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow M7_{-5}(\downarrow m2_{+5})^1 = (1) + \uparrow M7_{-5}(\downarrow m2_{+5})$

$483 = 3^1 \bullet 7^1 \bullet 23^1 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1 = (1) + \uparrow M7_{-1}(\downarrow m2_{+1})$

$484 = 2^2 \bullet 11^2 = (1) + \updownarrow 8ve(uni)^2 + \uparrow tt_{-49}(\downarrow tt_{+49})^2 = (1) + \uparrow M7_{+3}(\downarrow m2_{-3})$

$485 = 5^1 \bullet 97^1 = (1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow P5_{+20}(\downarrow P4_{-20})^1 = (1) + \uparrow M7_{+6}(\downarrow m2_{-6})$

$486 = 2^1 \bullet 3^5 = (1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^5 = (1) + \uparrow M7_{+10}(\downarrow m2_{-10})$

$487 = 487^1 = (1) + \uparrow M7_{+13}(\downarrow m2_{-13})$

$488 = 2^3 \bullet 61^1 = (1) + \updownarrow 8ve(uni)^3 + \uparrow M7_{+17}(\downarrow m2_{-17})^1 = (1) + \uparrow M7_{+17}(\downarrow m2_{-17})$

$489 = 3^1 \bullet 163^1 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{+18}(\downarrow m6_{-18})^1 = (1) + \uparrow M7_{+20}(\downarrow m2_{-20})$

$490 = 2^1 \bullet 5^1 \bullet 7^2 = (1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^2 = (1) + \uparrow M7_{+24}(\downarrow m2_{-24})$

$491 = 491^1 = (1) + \uparrow M7_{+27}(\downarrow m2_{-27})$

$492 = 2^2 \bullet 3^1 \bullet 41^1 = (1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{+29}(\downarrow m6_{-29})^1 = (1) + \uparrow M7_{+31}(\downarrow m2_{-31})$

$493 = 17^1 \bullet 29^1 = (1) + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1 = (1) + \uparrow M7_{+35}(\downarrow m2_{-35})$

$494 = 2^1 \bullet 13^1 \bullet 19^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 = (1) + \uparrow M7_{+38}(\downarrow m2_{-38})$

$495 = 3^2 \bullet 5^1 \bullet 11^1 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 = (1) + \uparrow M7_{+42}(\downarrow m2_{-42})$

$496 = 2^4 \bullet 31^1 = (1) + \updownarrow 8ve(uni)^4 + \uparrow M7_{+45}(\downarrow m2_{-45})^1 = (1) + \uparrow M7_{+45}(\downarrow m2_{-45})$

$497 = 7^1 \bullet 71^1 = (1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M2_{-20}(\downarrow m7_{+20})^1 = (1) + \uparrow M7_{+49}(\downarrow m2_{-49})$

$498 = 2^1 \bullet 3^1 \bullet 83^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow P4_{-50}(\downarrow P5_{+50})^1 = (1) + \uparrow 8ve_{-48}(\downarrow uni_{+48})$

$499 = 499^1 = (1) + \uparrow 8ve_{-45}(\downarrow uni_{+45})$

$500 = 2^2 \bullet 5^3 = (1) + \updownarrow 8ve(uni)^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^3 = (1) + \uparrow 8ve_{-41}(\downarrow uni_{+41})$

$501 = 3^1 \bullet 167^1 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow P4_{-40}(\downarrow P5_{+40})^1 = (1) + \uparrow 8ve_{-38}(\downarrow uni_{+38})$

$502 = 2^1 \bullet 251^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow 8ve_{-34}(\downarrow uni_{+34})^1 = (1) + \uparrow 8ve_{-34}(\downarrow uni_{+34})$

$503 = 503^1 = (1) + \uparrow 8ve_{-31}(\downarrow uni_{+31})$

$504 = 2^3 \bullet 3^2 \bullet 7^1 = (1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 = (1) + \uparrow 8ve_{-27}(\downarrow uni_{+27})$

$505 = 5^1 \bullet 101^1 = (1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m6_{-10}(\downarrow M3_{+10})^1 = (1) + \uparrow 8ve_{-24}(\downarrow uni_{+24})$

$506 = 2^1 \bullet 11^1 \bullet 23^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1 = (1) + \uparrow 8ve_{-20}(\downarrow uni_{+20})$

$507 = 3^1 \bullet 13^2 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^2 = (1) + \uparrow 8ve_{-17}(\downarrow uni_{+17})$

$508 = 2^2 \bullet 127^1 = (1) + \updownarrow 8ve(uni)^2 + \uparrow 8ve_{-14}(\downarrow uni_{+14})^1 = (1) + \uparrow 8ve_{-14}(\downarrow uni_{+14})$

$509 = 509^1 = (1) + \uparrow 8ve_{-10}(\downarrow uni_{+10})$

$510 = 2^1 \bullet 3^1 \bullet 5^1 \bullet 17^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 = (1) + \uparrow 8ve_{-7}(\downarrow uni_{+7})$

$511 = 7^1 \bullet 73^1 = (1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M2_{+28}(\downarrow m7_{-28})^1 = (1) + \uparrow 8ve_{-3}(\downarrow uni_{+3})$

$512 = 2^9 = (1) + \updownarrow 8ve(uni)^9 = (1) + \updownarrow 8ve(uni)$

$513 = 3^3 \bullet 19^1 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 = (1) + \uparrow uni_{+3}(\downarrow 8ve_{-3})$

$514 = 2^1 \bullet 257^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow uni_{+7}(\downarrow 8ve_{-7})^1 = (1) + \uparrow uni_{+7}(\downarrow 8ve_{-7})$

$515 = 5^1 \bullet 103^1 = (1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m6_{+24}(\downarrow M3_{-24})^1 = (1) + \uparrow uni_{+10}(\downarrow 8ve_{-10})$

$516 = 2^2 \bullet 3^1 \bullet 43^1 = (1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow P4_{+12}(\downarrow P5_{-12})^1 = (1) + \uparrow uni_{+13}(\downarrow 8ve_{-13})$

$517 = 11^1 \bullet 47^1 = (1) + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow P5_{-34}(\downarrow P4_{+34})^1 = (1) + \uparrow uni_{+17}(\downarrow 8ve_{-17})$

$518 = 2^1 \bullet 7^1 \bullet 37^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m3_{-49}(\downarrow M6_{+49})^1 = (1) + \uparrow uni_{+20}(\downarrow 8ve_{-20})$

$519 = 3^1 \bullet 173^1 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow P4_{+22}(\downarrow P5_{-22})^1 = (1) + \uparrow uni_{+24}(\downarrow 8ve_{-24})$

$520 = 2^3 \bullet 5^1 \bullet 13^1 = (1) + \updownarrow 8ve(uni)^3 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 = (1) + \uparrow uni_{+27}(\downarrow 8ve_{-27})$

$521 = 521^1 = (1) + \uparrow uni_{+30}(\downarrow 8ve_{-30})$

$522 = 2^1 \bullet 3^2 \bullet 29^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m7_{+30}(\downarrow M2_{-30})^1 = (1) + \uparrow uni_{+33}(\downarrow 8ve_{-33})$

$523 = 523^1 = (1) + \uparrow uni_{+37}(\downarrow 8ve_{-37})$

$524 = 2^2 \bullet 131^1 = (1) + \updownarrow 8ve(uni)^2 + \uparrow uni_{+40}(\downarrow 8ve_{-40})^1 = (1) + \uparrow uni_{+40}(\downarrow 8ve_{-40})$

$525 = 3^1 \bullet 5^2 \bullet 7^1 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 = (1) + \uparrow uni_{+43}(\downarrow 8ve_{-43})$

$526 = 2^1 \bullet 263^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow uni_{+47}(\downarrow 8ve_{-47})^1 = (1) + \uparrow uni_{+47}(\downarrow 8ve_{-47})$

$527 = 17^1 \bullet 31^1 = (1) + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow M7_{+45}(\downarrow m2_{-45})^1 = (1) + \uparrow uni_{+50}(\downarrow 8ve_{-50})$

$528 = 2^4 \bullet 3^1 \bullet 11^1 = (1) + \updownarrow 8ve(uni)^4 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 = (1) + \uparrow m2_{-47}(\downarrow M7_{+47})$

$529 = 23^2 = (1) + \uparrow tt_{+28}(\downarrow tt_{-28})^2 = (1) + \uparrow m2_{-43}(\downarrow M7_{+43})$

$530 = 2^1 \bullet 5^1 \bullet 53^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M6_{-26}(\downarrow m3_{+26})^1 = (1) + \uparrow m2_{-40}(\downarrow M7_{+40})$

$531 = 3^2 \bullet 59^1 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M7_{-41}(\downarrow m2_{+41})^1 = (1) + \uparrow m2_{-37}(\downarrow M7_{+37})$

$532 = 2^2 \bullet 7^1 \bullet 19^1 = (1) + \updownarrow 8ve(uni)^2 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 = (1) + \uparrow m2_{-34}(\downarrow M7_{+34})$

$533 = 13^1 \bullet 41^1 = (1) + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow M3_{+29}(\downarrow m6_{-29})^1 = (1) + \uparrow m2_{-30}(\downarrow M7_{+30})$

$534 = 2^1 \bullet 3^1 \bullet 89^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{-29}(\downarrow tt_{+29})^1 = (1) + \uparrow m2_{-27}(\downarrow M7_{+27})$

$535 = 5^1 \bullet 107^1 = (1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M6_{-10}(\downarrow m3_{+10})^1 = (1) + \uparrow m2_{-24}(\downarrow M7_{+24})$

$536 = 2^3 \bullet 67^1 = (1) + \updownarrow 8ve(uni)^3 + \uparrow m2_{-21}(\downarrow M7_{+21})^1 = (1) + \uparrow m2_{-21}(\downarrow M7_{+21})$

$537 = 3^1 \bullet 179^1 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{-19}(\downarrow tt_{+19})^1 = (1) + \uparrow m2_{-17}(\downarrow M7_{+17})$

$538 = 2^1 \bullet 269^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow m2_{-14}(\downarrow M7_{+14})^1 = (1) + \uparrow m2_{-14}(\downarrow M7_{+14})$

$539 = 7^2 \bullet 11^1 = (1) + \uparrow m7_{-31}(\downarrow M2_{+31})^2 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 = (1) + \uparrow m2_{-11}(\downarrow M7_{+11})$

$540 = 2^2 \bullet 3^3 \bullet 5^1 = (1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 = (1) + \uparrow m2_{-8}(\downarrow M7_{+8})$

$541 = 541^1 = (1) + \uparrow m2_{-5}(\downarrow M7_{+5})$

$542 = 2^1 \bullet 271^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow m2_{-1}(\downarrow M7_{+1})^1 = (1) + \uparrow m2_{-1}(\downarrow M7_{+1})$

$543 = 3^1 \bullet 181^1 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{+0}(\downarrow tt_{-0})^1 = (1) + \uparrow m2_{+2}(\downarrow M7_{-2})$

$544 = 2^5 \bullet 17^1 = (1) + \updownarrow 8ve(uni)^5 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 = (1) + \uparrow m2_{+5}(\downarrow M7_{-5})$

$545 = 5^1 \bullet 109^1 = (1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M6_{+22}(\downarrow m3_{-22})^1 = (1) + \uparrow m2_{+8}(\downarrow M7_{-8})$

$546 = 2^1 \bullet 3^1 \bullet 7^1 \bullet 13^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 = (1) + \uparrow m2_{+11}(\downarrow M7_{-11})$

$547 = 547^1 = (1) + \uparrow m2_{+14}(\downarrow M7_{-14})$

$548 = 2^2 \bullet 137^1 = (1) + \updownarrow 8ve(uni)^2 + \uparrow m2_{+18}(\downarrow M7_{-18})^1 = (1) + \uparrow m2_{+18}(\downarrow M7_{-18})$

$549 = 3^2 \bullet 61^1 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M7_{+17}(\downarrow m2_{-17})^1 = (1) + \uparrow m2_{+21}(\downarrow M7_{-21})$

$550 = 2^1 \bullet 5^2 \bullet 11^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 = (1) + \uparrow m2_{+24}(\downarrow M7_{-24})$

$551 = 19^1 \bullet 29^1 = (1) + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1 = (1) + \uparrow m2_{+27}(\downarrow M7_{-27})$

$552 = 2^3 \bullet 3^1 \bullet 23^1 = (1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1 = (1) + \uparrow m2_{+30}(\downarrow M7_{-30})$

$553 = 7^1 \bullet 79^1 = (1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M3_{-35}(\downarrow m6_{+35})^1 = (1) + \uparrow m2_{+33}(\downarrow M7_{-33})$

$554 = 2^1 \bullet 277^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow m2_{+36}(\downarrow M7_{-36})^1 = (1) + \uparrow m2_{+36}(\downarrow M7_{-36})$

$555 = 3^1 \bullet 5^1 \bullet 37^1 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m3_{-49}(\downarrow M6_{+49})^1 = (1) + \uparrow m2_{+40}(\downarrow M7_{-40})$

$556 = 2^2 \bullet 139^1 = (1) + \updownarrow 8ve(uni)^2 + \uparrow m2_{+43}(\downarrow M7_{-43})^1 = (1) + \uparrow m2_{+43}(\downarrow M7_{-43})$

$557 = 557^1 = (1) + \uparrow m2_{+46}(\downarrow M7_{-46})$

$558 = 2^1 \bullet 3^2 \bullet 31^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M7_{+45}(\downarrow m2_{-45})^1 = (1) + \uparrow m2_{+49}(\downarrow M7_{-49})$

$559 = 13^1 \bullet 43^1 = (1) + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow P4_{+12}(\downarrow P5_{-12})^1 = (1) + \uparrow M2_{-48}(\downarrow m7_{+48})$

$560 = 2^4 \bullet 5^1 \bullet 7^1 = (1) + \updownarrow 8ve(uni)^4 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 = (1) + \uparrow M2_{-45}(\downarrow m7_{+45})$

$561 = 3^1 \bullet 11^1 \bullet 17^1 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 = (1) + \uparrow M2_{-42}(\downarrow m7_{+42})$

$562 = 2^1 \bullet 281^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow M2_{-39}(\downarrow m7_{+39})^1 = (1) + \uparrow M2_{-39}(\downarrow m7_{+39})$

$563 = 563^1 = (1) + \uparrow M2_{-36}(\downarrow m7_{+36})$

$564 = 2^2 \bullet 3^1 \bullet 47^1 = (1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow P5_{-34}(\downarrow P4_{+34})^1 = (1) + \uparrow M2_{-33}(\downarrow m7_{+33})$

$565 = 5^1 \bullet 113^1 = (1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-16}(\downarrow M2_{+16})^1 = (1) + \uparrow M2_{-29}(\downarrow m7_{+29})$

$566 = 2^1 \bullet 283^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow M2_{-26}(\downarrow m7_{+26})^1 = (1) + \uparrow M2_{-26}(\downarrow m7_{+26})$

$567 = 3^4 \bullet 7^1 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^4 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 = (1) + \uparrow M2_{-23}(\downarrow m7_{+23})$

$568 = 2^3 \bullet 71^1 = (1) + \updownarrow 8ve(uni)^3 + \uparrow M2_{-20}(\downarrow m7_{+20})^1 = (1) + \uparrow M2_{-20}(\downarrow m7_{+20})$

$569 = 569^1 = (1) + \uparrow M2_{-17}(\downarrow m7_{+17})$

$570 = 2^1 \bullet 3^1 \bullet 5^1 \bullet 19^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 = (1) + \uparrow M2_{-14}(\downarrow m7_{+14})$

$571 = 571^1 = (1) + \uparrow M2_{-11}(\downarrow m7_{+11})$

$572 = 2^2 \bullet 11^1 \bullet 13^1 = (1) + \updownarrow 8ve(uni)^2 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 = (1) + \uparrow M2_{-8}(\downarrow m7_{+8})$

$573 = 3^1 \bullet 191^1 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow P5_{-7}(\downarrow P4_{+7})^1 = (1) + \uparrow M2_{-5}(\downarrow m7_{+5})$

$574 = 2^1 \bullet 7^1 \bullet 41^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M3_{+29}(\downarrow m6_{-29})^1 = (1) + \uparrow M2_{-2}(\downarrow m7_{+2})$

$575 = 5^2 \bullet 23^1 = (1) + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow tt_{+28}(\downarrow tt_{-28})^1 = (1) + \uparrow M2_{+1}(\downarrow m7_{-1})$

$576 = 2^6 \bullet 3^2 = (1) + \updownarrow 8ve(uni)^6 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 = (1) + \uparrow M2_{+4}(\downarrow m7_{-4})$

$577 = 577^1 = (1) + \uparrow M2_{+7}(\downarrow m7_{-7})$

$578 = 2^1 \bullet 17^2 = (1) + \updownarrow 8ve(uni)^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^2 = (1) + \uparrow M2_{+10}(\downarrow m7_{-10})$

$579 = 3^1 \bullet 193^1 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow P5_{+11}(\downarrow P4_{-11})^1 = (1) + \uparrow M2_{+13}(\downarrow m7_{-13})$

$580 = 2^2 \bullet 5^1 \bullet 29^1 = (1) + \updownarrow 8ve(uni)^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1 = (1) + \uparrow M2_{+16}(\downarrow m7_{-16})$

$581 = 7^1 \bullet 83^1 = (1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow P4_{-50}(\downarrow P5_{+50})^1 = (1) + \uparrow M2_{+19}(\downarrow m7_{-19})$

$582 = 2^1 \bullet 3^1 \bullet 97^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow P5_{+20}(\downarrow P4_{-20})^1 = (1) + \uparrow M2_{+22}(\downarrow m7_{-22})$

$583 = 11^1 \bullet 53^1 = (1) + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow M6_{-26}(\downarrow m3_{+26})^1 = (1) + \uparrow M2_{+25}(\downarrow m7_{-25})$

$584 = 2^3 \bullet 73^1 = (1) + \updownarrow 8ve(uni)^3 + \uparrow M2_{+28}(\downarrow m7_{-28})^1 = (1) + \uparrow M2_{+28}(\downarrow m7_{-28})$

$585 = 3^2 \bullet 5^1 \bullet 13^1 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 = (1) + \uparrow M2_{+31}(\downarrow m7_{-31})$

$586 = 2^1 \bullet 293^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow M2_{+34}(\downarrow m7_{-34})^1 = (1) + \uparrow M2_{+34}(\downarrow m7_{-34})$

$587 = 587^1 = (1) + \uparrow M2_{+37}(\downarrow m7_{-37})$

$588 = 2^2 \bullet 3^1 \bullet 7^2 = (1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^2 = (1) + \uparrow M2_{+40}(\downarrow m7_{-40})$

$589 = 19^1 \bullet 31^1 = (1) + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow M7_{+45}(\downarrow m2_{-45})^1 = (1) + \uparrow M2_{+43}(\downarrow m7_{-43})$

$590 = 2^1 \bullet 5^1 \bullet 59^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M7_{-41}(\downarrow m2_{+41})^1 = (1) + \uparrow M2_{+45}(\downarrow m7_{-45})$

$591 = 3^1 \bullet 197^1 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow P5_{+46}(\downarrow P4_{-46})^1 = (1) + \uparrow M2_{+48}(\downarrow m7_{-48})$

$592 = 2^4 \bullet 37^1 = (1) + \updownarrow 8ve(uni)^4 + \uparrow m3_{-49}(\downarrow M6_{+49})^1 = (1) + \uparrow m3_{-49}(\downarrow M6_{+49})$

$593 = 593^1 = (1) + \uparrow m3_{-46}(\downarrow M6_{+46})$

$594 = 2^1 \bullet 3^3 \bullet 11^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 = (1) + \uparrow m3_{-43}(\downarrow M6_{+43})$

$595 = 5^1 \bullet 7^1 \bullet 17^1 = (1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 = (1) + \uparrow m3_{-40}(\downarrow M6_{+40})$

$596 = 2^2 \bullet 149^1 = (1) + \updownarrow 8ve(uni)^2 + \uparrow m3_{-37}(\downarrow M6_{+37})^1 = (1) + \uparrow m3_{-37}(\downarrow M6_{+37})$

$597 = 3^1 \bullet 199^1 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m6_{-36}(\downarrow M3_{+36})^1 = (1) + \uparrow m3_{-34}(\downarrow M6_{+34})$

$598 = 2^1 \bullet 13^1 \bullet 23^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1 = (1) + \uparrow m3_{-31}(\downarrow M6_{+31})$

$599 = 599^1 = (1) + \uparrow m3_{-28}(\downarrow M6_{+28})$

$600 = 2^3 \bullet 3^1 \bullet 5^2 = (1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^2 = (1) + \uparrow m3_{-25}(\downarrow M6_{+25})$

$601 = 601^1 = (1) + \uparrow m3_{-23}(\downarrow M6_{+23})$

$602 = 2^1 \bullet 7^1 \bullet 43^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow P4_{+12}(\downarrow P5_{-12})^1 = (1) + \uparrow m3_{-20}(\downarrow M6_{+20})$

$603 = 3^2 \bullet 67^1 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m2_{-21}(\downarrow M7_{+21})^1 = (1) + \uparrow m3_{-17}(\downarrow M6_{+17})$

$604 = 2^2 \bullet 151^1 = (1) + \updownarrow 8ve(uni)^2 + \uparrow m3_{-14}(\downarrow M6_{+14})^1 = (1) + \uparrow m3_{-14}(\downarrow M6_{+14})$

$605 = 5^1 \bullet 11^2 = (1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^2 = (1) + \uparrow m3_{-11}(\downarrow M6_{+11})$

$606 = 2^1 \bullet 3^1 \bullet 101^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m6_{-10}(\downarrow M3_{+10})^1 = (1) + \uparrow m3_{-8}(\downarrow M6_{+8})$

$607 = 607^1 = (1) + \uparrow m3_{-5}(\downarrow M6_{+5})$

$608 = 2^5 \bullet 19^1 = (1) + \updownarrow 8ve(uni)^5 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 = (1) + \uparrow m3_{-2}(\downarrow M6_{+2})$

$609 = 3^1 \bullet 7^1 \bullet 29^1 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1 = (1) + \uparrow m3_{+0}(\downarrow M6_{-0})$

$610 = 2^1 \bullet 5^1 \bullet 61^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M7_{+17}(\downarrow m2_{-17})^1 = (1) + \uparrow m3_{+3}(\downarrow M6_{-3})$

$611 = 13^1 \bullet 47^1 = (1) + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow P5_{-34}(\downarrow P4_{+34})^1 = (1) + \uparrow m3_{+6}(\downarrow M6_{-6})$

$612 = 2^2 \bullet 3^2 \bullet 17^1 = (1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 = (1) + \uparrow m3_{+9}(\downarrow M6_{-9})$

$613 = 613^1 = (1) + \uparrow m3_{+12}(\downarrow M6_{-12})$

$614 = 2^1 \bullet 307^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow m3_{+15}(\downarrow M6_{-15})^1 = (1) + \uparrow m3_{+15}(\downarrow M6_{-15})$

$615 = 3^1 \bullet 5^1 \bullet 41^1 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M3_{+29}(\downarrow m6_{-29})^1 = (1) + \uparrow m3_{+17}(\downarrow M6_{-17})$

$616 = 2^3 \bullet 7^1 \bullet 11^1 = (1) + \updownarrow 8ve(uni)^3 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 = (1) + \uparrow m3_{+20}(\downarrow M6_{-20})$

$617 = 617^1 = (1) + \uparrow m3_{+23}(\downarrow M6_{-23})$

$618 = 2^1 \bullet 3^1 \bullet 103^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m6_{+24}(\downarrow M3_{-24})^1 = (1) + \uparrow m3_{+26}(\downarrow M6_{-26})$

$619 = 619^1 = (1) + \uparrow m3_{+29}(\downarrow M6_{-29})$

$620 = 2^2 \bullet 5^1 \bullet 31^1 = (1) + \updownarrow 8ve(uni)^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M7_{+45}(\downarrow m2_{-45})^1 = (1) + \uparrow m3_{+31}(\downarrow M6_{-31})$

$621 = 3^3 \bullet 23^1 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow tt_{+28}(\downarrow tt_{-28})^1 = (1) + \uparrow m3_{+34}(\downarrow M6_{-34})$

$622 = 2^1 \bullet 311^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow m3_{+37}(\downarrow M6_{-37})^1 = (1) + \uparrow m3_{+37}(\downarrow M6_{-37})$

$623 = 7^1 \bullet 89^1 = (1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow tt_{-29}(\downarrow tt_{+29})^1 = (1) + \uparrow m3_{+40}(\downarrow M6_{-40})$

$624 = 2^4 \bullet 3^1 \bullet 13^1 = (1) + \updownarrow 8ve(uni)^4 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 = (1) + \uparrow m3_{+42}(\downarrow M6_{-42})$

$625 = 5^4 = (1) + \uparrow M3_{-14}(\downarrow m6_{+14})^4 = (1) + \uparrow m3_{+45}(\downarrow M6_{-45})$

$626 = 2^1 \bullet 313^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow m3_{+48}(\downarrow M6_{-48})^1 = (1) + \uparrow m3_{+48}(\downarrow M6_{-48})$

$627 = 3^1 \bullet 11^1 \bullet 19^1 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 = (1) + \uparrow M3_{-49}(\downarrow m6_{+49})$

$628 = 2^2 \bullet 157^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M3_{-46}(\downarrow m6_{+46})^1} = (1) + \uparrow M3_{-46}(\downarrow m6_{+46})$

$629 = 17^1 \bullet 37^1 = \mathbf{(1) + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow m3_{-49}(\downarrow M6_{+49})^1} = (1) + \uparrow M3_{-44}(\downarrow m6_{+44})$

$630 = 2^1 \bullet 3^2 \bullet 5^1 \bullet 7^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1} = (1) + \uparrow M3_{-41}(\downarrow m6_{+41})$

$631 = 631^1 = \mathbf{(1) + \uparrow M3_{-38}(\downarrow m6_{+38})}$

$632 = 2^3 \bullet 79^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow M3_{-35}(\downarrow m6_{+35})^1} = (1) + \uparrow M3_{-35}(\downarrow m6_{+35})$

$633 = 3^1 \bullet 211^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M6_{-35}(\downarrow m3_{+35})^1} = (1) + \uparrow M3_{-33}(\downarrow m6_{+33})$

$634 = 2^1 \bullet 317^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-30}(\downarrow m6_{+30})^1} = (1) + \uparrow M3_{-30}(\downarrow m6_{+30})$

$635 = 5^1 \bullet 127^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow 8ve_{-14}(\downarrow uni_{+14})^1} = (1) + \uparrow M3_{-27}(\downarrow m6_{+27})$

$636 = 2^2 \bullet 3^1 \bullet 53^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M6_{-26}(\downarrow m3_{+26})^1} = (1) + \uparrow M3_{-25}(\downarrow m6_{+25})$

$637 = 7^2 \bullet 13^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^2 + \uparrow m6_{+41}(\downarrow M3_{-41})^1} = (1) + \uparrow M3_{-22}(\downarrow m6_{+22})$

$638 = 2^1 \bullet 11^1 \bullet 29^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1} = (1) + \uparrow M3_{-19}(\downarrow m6_{+19})$

$639 = 3^2 \bullet 71^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M2_{-20}(\downarrow m7_{+20})^1} = (1) + \uparrow M3_{-16}(\downarrow m6_{+16})$

$640 = 2^7 \bullet 5^1 = \mathbf{(1) + \updownarrow 8ve(uni)^7 + \uparrow M3_{-14}(\downarrow m6_{+14})^1} = (1) + \uparrow M3_{-14}(\downarrow m6_{+14})$

$641 = 641^1 = \mathbf{(1) + \uparrow M3_{-11}(\downarrow m6_{+11})}$

$642 = 2^1 \bullet 3^1 \bullet 107^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M6_{-10}(\downarrow m3_{+10})^1} = (1) + \uparrow M3_{-8}(\downarrow m6_{+8})$

$643 = 643^1 = \mathbf{(1) + \uparrow M3_{-6}(\downarrow m6_{+6})}$

$644 = 2^2 \bullet 7^1 \bullet 23^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1} = (1) + \uparrow M3_{-3}(\downarrow m6_{+3})$

$645 = 3^1 \bullet 5^1 \bullet 43^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow P4_{+12}(\downarrow P5_{-12})^1} = (1) + \uparrow M3_{+0}(\downarrow m6_{-0})$

$646 = 2^1 \bullet 17^1 \bullet 19^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1} = (1) + \uparrow M3_{+2}(\downarrow m6_{-2})$

$647 = 647^1 = \mathbf{(1) + \uparrow M3_{+5}(\downarrow m6_{-5})}$

$648 = 2^3 \bullet 3^4 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{+2}(\downarrow P4_{-2})^4} = (1) + \uparrow M3_{+8}(\downarrow m6_{-8})$

$649 = 11^1 \bullet 59^1 = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow M7_{-41}(\downarrow m2_{+41})^1} = (1) + \uparrow M3_{+10}(\downarrow m6_{-10})$

$650 = 2^1 \bullet 5^2 \bullet 13^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow m6_{+41}(\downarrow M3_{-41})^1} = (1) + \uparrow M3_{+13}(\downarrow m6_{-13})$

$651 = 3^1 \bullet 7^1 \bullet 31^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M7_{+45}(\downarrow m2_{-45})^1} = (1) + \uparrow M3_{+16}(\downarrow m6_{-16})$

$652 = 2^2 \bullet 163^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M3_{+18}(\downarrow m6_{-18})^1} = (1) + \uparrow M3_{+18}(\downarrow m6_{-18})$

$653 = 653^1 = \mathbf{(1) + \uparrow M3_{+21}(\downarrow m6_{-21})}$

$654 = 2^1 \bullet 3^1 \bullet 109^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M6_{+22}(\downarrow m3_{-22})^1} = (1) + \uparrow M3_{+24}(\downarrow m6_{-24})$

$655 = 5^1 \bullet 131^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow uni_{+40}(\downarrow 8ve_{-40})^1} = (1) + \uparrow M3_{+26}(\downarrow m6_{-26})$

$656 = 2^4 \bullet 41^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow M3_{+29}(\downarrow m6_{-29})^1} = (1) + \uparrow M3_{+29}(\downarrow m6_{-29})$

$657 = 3^2 \bullet 73^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M2_{+28}(\downarrow m7_{-28})^1} = (1) + \uparrow M3_{+32}(\downarrow m6_{-32})$

$658 = 2^1 \bullet 7^1 \bullet 47^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow P5_{-34}(\downarrow P4_{+34})^1} = (1) + \uparrow M3_{+34}(\downarrow m6_{-34})$

$659 = 659^1 = \mathbf{(1) + \uparrow M3_{+37}(\downarrow m6_{-37})}$

$660 = 2^2 \bullet 3^1 \bullet 5^1 \bullet 11^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1} = (1) + \uparrow M3_{+40}(\downarrow m6_{-40})$

$661 = 661^1 = \mathbf{(1) + \uparrow M3_{+42}(\downarrow m6_{-42})}$

$662 = 2^1 \bullet 331^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{+45}(\downarrow m6_{-45})^1} = (1) + \uparrow M3_{+45}(\downarrow m6_{-45})$

$663 = 3^1 \bullet 13^1 \bullet 17^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1} = (1) + \uparrow M3_{+47}(\downarrow m6_{-47})$

$664 = 2^3 \bullet 83^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow P4_{-50}(\downarrow P5_{+50})^1} = (1) + \uparrow P4_{-50}(\downarrow P5_{+50})$

$665 = 5^1 \bullet 7^1 \bullet 19^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1} = (1) + \uparrow P4_{-47}(\downarrow P5_{+47})$

$666 = 2^1 \bullet 3^2 \bullet 37^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m3_{-49}(\downarrow M6_{+49})^1} = (1) + \uparrow P4_{-45}(\downarrow P5_{+45})$

$667 = 23^1 \bullet 29^1 = \mathbf{(1) + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1} = (1) + \uparrow P4_{-42}(\downarrow P5_{+42})$

$668 = 2^2 \bullet 167^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P4_{-40}(\downarrow P5_{+40})^1} = (1) + \uparrow P4_{-40}(\downarrow P5_{+40})$

$669 = 3^1 \bullet 223^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-39}(\downarrow M2_{+39})^1} = (1) + \uparrow P4_{-37}(\downarrow P5_{+37})$

$670 = 2^1 \bullet 5^1 \bullet 67^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m2_{-21}(\downarrow M7_{+21})^1} = (1) + \uparrow P4_{-34}(\downarrow P5_{+34})$

$671 = 11^1 \bullet 61^1 = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow M7_{+17}(\downarrow m2_{-17})^1} = (1) + \uparrow P4_{-32}(\downarrow P5_{+32})$

$672 = 2^5 \bullet 3^1 \bullet 7^1 = \mathbf{(1) + \updownarrow 8ve(uni)^5 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1} = (1) + \uparrow P4_{-29}(\downarrow P5_{+29})$

$673 = 673^1 = \mathbf{(1) + \uparrow P4_{-27}(\downarrow P5_{+27})}$

$674 = 2^1 \bullet 337^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P4_{-24}(\downarrow P5_{+24})^1} = (1) + \uparrow P4_{-24}(\downarrow P5_{+24})$

$675 = 3^3 \bullet 5^2 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow M3_{-14}(\downarrow m6_{+14})^2} = (1) + \uparrow P4_{-22}(\downarrow P5_{+22})$

$676 = 2^2 \bullet 13^2 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m6_{+41}(\downarrow M3_{-41})^2} = (1) + \uparrow P4_{-19}(\downarrow P5_{+19})$

$677 = 677^1 = \mathbf{(1) + \uparrow P4_{-16}(\downarrow P5_{+16})}$

$678 = 2^1 \bullet 3^1 \bullet 113^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-16}(\downarrow M2_{+16})^1} = (1) + \uparrow P4_{-14}(\downarrow P5_{+14})$

$679 = 7^1 \bullet 97^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow P5_{+20}(\downarrow P4_{-20})^1} = (1) + \uparrow P4_{-11}(\downarrow P5_{+11})$

$680 = 2^3 \bullet 5^1 \bullet 17^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1} = (1) + \uparrow P4_{-9}(\downarrow P5_{+9})$

$681 = 3^1 \bullet 227^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-8}(\downarrow M2_{+8})^1} = (1) + \uparrow P4_{-6}(\downarrow P5_{+6})$

$682 = 2^1 \bullet 11^1 \bullet 31^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow M7_{+45}(\downarrow m2_{-45})^1} = (1) + \uparrow P4_{-4}(\downarrow P5_{+4})$

$683 = 683^1 = \mathbf{(1) + \uparrow P4_{-1}(\downarrow P5_{+1})}$

$684 = 2^2 \bullet 3^2 \bullet 19^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m3_{-2}(\downarrow M6_{+2})^1} = (1) + \uparrow P4_{+1}(\downarrow P5_{-1})$

$685 = 5^1 \bullet 137^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m2_{+18}(\downarrow M7_{-18})^1} = (1) + \uparrow P4_{+4}(\downarrow P5_{-4})$

$686 = 2^1 \bullet 7^3 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^3} = (1) + \uparrow P4_{+6}(\downarrow P5_{-6})$

$687 = 3^1 \bullet 229^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{+7}(\downarrow M2_{-7})^1} = (1) + \uparrow P4_{+9}(\downarrow P5_{-9})$

$688 = 2^4 \bullet 43^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow P4_{+12}(\downarrow P5_{-12})^1} = (1) + \uparrow P4_{+12}(\downarrow P5_{-12})$

$689 = 13^1 \bullet 53^1 = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow M6_{-26}(\downarrow m3_{+26})^1} = (1) + \uparrow P4_{+14}(\downarrow P5_{-14})$

$690 = 2^1 \bullet 3^1 \bullet 5^1 \bullet 23^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1} = (1) + \uparrow P4_{+17}(\downarrow P5_{-17})$

$691 = 691^1 = \mathbf{(1) + \uparrow P4_{+19}(\downarrow P5_{-19})}$

$692 = 2^2 \bullet 173^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P4_{+22}(\downarrow P5_{-22})^1} = (1) + \uparrow P4_{+22}(\downarrow P5_{-22})$

$693 = 3^2 \bullet 7^1 \bullet 11^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1} = (1) + \uparrow P4_{+24}(\downarrow P5_{-24})$

$694 = 2^1 \bullet 347^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P4_{+27}(\downarrow P5_{-27})^1} = (1) + \uparrow P4_{+27}(\downarrow P5_{-27})$

$695 = 5^1 \bullet 139^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m2_{+43}(\downarrow M7_{-43})^1} = (1) + \uparrow P4_{+29}(\downarrow P5_{-29})$

$696 = 2^3 \bullet 3^1 \bullet 29^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1} = (1) + \uparrow P4_{+32}(\downarrow P5_{-32})$

$697 = 17^1 \bullet 41^1 = \mathbf{(1) + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow M3_{+29}(\downarrow m6_{-29})^1} = (1) + \uparrow P4_{+34}(\downarrow P5_{-34})$

$698 = 2^1 \bullet 349^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P4_{+36}(\downarrow P5_{-36})^1} = (1) + \uparrow P4_{+36}(\downarrow P5_{-36})$

$699 = 3^1 \bullet 233^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{+37}(\downarrow M2_{-37})^1} = (1) + \uparrow P4_{+39}(\downarrow P5_{-39})$

$700 = 2^2 \bullet 5^2 \bullet 7^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow m7_{-31}(\downarrow M2_{+31})^1} = (1) + \uparrow P4_{+41}(\downarrow P5_{-41})$

$701 = 701^1 = \mathbf{(1) + \uparrow P4_{+44}(\downarrow P5_{-44})}$

$702 = 2^1 \bullet 3^3 \bullet 13^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow m6_{+41}(\downarrow M3_{-41})^1} = (1) + \uparrow P4_{+46}(\downarrow P5_{-46})$

$703 = 19^1 \bullet 37^1 = \mathbf{(1) + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow m3_{-49}(\downarrow M6_{+49})^1} = (1) + \uparrow P4_{+49}(\downarrow P5_{-49})$

$704 = 2^6 \bullet 11^1 = \mathbf{(1) + \updownarrow 8ve(uni)^6 + \uparrow tt_{-49}(\downarrow tt_{+49})^1} = (1) + \uparrow tt_{-49}(\downarrow tt_{+49})$

$705 = 3^1 \bullet 5^1 \bullet 47^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow P5_{-34}(\downarrow P4_{+34})^1} = (1) + \uparrow tt_{-46}(\downarrow tt_{+46})$

$706 = 2^1 \bullet 353^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow tt_{-44}(\downarrow tt_{+44})^1} = (1) + \uparrow tt_{-44}(\downarrow tt_{+44})$

$707 = 7^1 \bullet 101^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m6_{-10}(\downarrow M3_{+10})^1} = (1) + \uparrow tt_{-41}(\downarrow tt_{+41})$

$708 = 2^2 \bullet 3^1 \bullet 59^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M7_{-41}(\downarrow m2_{+41})^1} = (1) + \uparrow tt_{-39}(\downarrow tt_{+39})$

$709 = 709^1 = \mathbf{(1) + \uparrow tt_{-36}(\downarrow tt_{+36})}$

$710 = 2^1 \bullet 5^1 \bullet 71^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M2_{-20}(\downarrow m7_{+20})^1} = (1) + \uparrow tt_{-34}(\downarrow tt_{+34})$

$711 = 3^2 \bullet 79^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M3_{-35}(\downarrow m6_{+35})^1} = (1) + \uparrow tt_{-32}(\downarrow tt_{+32})$

$712 = 2^3 \bullet 89^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow tt_{-29}(\downarrow tt_{+29})^1} = (1) + \uparrow tt_{-29}(\downarrow tt_{+29})$

$713 = 23^1 \bullet 31^1 = \mathbf{(1) + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow M7_{+45}(\downarrow m2_{-45})^1} = (1) + \uparrow tt_{-27}(\downarrow tt_{+27})$

$714 = 2^1 \bullet 3^1 \bullet 7^1 \bullet 17^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1} = (1) + \uparrow tt_{-24}(\downarrow tt_{+24})$

$715 = 5^1 \bullet 11^1 \bullet 13^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1} = (1) + \uparrow tt_{-22}(\downarrow tt_{+22})$

$716 = 2^2 \bullet 179^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow tt_{-19}(\downarrow tt_{+19})^1} = (1) + \uparrow tt_{-19}(\downarrow tt_{+19})$

$717 = 3^1 \bullet 239^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M7_{-19}(\downarrow m2_{+19})^1} = (1) + \uparrow tt_{-17}(\downarrow tt_{+17})$

$718 = 2^1 \bullet 359^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow tt_{-15}(\downarrow tt_{+15})^1} = (1) + \uparrow tt_{-15}(\downarrow tt_{+15})$

$719 = 719^1 = \mathbf{(1) + \uparrow tt_{-12}(\downarrow tt_{+12})}$

$720 = 2^4 \bullet 3^2 \bullet 5^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1} = (1) + \uparrow tt_{-10}(\downarrow tt_{+10})$

$721 = 7^1 \bullet 103^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m6_{+24}(\downarrow M3_{-24})^1} = (1) + \uparrow tt_{-7}(\downarrow tt_{+7})$

$722 = 2^1 \bullet 19^2 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^2} = (1) + \uparrow tt_{-5}(\downarrow tt_{+5})$

$723 = 3^1 \bullet 241^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M7_{-5}(\downarrow m2_{+5})^1} = (1) + \uparrow tt_{-3}(\downarrow tt_{+3})$

$724 = 2^2 \bullet 181^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow tt_{+0}(\downarrow tt_{-0})^1} = (1) + \uparrow tt_{+0}(\downarrow tt_{-0})$

$725 = 5^2 \bullet 29^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow m7_{+30}(\downarrow M2_{-30})^1} = (1) + \uparrow tt_{+2}(\downarrow tt_{-2})$

$726 = 2^1 \bullet 3^1 \bullet 11^2 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^2} = (1) + \uparrow tt_{+5}(\downarrow tt_{-5})$

$727 = 727^1 = \mathbf{(1) + \uparrow tt_{+7}(\downarrow tt_{-7})}$

$728 = 2^3 \bullet 7^1 \bullet 13^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1} = (1) + \uparrow tt_{+9}(\downarrow tt_{-9})$

$729 = 3^6 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^6} = (1) + \uparrow tt_{+12}(\downarrow tt_{-12})$

$730 = 2^1 \bullet 5^1 \bullet 73^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M2_{+28}(\downarrow m7_{-28})^1} = (1) + \uparrow tt_{+14}(\downarrow tt_{-14})$

$731 = 17^1 \bullet 43^1 = \mathbf{(1) + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow P4_{+12}(\downarrow P5_{-12})^1} = (1) + \uparrow tt_{+16}(\downarrow tt_{-16})$

$732 = 2^2 \bullet 3^1 \bullet 61^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M7_{+17}(\downarrow m2_{-17})^1} = (1) + \uparrow tt_{+19}(\downarrow tt_{-19})$

$733 = 733^1 = \mathbf{(1) + \uparrow tt_{+21}(\downarrow tt_{-21})}$

$734 = 2^1 \bullet 367^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow tt_{+24}(\downarrow tt_{-24})^1} = (1) + \uparrow tt_{+24}(\downarrow tt_{-24})$

$735 = 3^1 \bullet 5^1 \bullet 7^2 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^2} = (1) + \uparrow tt_{+26}(\downarrow tt_{-26})$

$736 = 2^5 \bullet 23^1 = \mathbf{(1) + \updownarrow 8ve(uni)^5 + \uparrow tt_{+28}(\downarrow tt_{-28})^1} = (1) + \uparrow tt_{+28}(\downarrow tt_{-28})$

$737 = 11^1 \bullet 67^1 = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m2_{-21}(\downarrow M7_{+21})^1} = (1) + \uparrow tt_{+31}(\downarrow tt_{-31})$

$738 = 2^1 \bullet 3^2 \bullet 41^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M3_{+29}(\downarrow m6_{-29})^1} = (1) + \uparrow tt_{+33}(\downarrow tt_{-33})$

$739 = 739^1 = \mathbf{(1) + \uparrow tt_{+35}(\downarrow tt_{-35})}$

$740 = 2^2 \bullet 5^1 \bullet 37^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m3_{-49}(\downarrow M6_{+49})^1} = (1) + \uparrow tt_{+38}(\downarrow tt_{-38})$

$741 = 3^1 \bullet 13^1 \bullet 19^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1} = (1) + \uparrow tt_{+40}(\downarrow tt_{-40})$

$742 = 2^1 \bullet 7^1 \bullet 53^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M6_{-26}(\downarrow m3_{+26})^1} = (1) + \uparrow tt_{+42}(\downarrow tt_{-42})$

$743 = 743^1 = \mathbf{(1) + \uparrow tt_{+45}(\downarrow tt_{-45})}$

$744 = 2^3 \bullet 3^1 \bullet 31^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M7_{+45}(\downarrow m2_{-45})^1} = (1) + \uparrow tt_{+47}(\downarrow tt_{-47})$

$745 = 5^1 \bullet 149^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m3_{-37}(\downarrow M6_{+37})^1} = (1) + \uparrow tt_{+49}(\downarrow tt_{-49})$

$746 = 2^1 \bullet 373^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{-48}(\downarrow P4_{+48})^1} = (1) + \uparrow P5_{-48}(\downarrow P4_{+48})$

$747 = 3^2 \bullet 83^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow P4_{-50}(\downarrow P5_{+50})^1} = (1) + \uparrow P5_{-46}(\downarrow P4_{+46})$

$748 = 2^2 \bullet 11^1 \bullet 17^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1} = (1) + \uparrow P5_{-44}(\downarrow P4_{+44})$

$749 = 7^1 \bullet 107^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M6_{-10}(\downarrow m3_{+10})^1} = (1) + \uparrow P5_{-41}(\downarrow P4_{+41})$

$750 = 2^1 \bullet 3^1 \bullet 5^3 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^3} = (1) + \uparrow P5_{-39}(\downarrow P4_{+39})$

$751 = 751^1 = \mathbf{(1) + \uparrow P5_{-37}(\downarrow P4_{+37})}$

$752 = 2^4 \bullet 47^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow P5_{-34}(\downarrow P4_{+34})^1} = (1) + \uparrow P5_{-34}(\downarrow P4_{+34})$

$753 = 3^1 \bullet 251^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow 8ve_{-34}(\downarrow uni_{+34})^1} = (1) + \uparrow P5_{-32}(\downarrow P4_{+32})$

$754 = 2^1 \bullet 13^1 \bullet 29^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1} = (1) + \uparrow P5_{-30}(\downarrow P4_{+30})$

$755 = 5^1 \bullet 151^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m3_{-14}(\downarrow M6_{+14})^1} = (1) + \uparrow P5_{-28}(\downarrow P4_{+28})$

$756 = 2^2 \bullet 3^3 \bullet 7^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow m7_{-31}(\downarrow M2_{+31})^1} = (1) + \uparrow P5_{-25}(\downarrow P4_{+25})$

$757 = 757^1 = \mathbf{(1) + \uparrow P5_{-23}(\downarrow P4_{+23})}$

$758 = 2^1 \bullet 379^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{-21}(\downarrow P4_{+21})^1} = (1) + \uparrow P5_{-21}(\downarrow P4_{+21})$

$759 = 3^1 \bullet 11^1 \bullet 23^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1} = (1) + \uparrow P5_{-18}(\downarrow P4_{+18})$

$760 = 2^3 \bullet 5^1 \bullet 19^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1} = (1) + \uparrow P5_{-16}(\downarrow P4_{+16})$

$761 = 761^1 = \mathbf{(1) + \uparrow P5_{-14}(\downarrow P4_{+14})}$

$762 = 2^1 \bullet 3^1 \bullet 127^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow 8ve_{-14}(\downarrow uni_{+14})^1} = (1) + \uparrow P5_{-12}(\downarrow P4_{+12})$

$763 = 7^1 \bullet 109^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M6_{+22}(\downarrow m3_{-22})^1} = (1) + \uparrow P5_{-9}(\downarrow P4_{+9})$

$764 = 2^2 \bullet 191^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{-7}(\downarrow P4_{+7})^1} = (1) + \uparrow P5_{-7}(\downarrow P4_{+7})$

$765 = 3^2 \bullet 5^1 \bullet 17^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1} = (1) + \uparrow P5_{-5}(\downarrow P4_{+5})$

$766 = 2^1 \bullet 383^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{-3}(\downarrow P4_{+3})^1} = (1) + \uparrow P5_{-3}(\downarrow P4_{+3})$

$767 = 13^1 \bullet 59^1 = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow M7_{-41}(\downarrow m2_{+41})^1} = (1) + \uparrow P5_{+0}(\downarrow P4_{-0})$

$768 = 2^8 \bullet 3^1 = \mathbf{(1) + \updownarrow 8ve(uni)^8 + \uparrow P5_{+2}(\downarrow P4_{-2})^1} = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})$

$769 = 769^1 = \mathbf{(1) + \uparrow P5_{+4}(\downarrow P4_{-4})}$

$770 = 2^1 \bullet 5^1 \bullet 7^1 \bullet 11^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1} = (1) + \uparrow P5_{+6}(\downarrow P4_{-6})$

$771 = 3^1 \bullet 257^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow uni_{+7}(\downarrow 8ve_{-7})^1} = (1) + \uparrow P5_{+9}(\downarrow P4_{-9})$

$772 = 2^2 \bullet 193^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+11}(\downarrow P4_{-11})^1} = (1) + \uparrow P5_{+11}(\downarrow P4_{-11})$

$773 = 773^1 = \mathbf{(1) + \uparrow P5_{+13}(\downarrow P4_{-13})}$

$774 = 2^1 \bullet 3^2 \bullet 43^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow P4_{+12}(\downarrow P5_{-12})^1} = (1) + \uparrow P5_{+15}(\downarrow P4_{-15})$

$775 = 5^2 \bullet 31^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow M7_{+45}(\downarrow m2_{-45})^1} = (1) + \uparrow P5_{+18}(\downarrow P4_{-18})$

$776 = 2^3 \bullet 97^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{+20}(\downarrow P4_{-20})^1} = (1) + \uparrow P5_{+20}(\downarrow P4_{-20})$

$777 = 3^1 \bullet 7^1 \bullet 37^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m3_{-49}(\downarrow M6_{+49})^1} = (1) + \uparrow P5_{+22}(\downarrow P4_{-22})$

$778 = 2^1 \bullet 389^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+24}(\downarrow P4_{-24})^1} = (1) + \uparrow P5_{+24}(\downarrow P4_{-24})$

$779 = 19^1 \bullet 41^1 = \mathbf{(1) + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow M3_{+29}(\downarrow m6_{-29})^1} = (1) + \uparrow P5_{+27}(\downarrow P4_{-27})$

$780 = 2^2 \bullet 3^1 \bullet 5^1 \bullet 13^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1} = (1) + \uparrow P5_{+29}(\downarrow P4_{-29})$

$781 = 11^1 \bullet 71^1 = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow M2_{-20}(\downarrow m7_{+20})^1} = (1) + \uparrow P5_{+31}(\downarrow P4_{-31})$

$782 = 2^1 \bullet 17^1 \bullet 23^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1} = (1) + \uparrow P5_{+33}(\downarrow P4_{-33})$

$783 = 3^3 \bullet 29^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow m7_{+30}(\downarrow M2_{-30})^1} = (1) + \uparrow P5_{+35}(\downarrow P4_{-35})$

$784 = 2^4 \bullet 7^2 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow m7_{-31}(\downarrow M2_{+31})^2} = (1) + \uparrow P5_{+38}(\downarrow P4_{-38})$

$785 = 5^1 \bullet 157^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M3_{-46}(\downarrow m6_{+46})^1} = (1) + \uparrow P5_{+40}(\downarrow P4_{-40})$

$786 = 2^1 \bullet 3^1 \bullet 131^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow uni_{+40}(\downarrow 8ve_{-40})^1} = (1) + \uparrow P5_{+42}(\downarrow P4_{-42})$

$787 = 787^1 = \mathbf{(1) + \uparrow P5_{+44}(\downarrow P4_{-44})}$

$788 = 2^2 \bullet 197^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+46}(\downarrow P4_{-46})^1} = (1) + \uparrow P5_{+46}(\downarrow P4_{-46})$

$789 = 3^1 \bullet 263^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow uni_{+47}(\downarrow 8ve_{-47})^1} = (1) + \uparrow P5_{+49}(\downarrow P4_{-49})$

$790 = 2^1 \bullet 5^1 \bullet 79^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M3_{-35}(\downarrow m6_{+35})^1} = (1) + \uparrow m6_{-49}(\downarrow M3_{+49})$

$791 = 7^1 \bullet 113^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m7_{-16}(\downarrow M2_{+16})^1} = (1) + \uparrow m6_{-47}(\downarrow M3_{+47})$

$792 = 2^3 \bullet 3^2 \bullet 11^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow tt_{-49}(\downarrow tt_{+49})^1} = (1) + \uparrow m6_{-45}(\downarrow M3_{+45})$

$793 = 13^1 \bullet 61^1 = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow M7_{+17}(\downarrow m2_{-17})^1} = (1) + \uparrow m6_{-43}(\downarrow M3_{+43})$

$794 = 2^1 \bullet 397^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m6_{-40}(\downarrow M3_{+40})^1} = (1) + \uparrow m6_{-40}(\downarrow M3_{+40})$

$795 = 3^1 \bullet 5^1 \bullet 53^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M6_{-26}(\downarrow m3_{+26})^1} = (1) + \uparrow m6_{-38}(\downarrow M3_{+38})$

$796 = 2^2 \bullet 199^1 = (1) + \updownarrow 8ve(uni)^2 + \uparrow m6_{-36}(\downarrow M3_{+36})^1 = (1) + \uparrow m6_{-36}(\downarrow M3_{+36})$

$797 = 797^1 = (1) + \uparrow m6_{-34}(\downarrow M3_{+34})$

$798 = 2^1 \bullet 3^1 \bullet 7^1 \bullet 19^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 = (1) + \uparrow m6_{-32}(\downarrow M3_{+32})$

$799 = 17^1 \bullet 47^1 = (1) + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow P5_{-34}(\downarrow P4_{+34})^1 = (1) + \uparrow m6_{-30}(\downarrow M3_{+30})$

$800 = 2^5 \bullet 5^2 = (1) + \updownarrow 8ve(uni)^5 + \uparrow M3_{-14}(\downarrow m6_{+14})^2 = (1) + \uparrow m6_{-27}(\downarrow M3_{+27})$

$801 = 3^2 \bullet 89^1 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow tt_{-29}(\downarrow tt_{+29})^1 = (1) + \uparrow m6_{-25}(\downarrow M3_{+25})$

$802 = 2^1 \bullet 401^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow m6_{-23}(\downarrow M3_{+23})^1 = (1) + \uparrow m6_{-23}(\downarrow M3_{+23})$

$803 = 11^1 \bullet 73^1 = (1) + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow M2_{+28}(\downarrow m7_{-28})^1 = (1) + \uparrow m6_{-21}(\downarrow M3_{+21})$

$804 = 2^2 \bullet 3^1 \bullet 67^1 = (1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m2_{-21}(\downarrow M7_{+21})^1 = (1) + \uparrow m6_{-19}(\downarrow M3_{+19})$

$805 = 5^1 \bullet 7^1 \bullet 23^1 = (1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1 = (1) + \uparrow m6_{-17}(\downarrow M3_{+17})$

$806 = 2^1 \bullet 13^1 \bullet 31^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow M7_{+45}(\downarrow m2_{-45})^1 = (1) + \uparrow m6_{-14}(\downarrow M3_{+14})$

$807 = 3^1 \bullet 269^1 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m2_{-14}(\downarrow M7_{+14})^1 = (1) + \uparrow m6_{-12}(\downarrow M3_{+12})$

$808 = 2^3 \bullet 101^1 = (1) + \updownarrow 8ve(uni)^3 + \uparrow m6_{-10}(\downarrow M3_{+10})^1 = (1) + \uparrow m6_{-10}(\downarrow M3_{+10})$

$809 = 809^1 = (1) + \uparrow m6_{-8}(\downarrow M3_{+8})$

$810 = 2^1 \bullet 3^4 \bullet 5^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^4 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 = (1) + \uparrow m6_{-6}(\downarrow M3_{+6})$

$811 = 811^1 = (1) + \uparrow m6_{-4}(\downarrow M3_{+4})$

$812 = 2^2 \bullet 7^1 \bullet 29^1 = (1) + \updownarrow 8ve(uni)^2 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1 = (1) + \uparrow m6_{-2}(\downarrow M3_{+2})$

$813 = 3^1 \bullet 271^1 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m2_{-1}(\downarrow M7_{+1})^1 = (1) + \uparrow m6_{+1}(\downarrow M3_{-1})$

$814 = 2^1 \bullet 11^1 \bullet 37^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m3_{-49}(\downarrow M6_{+49})^1 = (1) + \uparrow m6_{+3}(\downarrow M3_{-3})$

$815 = 5^1 \bullet 163^1 = (1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M3_{+18}(\downarrow m6_{-18})^1 = (1) + \uparrow m6_{+5}(\downarrow M3_{-5})$

$816 = 2^4 \bullet 3^1 \bullet 17^1 = (1) + \updownarrow 8ve(uni)^4 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 = (1) + \uparrow m6_{+7}(\downarrow M3_{-7})$

$817 = 19^1 \bullet 43^1 = (1) + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow P4_{+12}(\downarrow P5_{-12})^1 = (1) + \uparrow m6_{+9}(\downarrow M3_{-9})$

$818 = 2^1 \bullet 409^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow m6_{+11}(\downarrow M3_{-11})^1 = (1) + \uparrow m6_{+11}(\downarrow M3_{-11})$

$819 = 3^2 \bullet 7^1 \bullet 13^1 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 = (1) + \uparrow m6_{+13}(\downarrow M3_{-13})$

$820 = 2^2 \bullet 5^1 \bullet 41^1 = (1) + \updownarrow 8ve(uni)^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M3_{+29}(\downarrow m6_{-29})^1 = (1) + \uparrow m6_{+15}(\downarrow M3_{-15})$

$821 = 821^1 = (1) + \uparrow m6_{+17}(\downarrow M3_{-17})$

$822 = 2^1 \bullet 3^1 \bullet 137^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m2_{+18}(\downarrow M7_{-18})^1 = (1) + \uparrow m6_{+20}(\downarrow M3_{-20})$

$823 = 823^1 = (1) + \uparrow m6_{+22}(\downarrow M3_{-22})$

$824 = 2^3 \bullet 103^1 = (1) + \updownarrow 8ve(uni)^3 + \uparrow m6_{+24}(\downarrow M3_{-24})^1 = (1) + \uparrow m6_{+24}(\downarrow M3_{-24})$

$825 = 3^1 \bullet 5^2 \bullet 11^1 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 = (1) + \uparrow m6_{+26}(\downarrow M3_{-26})$

$826 = 2^1 \bullet 7^1 \bullet 59^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M7_{-41}(\downarrow m2_{+41})^1 = (1) + \uparrow m6_{+28}(\downarrow M3_{-28})$

$827 = 827^1 = (1) + \uparrow m6_{+30}(\downarrow M3_{-30})$

$828 = 2^2 \bullet 3^2 \bullet 23^1 = (1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow tt_{+28}(\downarrow tt_{-28})^1 = (1) + \uparrow m6_{+32}(\downarrow M3_{-32})$

$829 = 829^1 = (1) + \uparrow m6_{+34}(\downarrow M3_{-34})$

$830 = 2^1 \bullet 5^1 \bullet 83^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow P4_{-50}(\downarrow P5_{+50})^1 = (1) + \uparrow m6_{+36}(\downarrow M3_{-36})$

$831 = 3^1 \bullet 277^1 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m2_{+36}(\downarrow M7_{-36})^1 = (1) + \uparrow m6_{+38}(\downarrow M3_{-38})$

$832 = 2^6 \bullet 13^1 = (1) + \updownarrow 8ve(uni)^6 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 = (1) + \uparrow m6_{+41}(\downarrow M3_{-41})$

$833 = 7^2 \bullet 17^1 = (1) + \uparrow m7_{-31}(\downarrow M2_{+31})^2 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 = (1) + \uparrow m6_{+43}(\downarrow M3_{-43})$

$834 = 2^1 \bullet 3^1 \bullet 139^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m2_{+43}(\downarrow M7_{-43})^1 = (1) + \uparrow m6_{+45}(\downarrow M3_{-45})$

$835 = 5^1 \bullet 167^1 = (1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow P4_{-40}(\downarrow P5_{+40})^1 = (1) + \uparrow m6_{+47}(\downarrow M3_{-47})$

$836 = 2^2 \bullet 11^1 \bullet 19^1 = (1) + \updownarrow 8ve(uni)^2 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 = (1) + \uparrow m6_{+49}(\downarrow M3_{-49})$

$837 = 3^3 \bullet 31^1 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow M7_{+45}(\downarrow m2_{-45})^1 = (1) + \uparrow M6_{-49}(\downarrow m3_{+49})$

$838 = 2^1 \bullet 419^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M6_{-47}(\downarrow m3_{+47})^1} = (1) + \uparrow M6_{-47}(\downarrow m3_{+47})$

$839 = 839^1 = \mathbf{(1) + \uparrow M6_{-45}(\downarrow m3_{+45})}$

$840 = 2^3 \bullet 3^1 \bullet 5^1 \bullet 7^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1} = (1) + \uparrow M6_{-43}(\downarrow m3_{+43})$

$841 = 29^2 = \mathbf{(1) + \uparrow m7_{+30}(\downarrow M2_{-30})^2} = (1) + \uparrow M6_{-41}(\downarrow m3_{+41})$

$842 = 2^1 \bullet 421^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M6_{-39}(\downarrow m3_{+39})^1} = (1) + \uparrow M6_{-39}(\downarrow m3_{+39})$

$843 = 3^1 \bullet 281^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M2_{-39}(\downarrow m7_{+39})^1} = (1) + \uparrow M6_{-37}(\downarrow m3_{+37})$

$844 = 2^2 \bullet 211^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M6_{-35}(\downarrow m3_{+35})^1} = (1) + \uparrow M6_{-35}(\downarrow m3_{+35})$

$845 = 5^1 \bullet 13^2 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^2} = (1) + \uparrow M6_{-33}(\downarrow m3_{+33})$

$846 = 2^1 \bullet 3^2 \bullet 47^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow P5_{-34}(\downarrow P4_{+34})^1} = (1) + \uparrow M6_{-31}(\downarrow m3_{+31})$

$847 = 7^1 \bullet 11^2 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^2} = (1) + \uparrow M6_{-29}(\downarrow m3_{+29})$

$848 = 2^4 \bullet 53^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow M6_{-26}(\downarrow m3_{+26})^1} = (1) + \uparrow M6_{-26}(\downarrow m3_{+26})$

$849 = 3^1 \bullet 283^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M2_{-26}(\downarrow m7_{+26})^1} = (1) + \uparrow M6_{-24}(\downarrow m3_{+24})$

$850 = 2^1 \bullet 5^2 \bullet 17^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow m2_{+5}(\downarrow M7_{-5})^1} = (1) + \uparrow M6_{-22}(\downarrow m3_{+22})$

$851 = 23^1 \bullet 37^1 = \mathbf{(1) + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow m3_{-49}(\downarrow M6_{+49})^1} = (1) + \uparrow M6_{-20}(\downarrow m3_{+20})$

$852 = 2^2 \bullet 3^1 \bullet 71^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M2_{-20}(\downarrow m7_{+20})^1} = (1) + \uparrow M6_{-18}(\downarrow m3_{+18})$

$853 = 853^1 = \mathbf{(1) + \uparrow M6_{-16}(\downarrow m3_{+16})}$

$854 = 2^1 \bullet 7^1 \bullet 61^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M7_{+17}(\downarrow m2_{-17})^1} = (1) + \uparrow M6_{-14}(\downarrow m3_{+14})$

$855 = 3^2 \bullet 5^1 \bullet 19^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1} = (1) + \uparrow M6_{-12}(\downarrow m3_{+12})$

$856 = 2^3 \bullet 107^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow M6_{-10}(\downarrow m3_{+10})^1} = (1) + \uparrow M6_{-10}(\downarrow m3_{+10})$

$857 = 857^1 = \mathbf{(1) + \uparrow M6_{-8}(\downarrow m3_{+8})}$

$858 = 2^1 \bullet 3^1 \bullet 11^1 \bullet 13^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1} = (1) + \uparrow M6_{-6}(\downarrow m3_{+6})$

$859 = 859^1 = \mathbf{(1) + \uparrow M6_{-4}(\downarrow m3_{+4})}$

$860 = 2^2 \bullet 5^1 \bullet 43^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow P4_{+12}(\downarrow P5_{-12})^1} = (1) + \uparrow M6_{-2}(\downarrow m3_{+2})$

$861 = 3^1 \bullet 7^1 \bullet 41^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M3_{+29}(\downarrow m6_{-29})^1} = (1) + \uparrow M6_{+0}(\downarrow m3_{-0})$

$862 = 2^1 \bullet 431^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M6_{+2}(\downarrow m3_{-2})^1} = (1) + \uparrow M6_{+2}(\downarrow m3_{-2})$

$863 = 863^1 = \mathbf{(1) + \uparrow M6_{+4}(\downarrow m3_{-4})}$

$864 = 2^5 \bullet 3^3 = \mathbf{(1) + \updownarrow 8ve(uni)^5 + \uparrow P5_{+2}(\downarrow P4_{-2})^3} = (1) + \uparrow M6_{+6}(\downarrow m3_{-6})$

$865 = 5^1 \bullet 173^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow P4_{+22}(\downarrow P5_{-22})^1} = (1) + \uparrow M6_{+8}(\downarrow m3_{-8})$

$866 = 2^1 \bullet 433^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M6_{+10}(\downarrow m3_{-10})^1} = (1) + \uparrow M6_{+10}(\downarrow m3_{-10})$

$867 = 3^1 \bullet 17^2 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^2} = (1) + \uparrow M6_{+12}(\downarrow m3_{-12})$

$868 = 2^2 \bullet 7^1 \bullet 31^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M7_{+45}(\downarrow m2_{-45})^1} = (1) + \uparrow M6_{+14}(\downarrow m3_{-14})$

$869 = 11^1 \bullet 79^1 = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow M3_{-35}(\downarrow m6_{+35})^1} = (1) + \uparrow M6_{+16}(\downarrow m3_{-16})$

$870 = 2^1 \bullet 3^1 \bullet 5^1 \bullet 29^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1} = (1) + \uparrow M6_{+18}(\downarrow m3_{-18})$

$871 = 13^1 \bullet 67^1 = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow m2_{-21}(\downarrow M7_{+21})^1} = (1) + \uparrow M6_{+20}(\downarrow m3_{-20})$

$872 = 2^3 \bullet 109^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow M6_{+22}(\downarrow m3_{-22})^1} = (1) + \uparrow M6_{+22}(\downarrow m3_{-22})$

$873 = 3^2 \bullet 97^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow P5_{+20}(\downarrow P4_{-20})^1} = (1) + \uparrow M6_{+24}(\downarrow m3_{-24})$

$874 = 2^1 \bullet 19^1 \bullet 23^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1} = (1) + \uparrow M6_{+26}(\downarrow m3_{-26})$

$875 = 5^3 \bullet 7^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^3 + \uparrow m7_{-31}(\downarrow M2_{+31})^1} = (1) + \uparrow M6_{+28}(\downarrow m3_{-28})$

$876 = 2^2 \bullet 3^1 \bullet 73^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M2_{+28}(\downarrow m7_{-28})^1} = (1) + \uparrow M6_{+30}(\downarrow m3_{-30})$

$877 = 877^1 = \mathbf{(1) + \uparrow M6_{+32}(\downarrow m3_{-32})}$

$878 = 2^1 \bullet 439^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M6_{+34}(\downarrow m3_{-34})^1} = (1) + \uparrow M6_{+34}(\downarrow m3_{-34})$

$879 = 3^1 \bullet 293^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M2_{+34}(\downarrow m7_{-34})^1} = (1) + \uparrow M6_{+36}(\downarrow m3_{-36})$

$880 = 2^4 \bullet 5^1 \bullet 11^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1} = (1) + \uparrow M6_{+38}(\downarrow m3_{-38})$

$881 = 881^1 = \mathbf{(1) + \uparrow M6_{+40}(\downarrow m3_{-40})}$

$882 = 2^1 \bullet 3^2 \bullet 7^2 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m7_{-31}(\downarrow M2_{+31})^2} = (1) + \uparrow M6_{+42}(\downarrow m3_{-42})$

$883 = 883^1 = \mathbf{(1) + \uparrow M6_{+44}(\downarrow m3_{-44})}$

$884 = 2^2 \bullet 13^1 \bullet 17^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1} = (1) + \uparrow M6_{+45}(\downarrow m3_{-45})$

$885 = 3^1 \bullet 5^1 \bullet 59^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M7_{-41}(\downarrow m2_{+41})^1} = (1) + \uparrow M6_{+47}(\downarrow m3_{-47})$

$886 = 2^1 \bullet 443^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M6_{+49}(\downarrow m3_{-49})^1} = (1) + \uparrow M6_{+49}(\downarrow m3_{-49})$

$887 = 887^1 = \mathbf{(1) + \uparrow m7_{-49}(\downarrow M2_{+49})}$

$888 = 2^3 \bullet 3^1 \bullet 37^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m3_{-49}(\downarrow M6_{+49})^1} = (1) + \uparrow m7_{-47}(\downarrow M2_{+47})$

$889 = 7^1 \bullet 127^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow 8ve_{-14}(\downarrow uni_{+14})^1} = (1) + \uparrow m7_{-45}(\downarrow M2_{+45})$

$890 = 2^1 \bullet 5^1 \bullet 89^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{-29}(\downarrow tt_{+29})^1} = (1) + \uparrow m7_{-43}(\downarrow M2_{+43})$

$891 = 3^4 \bullet 11^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^4 + \uparrow tt_{-49}(\downarrow tt_{+49})^1} = (1) + \uparrow m7_{-41}(\downarrow M2_{+41})$

$892 = 2^2 \bullet 223^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m7_{-39}(\downarrow M2_{+39})^1} = (1) + \uparrow m7_{-39}(\downarrow M2_{+39})$

$893 = 19^1 \bullet 47^1 = \mathbf{(1) + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow P5_{-34}(\downarrow P4_{+34})^1} = (1) + \uparrow m7_{-37}(\downarrow M2_{+37})$

$894 = 2^1 \bullet 3^1 \bullet 149^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m3_{-37}(\downarrow M6_{+37})^1} = (1) + \uparrow m7_{-35}(\downarrow M2_{+35})$

$895 = 5^1 \bullet 179^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{-19}(\downarrow tt_{+19})^1} = (1) + \uparrow m7_{-33}(\downarrow M2_{+33})$

$896 = 2^7 \bullet 7^1 = \mathbf{(1) + \updownarrow 8ve(uni)^7 + \uparrow m7_{-31}(\downarrow M2_{+31})^1} = (1) + \uparrow m7_{-31}(\downarrow M2_{+31})$

$897 = 3^1 \bullet 13^1 \bullet 23^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1} = (1) + \uparrow m7_{-29}(\downarrow M2_{+29})$

$898 = 2^1 \bullet 449^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-27}(\downarrow M2_{+27})^1} = (1) + \uparrow m7_{-27}(\downarrow M2_{+27})$

$899 = 29^1 \bullet 31^1 = \mathbf{(1) + \uparrow m7_{+30}(\downarrow M2_{-30})^1 + \uparrow M7_{+45}(\downarrow m2_{-45})^1} = (1) + \uparrow m7_{-25}(\downarrow M2_{+25})$

$900 = 2^2 \bullet 3^2 \bullet 5^2 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^2} = (1) + \uparrow m7_{-23}(\downarrow M2_{+23})$

$901 = 17^1 \bullet 53^1 = \mathbf{(1) + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow M6_{-26}(\downarrow m3_{+26})^1} = (1) + \uparrow m7_{-22}(\downarrow M2_{+22})$

$902 = 2^1 \bullet 11^1 \bullet 41^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow M3_{+29}(\downarrow m6_{-29})^1} = (1) + \uparrow m7_{-20}(\downarrow M2_{+20})$

$903 = 3^1 \bullet 7^1 \bullet 43^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow P4_{+12}(\downarrow P5_{-12})^1} = (1) + \uparrow m7_{-18}(\downarrow M2_{+18})$

$904 = 2^3 \bullet 113^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow m7_{-16}(\downarrow M2_{+16})^1} = (1) + \uparrow m7_{-16}(\downarrow M2_{+16})$

$905 = 5^1 \bullet 181^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{+0}(\downarrow tt_{-0})^1} = (1) + \uparrow m7_{-14}(\downarrow M2_{+14})$

$906 = 2^1 \bullet 3^1 \bullet 151^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m3_{-14}(\downarrow M6_{+14})^1} = (1) + \uparrow m7_{-12}(\downarrow M2_{+12})$

$907 = 907^1 = \mathbf{(1) + \uparrow m7_{-10}(\downarrow M2_{+10})}$

$908 = 2^2 \bullet 227^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m7_{-8}(\downarrow M2_{+8})^1} = (1) + \uparrow m7_{-8}(\downarrow M2_{+8})$

$909 = 3^2 \bullet 101^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m6_{-10}(\downarrow M3_{+10})^1} = (1) + \uparrow m7_{-6}(\downarrow M2_{+6})$

$910 = 2^1 \bullet 5^1 \bullet 7^1 \bullet 13^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1} = (1) + \uparrow m7_{-4}(\downarrow M2_{+4})$

$911 = 911^1 = \mathbf{(1) + \uparrow m7_{-2}(\downarrow M2_{+2})}$

$912 = 2^4 \bullet 3^1 \bullet 19^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1} = (1) + \uparrow m7_{-1}(\downarrow M2_{+1})$

$913 = 11^1 \bullet 83^1 = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow P4_{-50}(\downarrow P5_{+50})^1} = (1) + \uparrow m7_{+1}(\downarrow M2_{-1})$

$914 = 2^1 \bullet 457^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{+3}(\downarrow M2_{-3})^1} = (1) + \uparrow m7_{+3}(\downarrow M2_{-3})$

$915 = 3^1 \bullet 5^1 \bullet 61^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M7_{+17}(\downarrow m2_{-17})^1} = (1) + \uparrow m7_{+5}(\downarrow M2_{-5})$

$916 = 2^2 \bullet 229^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m7_{+7}(\downarrow M2_{-7})^1} = (1) + \uparrow m7_{+7}(\downarrow M2_{-7})$

$917 = 7^1 \bullet 131^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow uni_{+40}(\downarrow 8ve_{-40})^1} = (1) + \uparrow m7_{+9}(\downarrow M2_{-9})$

$918 = 2^1 \bullet 3^3 \bullet 17^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow m2_{+5}(\downarrow M7_{-5})^1} = (1) + \uparrow m7_{+11}(\downarrow M2_{-11})$

$919 = 919^1 = \mathbf{(1) + \uparrow m7_{+13}(\downarrow M2_{-13})}$

$920 = 2^3 \bullet 5^1 \bullet 23^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1} = (1) + \uparrow m7_{+15}(\downarrow M2_{-15})$

$921 = 3^1 \bullet 307^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m3_{+15}(\downarrow M6_{-15})^1} = (1) + \uparrow m7_{+16}(\downarrow M2_{-16})$

$922 = 2^1 \bullet 461^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{+18}(\downarrow M2_{-18})^1} = (1) + \uparrow m7_{+18}(\downarrow M2_{-18})$

$923 = 13^1 \bullet 71^1 = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow M2_{-20}(\downarrow m7_{+20})^1} = (1) + \uparrow m7_{+20}(\downarrow M2_{-20})$

$924 = 2^2 \bullet 3^1 \bullet 7^1 \bullet 11^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1} = (1) + \uparrow m7_{+22}(\downarrow M2_{-22})$

$925 = 5^2 \bullet 37^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow m3_{-49}(\downarrow M6_{+49})^1} = (1) + \uparrow m7_{+24}(\downarrow M2_{-24})$

$926 = 2^1 \bullet 463^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{+26}(\downarrow M2_{-26})^1} = (1) + \uparrow m7_{+26}(\downarrow M2_{-26})$

$927 = 3^2 \bullet 103^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m6_{+24}(\downarrow M3_{-24})^1} = (1) + \uparrow m7_{+28}(\downarrow M2_{-28})$

$928 = 2^5 \bullet 29^1 = \mathbf{(1) + \updownarrow 8ve(uni)^5 + \uparrow m7_{+30}(\downarrow M2_{-30})^1} = (1) + \uparrow m7_{+30}(\downarrow M2_{-30})$

$929 = 929^1 = \mathbf{(1) + \uparrow m7_{+31}(\downarrow M2_{-31})}$

$930 = 2^1 \bullet 3^1 \bullet 5^1 \bullet 31^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M7_{+45}(\downarrow m2_{-45})^1} = (1) + \uparrow m7_{+33}(\downarrow M2_{-33})$

$931 = 7^2 \bullet 19^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^2 + \uparrow m3_{-2}(\downarrow M6_{+2})^1} = (1) + \uparrow m7_{+35}(\downarrow M2_{-35})$

$932 = 2^2 \bullet 233^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m7_{+37}(\downarrow M2_{-37})^1} = (1) + \uparrow m7_{+37}(\downarrow M2_{-37})$

$933 = 3^1 \bullet 311^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m3_{+37}(\downarrow M6_{-37})^1} = (1) + \uparrow m7_{+39}(\downarrow M2_{-39})$

$934 = 2^1 \bullet 467^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{+41}(\downarrow M2_{-41})^1} = (1) + \uparrow m7_{+41}(\downarrow M2_{-41})$

$935 = 5^1 \bullet 11^1 \bullet 17^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1} = (1) + \uparrow m7_{+43}(\downarrow M2_{-43})$

$936 = 2^3 \bullet 3^2 \bullet 13^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m6_{+41}(\downarrow M3_{-41})^1} = (1) + \uparrow m7_{+44}(\downarrow M2_{-44})$

$937 = 937^1 = \mathbf{(1) + \uparrow m7_{+46}(\downarrow M2_{-46})}$

$938 = 2^1 \bullet 7^1 \bullet 67^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m2_{-21}(\downarrow M7_{+21})^1} = (1) + \uparrow m7_{+48}(\downarrow M2_{-48})$

$939 = 3^1 \bullet 313^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m3_{+48}(\downarrow M6_{-48})^1} = (1) + \uparrow m7_{+50}(\downarrow M2_{-50})$

$940 = 2^2 \bullet 5^1 \bullet 47^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow P5_{-34}(\downarrow P4_{+34})^1} = (1) + \uparrow M7_{-48}(\downarrow m2_{+48})$

$941 = 941^1 = \mathbf{(1) + \uparrow M7_{-46}(\downarrow m2_{+46})}$

$942 = 2^1 \bullet 3^1 \bullet 157^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-46}(\downarrow m6_{+46})^1} = (1) + \uparrow M7_{-45}(\downarrow m2_{+45})$

$943 = 23^1 \bullet 41^1 = \mathbf{(1) + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow M3_{+29}(\downarrow m6_{-29})^1} = (1) + \uparrow M7_{-43}(\downarrow m2_{+43})$

$944 = 2^4 \bullet 59^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow M7_{-41}(\downarrow m2_{+41})^1} = (1) + \uparrow M7_{-41}(\downarrow m2_{+41})$

$945 = 3^3 \bullet 5^1 \bullet 7^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1} = (1) + \uparrow M7_{-39}(\downarrow m2_{+39})$

$946 = 2^1 \bullet 11^1 \bullet 43^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow P4_{+12}(\downarrow P5_{-12})^1} = (1) + \uparrow M7_{-37}(\downarrow m2_{+37})$

$947 = 947^1 = \mathbf{(1) + \uparrow M7_{-35}(\downarrow m2_{+35})}$

$948 = 2^2 \bullet 3^1 \bullet 79^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-35}(\downarrow m6_{+35})^1} = (1) + \uparrow M7_{-34}(\downarrow m2_{+34})$

$949 = 13^1 \bullet 73^1 = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow M2_{+28}(\downarrow m7_{-28})^1} = (1) + \uparrow M7_{-32}(\downarrow m2_{+32})$

$950 = 2^1 \bullet 5^2 \bullet 19^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow m3_{-2}(\downarrow M6_{+2})^1} = (1) + \uparrow M7_{-30}(\downarrow m2_{+30})$

$951 = 3^1 \bullet 317^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-30}(\downarrow m6_{+30})^1} = (1) + \uparrow M7_{-28}(\downarrow m2_{+28})$

$952 = 2^3 \bullet 7^1 \bullet 17^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1} = (1) + \uparrow M7_{-26}(\downarrow m2_{+26})$

$953 = 953^1 = \mathbf{(1) + \uparrow M7_{-24}(\downarrow m2_{+24})}$

$954 = 2^1 \bullet 3^2 \bullet 53^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M6_{-26}(\downarrow m3_{+26})^1} = (1) + \uparrow M7_{-23}(\downarrow m2_{+23})$

$955 = 5^1 \bullet 191^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow P5_{-7}(\downarrow P4_{+7})^1} = (1) + \uparrow M7_{-21}(\downarrow m2_{+21})$

$956 = 2^2 \bullet 239^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M7_{-19}(\downarrow m2_{+19})^1} = (1) + \uparrow M7_{-19}(\downarrow m2_{+19})$

$957 = 3^1 \bullet 11^1 \bullet 29^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1} = (1) + \uparrow M7_{-17}(\downarrow m2_{+17})$

$958 = 2^1 \bullet 479^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M7_{-15}(\downarrow m2_{+15})^1} = (1) + \uparrow M7_{-15}(\downarrow m2_{+15})$

$959 = 7^1 \bullet 137^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m2_{+18}(\downarrow M7_{-18})^1} = (1) + \uparrow M7_{-14}(\downarrow m2_{+14})$

$960 = 2^6 \bullet 3^1 \bullet 5^1 = \mathbf{(1) + \updownarrow 8ve(uni)^6 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1} = (1) + \uparrow M7_{-12}(\downarrow m2_{+12})$

$961 = 31^2 = \mathbf{(1) + \uparrow M7_{+45}(\downarrow m2_{-45})^2} = (1) + \uparrow M7_{-10}(\downarrow m2_{+10})$

$962 = 2^1 \bullet 13^1 \bullet 37^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow m3_{-49}(\downarrow M6_{+49})^1} = (1) + \uparrow M7_{-8}(\downarrow m2_{+8})$

$963 = 3^2 \bullet 107^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M6_{-10}(\downarrow m3_{+10})^1} = (1) + \uparrow M7_{-6}(\downarrow m2_{+6})$

$964 = 2^{2}\bullet 241^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M7_{-5}(\downarrow m2_{+5})^{1}} = (1) + \uparrow M7_{-5}(\downarrow m2_{+5})$

$965 = 5^{1}\bullet 193^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow P5_{+11}(\downarrow P4_{-11})^{1}} = (1) + \uparrow M7_{-3}(\downarrow m2_{+3})$

$966 = 2^{1}\bullet 3^{1}\bullet 7^{1}\bullet 23^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1}} = (1) + \uparrow M7_{-1}(\downarrow m2_{+1})$

$967 = 967^{1} = \mathbf{(1) + \uparrow M7_{+1}(\downarrow m2_{-1})}$

$968 = 2^{3}\bullet 11^{2} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow tt_{-49}(\downarrow tt_{+49})^{2}} = (1) + \uparrow M7_{+3}(\downarrow m2_{-3})$

$969 = 3^{1}\bullet 17^{1}\bullet 19^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1}} = (1) + \uparrow M7_{+4}(\downarrow m2_{-4})$

$970 = 2^{1}\bullet 5^{1}\bullet 97^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow P5_{+20}(\downarrow P4_{-20})^{1}} = (1) + \uparrow M7_{+6}(\downarrow m2_{-6})$

$971 = 971^{1} = \mathbf{(1) + \uparrow M7_{+8}(\downarrow m2_{-8})}$

$972 = 2^{2}\bullet 3^{5} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{5}} = (1) + \uparrow M7_{+10}(\downarrow m2_{-10})$

$973 = 7^{1}\bullet 139^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m2_{+43}(\downarrow M7_{-43})^{1}} = (1) + \uparrow M7_{+12}(\downarrow m2_{-12})$

$974 = 2^{1}\bullet 487^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M7_{+13}(\downarrow m2_{-13})^{1}} = (1) + \uparrow M7_{+13}(\downarrow m2_{-13})$

$975 = 3^{1}\bullet 5^{2}\bullet 13^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1}} = (1) + \uparrow M7_{+15}(\downarrow m2_{-15})$

$976 = 2^{4}\bullet 61^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow M7_{+17}(\downarrow m2_{-17})^{1}} = (1) + \uparrow M7_{+17}(\downarrow m2_{-17})$

$977 = 977^{1} = \mathbf{(1) + \uparrow M7_{+19}(\downarrow m2_{-19})}$

$978 = 2^{1}\bullet 3^{1}\bullet 163^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{+18}(\downarrow m6_{-18})^{1}} = (1) + \uparrow M7_{+20}(\downarrow m2_{-20})$

$979 = 11^{1}\bullet 89^{1} = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow tt_{-29}(\downarrow tt_{+29})^{1}} = (1) + \uparrow M7_{+22}(\downarrow m2_{-22})$

$980 = 2^{2}\bullet 5^{1}\bullet 7^{2} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{2}} = (1) + \uparrow M7_{+24}(\downarrow m2_{-24})$

$981 = 3^{2}\bullet 109^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M6_{+22}(\downarrow m3_{-22})^{1}} = (1) + \uparrow M7_{+26}(\downarrow m2_{-26})$

$982 = 2^{1}\bullet 491^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M7_{+27}(\downarrow m2_{-27})^{1}} = (1) + \uparrow M7_{+27}(\downarrow m2_{-27})$

$983 = 983^{1} = \mathbf{(1) + \uparrow M7_{+29}(\downarrow m2_{-29})}$

$984 = 2^{3}\bullet 3^{1}\bullet 41^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{+29}(\downarrow m6_{-29})^{1}} = (1) + \uparrow M7_{+31}(\downarrow m2_{-31})$

$985 = 5^{1}\bullet 197^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow P5_{+46}(\downarrow P4_{-46})^{1}} = (1) + \uparrow M7_{+33}(\downarrow m2_{-33})$

$986 = 2^{1}\bullet 17^{1}\bullet 29^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1}} = (1) + \uparrow M7_{+35}(\downarrow m2_{-35})$

$987 = 3^{1}\bullet 7^{1}\bullet 47^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow P5_{-34}(\downarrow P4_{+34})^{1}} = (1) + \uparrow M7_{+36}(\downarrow m2_{-36})$

$988 = 2^{2}\bullet 13^{1}\bullet 19^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1}} = (1) + \uparrow M7_{+38}(\downarrow m2_{-38})$

$989 = 23^{1}\bullet 43^{1} = \mathbf{(1) + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow P4_{+12}(\downarrow P5_{-12})^{1}} = (1) + \uparrow M7_{+40}(\downarrow m2_{-40})$

$990 = 2^{1}\bullet 3^{2}\bullet 5^{1}\bullet 11^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1}} = (1) + \uparrow M7_{+42}(\downarrow m2_{-42})$

$991 = 991^{1} = \mathbf{(1) + \uparrow M7_{+43}(\downarrow m2_{-43})}$

$992 = 2^{5}\bullet 31^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{5} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1}} = (1) + \uparrow M7_{+45}(\downarrow m2_{-45})$

$993 = 3^{1}\bullet 331^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{+45}(\downarrow m6_{-45})^{1}} = (1) + \uparrow M7_{+47}(\downarrow m2_{-47})$

$994 = 2^{1}\bullet 7^{1}\bullet 71^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M2_{-20}(\downarrow m7_{+20})^{1}} = (1) + \uparrow M7_{+49}(\downarrow m2_{-49})$

$995 = 5^{1}\bullet 199^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m6_{-36}(\downarrow M3_{+36})^{1}} = (1) + \uparrow 8ve_{-50}(\downarrow uni_{+50})$

$996 = 2^{2}\bullet 3^{1}\bullet 83^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow P4_{-50}(\downarrow P5_{+50})^{1}} = (1) + \uparrow 8ve_{-48}(\downarrow uni_{+48})$

$997 = 997^{1} = \mathbf{(1) + \uparrow 8ve_{-46}(\downarrow uni_{+46})}$

$998 = 2^{1}\bullet 499^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow 8ve_{-45}(\downarrow uni_{+45})^{1}} = (1) + \uparrow 8ve_{-45}(\downarrow uni_{+45})$

$999 = 3^{3}\bullet 37^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow m3_{-49}(\downarrow M6_{+49})^{1}} = (1) + \uparrow 8ve_{-43}(\downarrow uni_{+43})$

$1000 = 2^{3}\bullet 5^{3} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow M3_{-14}(\downarrow m6_{+14})^{3}} = (1) + \uparrow 8ve_{-41}(\downarrow uni_{+41})$

$1001 = 7^{1}\bullet 11^{1}\bullet 13^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1}} = (1) + \uparrow 8ve_{-39}(\downarrow uni_{+39})$

$1002 = 2^{1}\bullet 3^{1}\bullet 167^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow P4_{-40}(\downarrow P5_{+40})^{1}} = (1) + \uparrow 8ve_{-38}(\downarrow uni_{+38})$

$1003 = 17^{1}\bullet 59^{1} = \mathbf{(1) + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow M7_{-41}(\downarrow m2_{+41})^{1}} = (1) + \uparrow 8ve_{-36}(\downarrow uni_{+36})$

$1004 = 2^{2}\bullet 251^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow 8ve_{-34}(\downarrow uni_{+34})^{1}} = (1) + \uparrow 8ve_{-34}(\downarrow uni_{+34})$

$1005 = 3^{1}\bullet 5^{1}\bullet 67^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m2_{-21}(\downarrow M7_{+21})^{1}} = (1) + \uparrow 8ve_{-32}(\downarrow uni_{+32})$

$1006 = 2^1 \bullet 503^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow 8ve_{-31}(\downarrow uni_{+31})^1} = (1) + \uparrow 8ve_{-31}(\downarrow uni_{+31})$

$1007 = 19^1 \bullet 53^1 = \mathbf{(1) + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow M6_{-26}(\downarrow m3_{+26})^1} = (1) + \uparrow 8ve_{-29}(\downarrow uni_{+29})$

$1008 = 2^4 \bullet 3^2 \bullet 7^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m7_{-31}(\downarrow M2_{+31})^1} = (1) + \uparrow 8ve_{-27}(\downarrow uni_{+27})$

$1009 = 1009^1 = \mathbf{(1) + \uparrow 8ve_{-26}(\downarrow uni_{+26})}$

$1010 = 2^1 \bullet 5^1 \bullet 101^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m6_{-10}(\downarrow M3_{+10})^1} = (1) + \uparrow 8ve_{-24}(\downarrow uni_{+24})$

$1011 = 3^1 \bullet 337^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow P4_{-24}(\downarrow P5_{+24})^1} = (1) + \uparrow 8ve_{-22}(\downarrow uni_{+22})$

$1012 = 2^2 \bullet 11^1 \bullet 23^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1} = (1) + \uparrow 8ve_{-20}(\downarrow uni_{+20})$

$1013 = 1013^1 = \mathbf{(1) + \uparrow 8ve_{-19}(\downarrow uni_{+19})}$

$1014 = 2^1 \bullet 3^1 \bullet 13^2 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^2} = (1) + \uparrow 8ve_{-17}(\downarrow uni_{+17})$

$1015 = 5^1 \bullet 7^1 \bullet 29^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1} = (1) + \uparrow 8ve_{-15}(\downarrow uni_{+15})$

$1016 = 2^3 \bullet 127^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow 8ve_{-14}(\downarrow uni_{+14})^1} = (1) + \uparrow 8ve_{-14}(\downarrow uni_{+14})$

$1017 = 3^2 \bullet 113^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m7_{-16}(\downarrow M2_{+16})^1} = (1) + \uparrow 8ve_{-12}(\downarrow uni_{+12})$

$1018 = 2^1 \bullet 509^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow 8ve_{-10}(\downarrow uni_{+10})^1} = (1) + \uparrow 8ve_{-10}(\downarrow uni_{+10})$

$1019 = 1019^1 = \mathbf{(1) + \uparrow 8ve_{-8}(\downarrow uni_{+8})}$

$1020 = 2^2 \bullet 3^1 \bullet 5^1 \bullet 17^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1} = (1) + \uparrow 8ve_{-7}(\downarrow uni_{+7})$

$1021 = 1021^1 = \mathbf{(1) + \uparrow 8ve_{-5}(\downarrow uni_{+5})}$

$1022 = 2^1 \bullet 7^1 \bullet 73^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M2_{+28}(\downarrow m7_{-28})^1} = (1) + \uparrow 8ve_{-3}(\downarrow uni_{+3})$

$1023 = 3^1 \bullet 11^1 \bullet 31^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow M7_{+45}(\downarrow m2_{-45})^1} = (1) + \uparrow 8ve_{-2}(\downarrow uni_{+2})$

$1024 = 2^{10} = \mathbf{(1) + \updownarrow 8ve(uni)^{10}} = (1) + \updownarrow 8ve(uni)$

$1025 = 5^2 \bullet 41^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow M3_{+29}(\downarrow m6_{-29})^1} = (1) + \uparrow uni_{+2}(\downarrow 8ve_{-2})$

$1026 = 2^1 \bullet 3^3 \bullet 19^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow m3_{-2}(\downarrow M6_{+2})^1} = (1) + \uparrow uni_{+3}(\downarrow 8ve_{-3})$

$1027 = 13^1 \bullet 79^1 = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow M3_{-35}(\downarrow m6_{+35})^1} = (1) + \uparrow uni_{+5}(\downarrow 8ve_{-5})$

$1028 = 2^2 \bullet 257^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow uni_{+7}(\downarrow 8ve_{-7})^1} = (1) + \uparrow uni_{+7}(\downarrow 8ve_{-7})$

$1029 = 3^1 \bullet 7^3 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^3} = (1) + \uparrow uni_{+8}(\downarrow 8ve_{-8})$

$1030 = 2^1 \bullet 5^1 \bullet 103^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m6_{+24}(\downarrow M3_{-24})^1} = (1) + \uparrow uni_{+10}(\downarrow 8ve_{-10})$

$1031 = 1031^1 = \mathbf{(1) + \uparrow uni_{+12}(\downarrow 8ve_{-12})}$

$1032 = 2^3 \bullet 3^1 \bullet 43^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow P4_{+12}(\downarrow P5_{-12})^1} = (1) + \uparrow uni_{+13}(\downarrow 8ve_{-13})$

$1033 = 1033^1 = \mathbf{(1) + \uparrow uni_{+15}(\downarrow 8ve_{-15})}$

$1034 = 2^1 \bullet 11^1 \bullet 47^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow P5_{-34}(\downarrow P4_{+34})^1} = (1) + \uparrow uni_{+17}(\downarrow 8ve_{-17})$

$1035 = 3^2 \bullet 5^1 \bullet 23^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1} = (1) + \uparrow uni_{+18}(\downarrow 8ve_{-18})$

$1036 = 2^2 \bullet 7^1 \bullet 37^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m3_{-49}(\downarrow M6_{+49})^1} = (1) + \uparrow uni_{+20}(\downarrow 8ve_{-20})$

$1037 = 17^1 \bullet 61^1 = \mathbf{(1) + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow M7_{+17}(\downarrow m2_{-17})^1} = (1) + \uparrow uni_{+22}(\downarrow 8ve_{-22})$

$1038 = 2^1 \bullet 3^1 \bullet 173^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow P4_{+22}(\downarrow P5_{-22})^1} = (1) + \uparrow uni_{+24}(\downarrow 8ve_{-24})$

$1039 = 1039^1 = \mathbf{(1) + \uparrow uni_{+25}(\downarrow 8ve_{-25})}$

$1040 = 2^4 \bullet 5^1 \bullet 13^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1} = (1) + \uparrow uni_{+27}(\downarrow 8ve_{-27})$

$1041 = 3^1 \bullet 347^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow P4_{+27}(\downarrow P5_{-27})^1} = (1) + \uparrow uni_{+29}(\downarrow 8ve_{-29})$

$1042 = 2^1 \bullet 521^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow uni_{+30}(\downarrow 8ve_{-30})^1} = (1) + \uparrow uni_{+30}(\downarrow 8ve_{-30})$

$1043 = 7^1 \bullet 149^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m3_{-37}(\downarrow M6_{+37})^1} = (1) + \uparrow uni_{+32}(\downarrow 8ve_{-32})$

$1044 = 2^2 \bullet 3^2 \bullet 29^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m7_{+30}(\downarrow M2_{-30})^1} = (1) + \uparrow uni_{+33}(\downarrow 8ve_{-33})$

$1045 = 5^1 \bullet 11^1 \bullet 19^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1} = (1) + \uparrow uni_{+35}(\downarrow 8ve_{-35})$

$1046 = 2^1 \bullet 523^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow uni_{+37}(\downarrow 8ve_{-37})^1} = (1) + \uparrow uni_{+37}(\downarrow 8ve_{-37})$

$1047 = 3^1 \bullet 349^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow P4_{+36}(\downarrow P5_{-36})^1} = (1) + \uparrow uni_{+38}(\downarrow 8ve_{-38})$

$1048 = 2^3 \bullet 131^1 = (1) + \updownarrow 8ve(uni)^3 + \uparrow uni_{+40}(\downarrow 8ve_{-40})^1 = (1) + \uparrow uni_{+40}(\downarrow 8ve_{-40})$

$1049 = 1049^1 = (1) + \uparrow uni_{+42}(\downarrow 8ve_{-42})$

$1050 = 2^1 \bullet 3^1 \bullet 5^2 \bullet 7^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 = (1) + \uparrow uni_{+43}(\downarrow 8ve_{-43})$

$1051 = 1051^1 = (1) + \uparrow uni_{+45}(\downarrow 8ve_{-45})$

$1052 = 2^2 \bullet 263^1 = (1) + \updownarrow 8ve(uni)^2 + \uparrow uni_{+47}(\downarrow 8ve_{-47})^1 = (1) + \uparrow uni_{+47}(\downarrow 8ve_{-47})$

$1053 = 3^4 \bullet 13^1 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^4 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 = (1) + \uparrow uni_{+48}(\downarrow 8ve_{-48})$

$1054 = 2^1 \bullet 17^1 \bullet 31^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow M7_{+45}(\downarrow m2_{-45})^1 = (1) + \uparrow uni_{+50}(\downarrow 8ve_{-50})$

$1055 = 5^1 \bullet 211^1 = (1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M6_{-35}(\downarrow m3_{+35})^1 = (1) + \uparrow m2_{-48}(\downarrow M7_{+48})$

$1056 = 2^5 \bullet 3^1 \bullet 11^1 = (1) + \updownarrow 8ve(uni)^5 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 = (1) + \uparrow m2_{-47}(\downarrow M7_{+47})$

$1057 = 7^1 \bullet 151^1 = (1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m3_{-14}(\downarrow M6_{+14})^1 = (1) + \uparrow m2_{-45}(\downarrow M7_{+45})$

$1058 = 2^1 \bullet 23^2 = (1) + \updownarrow 8ve(uni)^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^2 = (1) + \uparrow m2_{-43}(\downarrow M7_{+43})$

$1059 = 3^1 \bullet 353^1 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{-44}(\downarrow tt_{+44})^1 = (1) + \uparrow m2_{-42}(\downarrow M7_{+42})$

$1060 = 2^2 \bullet 5^1 \bullet 53^1 = (1) + \updownarrow 8ve(uni)^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M6_{-26}(\downarrow m3_{+26})^1 = (1) + \uparrow m2_{-40}(\downarrow M7_{+40})$

$1061 = 1061^1 = (1) + \uparrow m2_{-39}(\downarrow M7_{+39})$

$1062 = 2^1 \bullet 3^2 \bullet 59^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M7_{-41}(\downarrow m2_{+41})^1 = (1) + \uparrow m2_{-37}(\downarrow M7_{+37})$

$1063 = 1063^1 = (1) + \uparrow m2_{-35}(\downarrow M7_{+35})$

$1064 = 2^3 \bullet 7^1 \bullet 19^1 = (1) + \updownarrow 8ve(uni)^3 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 = (1) + \uparrow m2_{-34}(\downarrow M7_{+34})$

$1065 = 3^1 \bullet 5^1 \bullet 71^1 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M2_{-20}(\downarrow m7_{+20})^1 = (1) + \uparrow m2_{-32}(\downarrow M7_{+32})$

$1066 = 2^1 \bullet 13^1 \bullet 41^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow M3_{+29}(\downarrow m6_{-29})^1 = (1) + \uparrow m2_{-30}(\downarrow M7_{+30})$

$1067 = 11^1 \bullet 97^1 = (1) + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow P5_{+20}(\downarrow P4_{-20})^1 = (1) + \uparrow m2_{-29}(\downarrow M7_{+29})$

$1068 = 2^2 \bullet 3^1 \bullet 89^1 = (1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{-29}(\downarrow tt_{+29})^1 = (1) + \uparrow m2_{-27}(\downarrow M7_{+27})$

$1069 = 1069^1 = (1) + \uparrow m2_{-26}(\downarrow M7_{+26})$

$1070 = 2^1 \bullet 5^1 \bullet 107^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M6_{-10}(\downarrow m3_{+10})^1 = (1) + \uparrow m2_{-24}(\downarrow M7_{+24})$

$1071 = 3^2 \bullet 7^1 \bullet 17^1 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 = (1) + \uparrow m2_{-22}(\downarrow M7_{+22})$

$1072 = 2^4 \bullet 67^1 = (1) + \updownarrow 8ve(uni)^4 + \uparrow m2_{-21}(\downarrow M7_{+21})^1 = (1) + \uparrow m2_{-21}(\downarrow M7_{+21})$

$1073 = 29^1 \bullet 37^1 = (1) + \uparrow m7_{+30}(\downarrow M2_{-30})^1 + \uparrow m3_{-49}(\downarrow M6_{+49})^1 = (1) + \uparrow m2_{-19}(\downarrow M7_{+19})$

$1074 = 2^1 \bullet 3^1 \bullet 179^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{-19}(\downarrow tt_{+19})^1 = (1) + \uparrow m2_{-17}(\downarrow M7_{+17})$

$1075 = 5^2 \bullet 43^1 = (1) + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow P4_{+12}(\downarrow P5_{-12})^1 = (1) + \uparrow m2_{-16}(\downarrow M7_{+16})$

$1076 = 2^2 \bullet 269^1 = (1) + \updownarrow 8ve(uni)^2 + \uparrow m2_{-14}(\downarrow M7_{+14})^1 = (1) + \uparrow m2_{-14}(\downarrow M7_{+14})$

$1077 = 3^1 \bullet 359^1 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{-15}(\downarrow tt_{+15})^1 = (1) + \uparrow m2_{-13}(\downarrow M7_{+13})$

$1078 = 2^1 \bullet 7^2 \bullet 11^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^2 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 = (1) + \uparrow m2_{-11}(\downarrow M7_{+11})$

$1079 = 13^1 \bullet 83^1 = (1) + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow P4_{-50}(\downarrow P5_{+50})^1 = (1) + \uparrow m2_{-9}(\downarrow M7_{+9})$

$1080 = 2^3 \bullet 3^3 \bullet 5^1 = (1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 = (1) + \uparrow m2_{-8}(\downarrow M7_{+8})$

$1081 = 23^1 \bullet 47^1 = (1) + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow P5_{-34}(\downarrow P4_{+34})^1 = (1) + \uparrow m2_{-6}(\downarrow M7_{+6})$

$1082 = 2^1 \bullet 541^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow m2_{-5}(\downarrow M7_{+5})^1 = (1) + \uparrow m2_{-5}(\downarrow M7_{+5})$

$1083 = 3^1 \bullet 19^2 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^2 = (1) + \uparrow m2_{-3}(\downarrow M7_{+3})$

$1084 = 2^2 \bullet 271^1 = (1) + \updownarrow 8ve(uni)^2 + \uparrow m2_{-1}(\downarrow M7_{+1})^1 = (1) + \uparrow m2_{-1}(\downarrow M7_{+1})$

$1085 = 5^1 \bullet 7^1 \bullet 31^1 = (1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M7_{+45}(\downarrow m2_{-45})^1 = (1) + \uparrow m2_{+0}(\downarrow M7_{-0})$

$1086 = 2^1 \bullet 3^1 \bullet 181^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{+0}(\downarrow tt_{-0})^1 = (1) + \uparrow m2_{+2}(\downarrow M7_{-2})$

$1087 = 1087^1 = (1) + \uparrow m2_{+3}(\downarrow M7_{-3})$

$1088 = 2^6 \bullet 17^1 = (1) + \updownarrow 8ve(uni)^6 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 = (1) + \uparrow m2_{+5}(\downarrow M7_{-5})$

$1089 = 3^2 \bullet 11^2 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow tt_{-49}(\downarrow tt_{+49})^2 = (1) + \uparrow m2_{+7}(\downarrow M7_{-7})$

$1090 = 2^1 \bullet 5^1 \bullet 109^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M6_{+22}(\downarrow m3_{-22})^1} = (1) + \uparrow m2_{+8}(\downarrow M7_{-8})$

$1091 = 1091^1 = \mathbf{(1) + \uparrow m2_{+10}(\downarrow M7_{-10})}$

$1092 = 2^2 \bullet 3^1 \bullet 7^1 \bullet 13^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1} = (1) + \uparrow m2_{+11}(\downarrow M7_{-11})$

$1093 = 1093^1 = \mathbf{(1) + \uparrow m2_{+13}(\downarrow M7_{-13})}$

$1094 = 2^1 \bullet 547^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m2_{+14}(\downarrow M7_{-14})^1} = (1) + \uparrow m2_{+14}(\downarrow M7_{-14})$

$1095 = 3^1 \bullet 5^1 \bullet 73^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M2_{+28}(\downarrow m7_{-28})^1} = (1) + \uparrow m2_{+16}(\downarrow M7_{-16})$

$1096 = 2^3 \bullet 137^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow m2_{+18}(\downarrow M7_{-18})^1} = (1) + \uparrow m2_{+18}(\downarrow M7_{-18})$

$1097 = 1097^1 = \mathbf{(1) + \uparrow m2_{+19}(\downarrow M7_{-19})}$

$1098 = 2^1 \bullet 3^2 \bullet 61^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M7_{+17}(\downarrow m2_{-17})^1} = (1) + \uparrow m2_{+21}(\downarrow M7_{-21})$

$1099 = 7^1 \bullet 157^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M3_{-46}(\downarrow m6_{+46})^1} = (1) + \uparrow m2_{+22}(\downarrow M7_{-22})$

$1100 = 2^2 \bullet 5^2 \bullet 11^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow tt_{-49}(\downarrow tt_{+49})^1} = (1) + \uparrow m2_{+24}(\downarrow M7_{-24})$

$1101 = 3^1 \bullet 367^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{+24}(\downarrow tt_{-24})^1} = (1) + \uparrow m2_{+26}(\downarrow M7_{-26})$

$1102 = 2^1 \bullet 19^1 \bullet 29^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1} = (1) + \uparrow m2_{+27}(\downarrow M7_{-27})$

$1103 = 1103^1 = \mathbf{(1) + \uparrow m2_{+29}(\downarrow M7_{-29})}$

$1104 = 2^4 \bullet 3^1 \bullet 23^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1} = (1) + \uparrow m2_{+30}(\downarrow M7_{-30})$

$1105 = 5^1 \bullet 13^1 \bullet 17^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1} = (1) + \uparrow m2_{+32}(\downarrow M7_{-32})$

$1106 = 2^1 \bullet 7^1 \bullet 79^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M3_{-35}(\downarrow m6_{+35})^1} = (1) + \uparrow m2_{+33}(\downarrow M7_{-33})$

$1107 = 3^3 \bullet 41^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow M3_{+29}(\downarrow m6_{-29})^1} = (1) + \uparrow m2_{+35}(\downarrow M7_{-35})$

$1108 = 2^2 \bullet 277^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m2_{+36}(\downarrow M7_{-36})^1} = (1) + \uparrow m2_{+36}(\downarrow M7_{-36})$

$1109 = 1109^1 = \mathbf{(1) + \uparrow m2_{+38}(\downarrow M7_{-38})}$

$1110 = 2^1 \bullet 3^1 \bullet 5^1 \bullet 37^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m3_{-49}(\downarrow M6_{+49})^1} = (1) + \uparrow m2_{+40}(\downarrow M7_{-40})$

$1111 = 11^1 \bullet 101^1 = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m6_{-10}(\downarrow M3_{+10})^1} = (1) + \uparrow m2_{+41}(\downarrow M7_{-41})$

$1112 = 2^3 \bullet 139^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow m2_{+43}(\downarrow M7_{-43})^1} = (1) + \uparrow m2_{+43}(\downarrow M7_{-43})$

$1113 = 3^1 \bullet 7^1 \bullet 53^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M6_{-26}(\downarrow m3_{+26})^1} = (1) + \uparrow m2_{+44}(\downarrow M7_{-44})$

$1114 = 2^1 \bullet 557^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m2_{+46}(\downarrow M7_{-46})^1} = (1) + \uparrow m2_{+46}(\downarrow M7_{-46})$

$1115 = 5^1 \bullet 223^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-39}(\downarrow M2_{+39})^1} = (1) + \uparrow m2_{+47}(\downarrow M7_{-47})$

$1116 = 2^2 \bullet 3^2 \bullet 31^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M7_{+45}(\downarrow m2_{-45})^1} = (1) + \uparrow m2_{+49}(\downarrow M7_{-49})$

$1117 = 1117^1 = \mathbf{(1) + \uparrow M2_{-50}(\downarrow m7_{+50})}$

$1118 = 2^1 \bullet 13^1 \bullet 43^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow P4_{+12}(\downarrow P5_{-12})^1} = (1) + \uparrow M2_{-48}(\downarrow m7_{+48})$

$1119 = 3^1 \bullet 373^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow P5_{-48}(\downarrow P4_{+48})^1} = (1) + \uparrow M2_{-46}(\downarrow m7_{+46})$

$1120 = 2^5 \bullet 5^1 \bullet 7^1 = \mathbf{(1) + \updownarrow 8ve(uni)^5 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1} = (1) + \uparrow M2_{-45}(\downarrow m7_{+45})$

$1121 = 19^1 \bullet 59^1 = \mathbf{(1) + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow M7_{-41}(\downarrow m2_{+41})^1} = (1) + \uparrow M2_{-43}(\downarrow m7_{+43})$

$1122 = 2^1 \bullet 3^1 \bullet 11^1 \bullet 17^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1} = (1) + \uparrow M2_{-42}(\downarrow m7_{+42})$

$1123 = 1123^1 = \mathbf{(1) + \uparrow M2_{-40}(\downarrow m7_{+40})}$

$1124 = 2^2 \bullet 281^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M2_{-39}(\downarrow m7_{+39})^1} = (1) + \uparrow M2_{-39}(\downarrow m7_{+39})$

$1125 = 3^2 \bullet 5^3 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^3} = (1) + \uparrow M2_{-37}(\downarrow m7_{+37})$

$1126 = 2^1 \bullet 563^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M2_{-36}(\downarrow m7_{+36})^1} = (1) + \uparrow M2_{-36}(\downarrow m7_{+36})$

$1127 = 7^2 \bullet 23^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^2 + \uparrow tt_{+28}(\downarrow tt_{-28})^1} = (1) + \uparrow M2_{-34}(\downarrow m7_{+34})$

$1128 = 2^3 \bullet 3^1 \bullet 47^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow P5_{-34}(\downarrow P4_{+34})^1} = (1) + \uparrow M2_{-33}(\downarrow m7_{+33})$

$1129 = 1129^1 = \mathbf{(1) + \uparrow M2_{-31}(\downarrow m7_{+31})}$

$1130 = 2^1 \bullet 5^1 \bullet 113^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-16}(\downarrow M2_{+16})^1} = (1) + \uparrow M2_{-29}(\downarrow m7_{+29})$

$1131 = 3^1 \bullet 13^1 \bullet 29^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1} = (1) + \uparrow M2_{-28}(\downarrow m7_{+28})$

$1132 = 2^{2}\bullet 283^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M2_{-26}(\downarrow m7_{+26})^{1}} = (1) + \uparrow M2_{-26}(\downarrow m7_{+26})$

$1133 = 11^{1}\bullet 103^{1} = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m6_{+24}(\downarrow M3_{-24})^{1}} = (1) + \uparrow M2_{-25}(\downarrow m7_{+25})$

$1134 = 2^{1}\bullet 3^{4}\bullet 7^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{4} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1}} = (1) + \uparrow M2_{-23}(\downarrow m7_{+23})$

$1135 = 5^{1}\bullet 227^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-8}(\downarrow M2_{+8})^{1}} = (1) + \uparrow M2_{-22}(\downarrow m7_{+22})$

$1136 = 2^{4}\bullet 71^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow M2_{-20}(\downarrow m7_{+20})^{1}} = (1) + \uparrow M2_{-20}(\downarrow m7_{+20})$

$1137 = 3^{1}\bullet 379^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow P5_{-21}(\downarrow P4_{+21})^{1}} = (1) + \uparrow M2_{-19}(\downarrow m7_{+19})$

$1138 = 2^{1}\bullet 569^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M2_{-17}(\downarrow m7_{+17})^{1}} = (1) + \uparrow M2_{-17}(\downarrow m7_{+17})$

$1139 = 17^{1}\bullet 67^{1} = \mathbf{(1) + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow m2_{-21}(\downarrow M7_{+21})^{1}} = (1) + \uparrow M2_{-16}(\downarrow m7_{+16})$

$1140 = 2^{2}\bullet 3^{1}\bullet 5^{1}\bullet 19^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1}} = (1) + \uparrow M2_{-14}(\downarrow m7_{+14})$

$1141 = 7^{1}\bullet 163^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M3_{+18}(\downarrow m6_{-18})^{1}} = (1) + \uparrow M2_{-13}(\downarrow m7_{+13})$

$1142 = 2^{1}\bullet 571^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M2_{-11}(\downarrow m7_{+11})^{1}} = (1) + \uparrow M2_{-11}(\downarrow m7_{+11})$

$1143 = 3^{2}\bullet 127^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow 8ve_{-14}(\downarrow uni_{+14})^{1}} = (1) + \uparrow M2_{-10}(\downarrow m7_{+10})$

$1144 = 2^{3}\bullet 11^{1}\bullet 13^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1}} = (1) + \uparrow M2_{-8}(\downarrow m7_{+8})$

$1145 = 5^{1}\bullet 229^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{+7}(\downarrow M2_{-7})^{1}} = (1) + \uparrow M2_{-7}(\downarrow m7_{+7})$

$1146 = 2^{1}\bullet 3^{1}\bullet 191^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow P5_{-7}(\downarrow P4_{+7})^{1}} = (1) + \uparrow M2_{-5}(\downarrow m7_{+5})$

$1147 = 31^{1}\bullet 37^{1} = \mathbf{(1) + \uparrow M7_{+45}(\downarrow m2_{-45})^{1} + \uparrow m3_{-49}(\downarrow M6_{+49})^{1}} = (1) + \uparrow M2_{-4}(\downarrow m7_{+4})$

$1148 = 2^{2}\bullet 7^{1}\bullet 41^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M3_{+29}(\downarrow m6_{-29})^{1}} = (1) + \uparrow M2_{-2}(\downarrow m7_{+2})$

$1149 = 3^{1}\bullet 383^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow P5_{-3}(\downarrow P4_{+3})^{1}} = (1) + \uparrow M2_{-1}(\downarrow m7_{+1})$

$1150 = 2^{1}\bullet 5^{2}\bullet 23^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1}} = (1) + \uparrow M2_{+1}(\downarrow m7_{-1})$

$1151 = 1151^{1} = \mathbf{(1) + \uparrow M2_{+2}(\downarrow m7_{-2})}$

$1152 = 2^{7}\bullet 3^{2} = \mathbf{(1) + \updownarrow 8ve(uni)^{7} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2}} = (1) + \uparrow M2_{+4}(\downarrow m7_{-4})$

$1153 = 1153^{1} = \mathbf{(1) + \uparrow M2_{+5}(\downarrow m7_{-5})}$

$1154 = 2^{1}\bullet 577^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M2_{+7}(\downarrow m7_{-7})^{1}} = (1) + \uparrow M2_{+7}(\downarrow m7_{-7})$

$1155 = 3^{1}\bullet 5^{1}\bullet 7^{1}\bullet 11^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1}} = (1) + \uparrow M2_{+8}(\downarrow m7_{-8})$

$1156 = 2^{2}\bullet 17^{2} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m2_{+5}(\downarrow M7_{-5})^{2}} = (1) + \uparrow M2_{+10}(\downarrow m7_{-10})$

$1157 = 13^{1}\bullet 89^{1} = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow tt_{-29}(\downarrow tt_{+29})^{1}} = (1) + \uparrow M2_{+11}(\downarrow m7_{-11})$

$1158 = 2^{1}\bullet 3^{1}\bullet 193^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow P5_{+11}(\downarrow P4_{-11})^{1}} = (1) + \uparrow M2_{+13}(\downarrow m7_{-13})$

$1159 = 19^{1}\bullet 61^{1} = \mathbf{(1) + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow M7_{+17}(\downarrow m2_{-17})^{1}} = (1) + \uparrow M2_{+14}(\downarrow m7_{-14})$

$1160 = 2^{3}\bullet 5^{1}\bullet 29^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1}} = (1) + \uparrow M2_{+16}(\downarrow m7_{-16})$

$1161 = 3^{3}\bullet 43^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow P4_{+12}(\downarrow P5_{-12})^{1}} = (1) + \uparrow M2_{+17}(\downarrow m7_{-17})$

$1162 = 2^{1}\bullet 7^{1}\bullet 83^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow P4_{-50}(\downarrow P5_{+50})^{1}} = (1) + \uparrow M2_{+19}(\downarrow m7_{-19})$

$1163 = 1163^{1} = \mathbf{(1) + \uparrow M2_{+20}(\downarrow m7_{-20})}$

$1164 = 2^{2}\bullet 3^{1}\bullet 97^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow P5_{+20}(\downarrow P4_{-20})^{1}} = (1) + \uparrow M2_{+22}(\downarrow m7_{-22})$

$1165 = 5^{1}\bullet 233^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{+37}(\downarrow M2_{-37})^{1}} = (1) + \uparrow M2_{+23}(\downarrow m7_{-23})$

$1166 = 2^{1}\bullet 11^{1}\bullet 53^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow M6_{-26}(\downarrow m3_{+26})^{1}} = (1) + \uparrow M2_{+25}(\downarrow m7_{-25})$

$1167 = 3^{1}\bullet 389^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow P5_{+24}(\downarrow P4_{-24})^{1}} = (1) + \uparrow M2_{+26}(\downarrow m7_{-26})$

$1168 = 2^{4}\bullet 73^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow M2_{+28}(\downarrow m7_{-28})^{1}} = (1) + \uparrow M2_{+28}(\downarrow m7_{-28})$

$1169 = 7^{1}\bullet 167^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow P4_{-40}(\downarrow P5_{+40})^{1}} = (1) + \uparrow M2_{+29}(\downarrow m7_{-29})$

$1170 = 2^{1}\bullet 3^{2}\bullet 5^{1}\bullet 13^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1}} = (1) + \uparrow M2_{+31}(\downarrow m7_{-31})$

$1171 = 1171^{1} = \mathbf{(1) + \uparrow M2_{+32}(\downarrow m7_{-32})}$

$1172 = 2^{2}\bullet 293^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M2_{+34}(\downarrow m7_{-34})^{1}} = (1) + \uparrow M2_{+34}(\downarrow m7_{-34})$

$1173 = 3^{1}\bullet 17^{1}\bullet 23^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1}} = (1) + \uparrow M2_{+35}(\downarrow m7_{-35})$

$1174 = 2^1 \bullet 587^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow M2_{+37}(\downarrow m7_{-37})^1 = (1) + \uparrow M2_{+37}(\downarrow m7_{-37})$

$1175 = 5^2 \bullet 47^1 = (1) + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow P5_{-34}(\downarrow P4_{+34})^1 = (1) + \uparrow M2_{+38}(\downarrow m7_{-38})$

$1176 = 2^3 \bullet 3^1 \bullet 7^2 = (1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^2 = (1) + \uparrow M2_{+40}(\downarrow m7_{-40})$

$1177 = 11^1 \bullet 107^1 = (1) + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow M6_{-10}(\downarrow m3_{+10})^1 = (1) + \uparrow M2_{+41}(\downarrow m7_{-41})$

$1178 = 2^1 \bullet 19^1 \bullet 31^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow M7_{+45}(\downarrow m2_{-45})^1 = (1) + \uparrow M2_{+43}(\downarrow m7_{-43})$

$1179 = 3^2 \bullet 131^1 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow uni_{+40}(\downarrow 8ve_{-40})^1 = (1) + \uparrow M2_{+44}(\downarrow m7_{-44})$

$1180 = 2^2 \bullet 5^1 \bullet 59^1 = (1) + \updownarrow 8ve(uni)^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M7_{-41}(\downarrow m2_{+41})^1 = (1) + \uparrow M2_{+45}(\downarrow m7_{-45})$

$1181 = 1181^1 = (1) + \uparrow M2_{+47}(\downarrow m7_{-47})$

$1182 = 2^1 \bullet 3^1 \bullet 197^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow P5_{+46}(\downarrow P4_{-46})^1 = (1) + \uparrow M2_{+48}(\downarrow m7_{-48})$

$1183 = 7^1 \bullet 13^2 = (1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^2 = (1) + \uparrow M2_{+50}(\downarrow m7_{-50})$

$1184 = 2^5 \bullet 37^1 = (1) + \updownarrow 8ve(uni)^5 + \uparrow m3_{-49}(\downarrow M6_{+49})^1 = (1) + \uparrow m3_{-49}(\downarrow M6_{+49})$

$1185 = 3^1 \bullet 5^1 \bullet 79^1 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M3_{-35}(\downarrow m6_{+35})^1 = (1) + \uparrow m3_{-47}(\downarrow M6_{+47})$

$1186 = 2^1 \bullet 593^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow m3_{-46}(\downarrow M6_{+46})^1 = (1) + \uparrow m3_{-46}(\downarrow M6_{+46})$

$1187 = 1187^1 = (1) + \uparrow m3_{-44}(\downarrow M6_{+44})$

$1188 = 2^2 \bullet 3^3 \bullet 11^1 = (1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 = (1) + \uparrow m3_{-43}(\downarrow M6_{+43})$

$1189 = 29^1 \bullet 41^1 = (1) + \uparrow m7_{+30}(\downarrow M2_{-30})^1 + \uparrow M3_{+29}(\downarrow m6_{-29})^1 = (1) + \uparrow m3_{-41}(\downarrow M6_{+41})$

$1190 = 2^1 \bullet 5^1 \bullet 7^1 \bullet 17^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 = (1) + \uparrow m3_{-40}(\downarrow M6_{+40})$

$1191 = 3^1 \bullet 397^1 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m6_{-40}(\downarrow M3_{+40})^1 = (1) + \uparrow m3_{-38}(\downarrow M6_{+38})$

$1192 = 2^3 \bullet 149^1 = (1) + \updownarrow 8ve(uni)^3 + \uparrow m3_{-37}(\downarrow M6_{+37})^1 = (1) + \uparrow m3_{-37}(\downarrow M6_{+37})$

$1193 = 1193^1 = (1) + \uparrow m3_{-36}(\downarrow M6_{+36})$

$1194 = 2^1 \bullet 3^1 \bullet 199^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m6_{-36}(\downarrow M3_{+36})^1 = (1) + \uparrow m3_{-34}(\downarrow M6_{+34})$

$1195 = 5^1 \bullet 239^1 = (1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M7_{-19}(\downarrow m2_{+19})^1 = (1) + \uparrow m3_{-33}(\downarrow M6_{+33})$

$1196 = 2^2 \bullet 13^1 \bullet 23^1 = (1) + \updownarrow 8ve(uni)^2 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1 = (1) + \uparrow m3_{-31}(\downarrow M6_{+31})$

$1197 = 3^2 \bullet 7^1 \bullet 19^1 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 = (1) + \uparrow m3_{-30}(\downarrow M6_{+30})$

$1198 = 2^1 \bullet 599^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow m3_{-28}(\downarrow M6_{+28})^1 = (1) + \uparrow m3_{-28}(\downarrow M6_{+28})$

$1199 = 11^1 \bullet 109^1 = (1) + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow M6_{+22}(\downarrow m3_{-22})^1 = (1) + \uparrow m3_{-27}(\downarrow M6_{+27})$

$1200 = 2^4 \bullet 3^1 \bullet 5^2 = (1) + \updownarrow 8ve(uni)^4 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^2 = (1) + \uparrow m3_{-25}(\downarrow M6_{+25})$

$1201 = 1201^1 = (1) + \uparrow m3_{-24}(\downarrow M6_{+24})$

$1202 = 2^1 \bullet 601^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow m3_{-23}(\downarrow M6_{+23})^1 = (1) + \uparrow m3_{-23}(\downarrow M6_{+23})$

$1203 = 3^1 \bullet 401^1 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m6_{-23}(\downarrow M3_{+23})^1 = (1) + \uparrow m3_{-21}(\downarrow M6_{+21})$

$1204 = 2^2 \bullet 7^1 \bullet 43^1 = (1) + \updownarrow 8ve(uni)^2 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow P4_{+12}(\downarrow P5_{-12})^1 = (1) + \uparrow m3_{-20}(\downarrow M6_{+20})$

$1205 = 5^1 \bullet 241^1 = (1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M7_{-5}(\downarrow m2_{+5})^1 = (1) + \uparrow m3_{-18}(\downarrow M6_{+18})$

$1206 = 2^1 \bullet 3^2 \bullet 67^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m2_{-21}(\downarrow M7_{+21})^1 = (1) + \uparrow m3_{-17}(\downarrow M6_{+17})$

$1207 = 17^1 \bullet 71^1 = (1) + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow M2_{-20}(\downarrow m7_{+20})^1 = (1) + \uparrow m3_{-15}(\downarrow M6_{+15})$

$1208 = 2^3 \bullet 151^1 = (1) + \updownarrow 8ve(uni)^3 + \uparrow m3_{-14}(\downarrow M6_{+14})^1 = (1) + \uparrow m3_{-14}(\downarrow M6_{+14})$

$1209 = 3^1 \bullet 13^1 \bullet 31^1 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow M7_{+45}(\downarrow m2_{-45})^1 = (1) + \uparrow m3_{-12}(\downarrow M6_{+12})$

$1210 = 2^1 \bullet 5^1 \bullet 11^2 = (1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^2 = (1) + \uparrow m3_{-11}(\downarrow M6_{+11})$

$1211 = 7^1 \bullet 173^1 = (1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow P4_{+22}(\downarrow P5_{-22})^1 = (1) + \uparrow m3_{-10}(\downarrow M6_{+10})$

$1212 = 2^2 \bullet 3^1 \bullet 101^1 = (1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m6_{-10}(\downarrow M3_{+10})^1 = (1) + \uparrow m3_{-8}(\downarrow M6_{+8})$

$1213 = 1213^1 = (1) + \uparrow m3_{-7}(\downarrow M6_{+7})$

$1214 = 2^1 \bullet 607^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow m3_{-5}(\downarrow M6_{+5})^1 = (1) + \uparrow m3_{-5}(\downarrow M6_{+5})$

$1215 = 3^5 \bullet 5^1 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^5 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 = (1) + \uparrow m3_{-4}(\downarrow M6_{+4})$

$1216 = 2^{6}\bullet 19^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{6} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1}} = (1) + \uparrow m3_{-2}(\downarrow M6_{+2})$

$1217 = 1217^{1} = \mathbf{(1) + \uparrow m3_{-1}(\downarrow M6_{+1})}$

$1218 = 2^{1}\bullet 3^{1}\bullet 7^{1}\bullet 29^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1}} = (1) + \uparrow m3_{+0}(\downarrow M6_{-0})$

$1219 = 23^{1}\bullet 53^{1} = \mathbf{(1) + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow M6_{-26}(\downarrow m3_{+26})^{1}} = (1) + \uparrow m3_{+2}(\downarrow M6_{-2})$

$1220 = 2^{2}\bullet 5^{1}\bullet 61^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M7_{+17}(\downarrow m2_{-17})^{1}} = (1) + \uparrow m3_{+3}(\downarrow M6_{-3})$

$1221 = 3^{1}\bullet 11^{1}\bullet 37^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m3_{-49}(\downarrow M6_{+49})^{1}} = (1) + \uparrow m3_{+5}(\downarrow M6_{-5})$

$1222 = 2^{1}\bullet 13^{1}\bullet 47^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow P5_{-34}(\downarrow P4_{+34})^{1}} = (1) + \uparrow m3_{+6}(\downarrow M6_{-6})$

$1223 = 1223^{1} = \mathbf{(1) + \uparrow m3_{+7}(\downarrow M6_{-7})}$

$1224 = 2^{3}\bullet 3^{2}\bullet 17^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1}} = (1) + \uparrow m3_{+9}(\downarrow M6_{-9})$

$1225 = 5^{2}\bullet 7^{2} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{2}} = (1) + \uparrow m3_{+10}(\downarrow M6_{-10})$

$1226 = 2^{1}\bullet 613^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m3_{+12}(\downarrow M6_{-12})^{1}} = (1) + \uparrow m3_{+12}(\downarrow M6_{-12})$

$1227 = 3^{1}\bullet 409^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m6_{+11}(\downarrow M3_{-11})^{1}} = (1) + \uparrow m3_{+13}(\downarrow M6_{-13})$

$1228 = 2^{2}\bullet 307^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m3_{+15}(\downarrow M6_{-15})^{1}} = (1) + \uparrow m3_{+15}(\downarrow M6_{-15})$

$1229 = 1229^{1} = \mathbf{(1) + \uparrow m3_{+16}(\downarrow M6_{-16})}$

$1230 = 2^{1}\bullet 3^{1}\bullet 5^{1}\bullet 41^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M3_{+29}(\downarrow m6_{-29})^{1}} = (1) + \uparrow m3_{+17}(\downarrow M6_{-17})$

$1231 = 1231^{1} = \mathbf{(1) + \uparrow m3_{+19}(\downarrow M6_{-19})}$

$1232 = 2^{4}\bullet 7^{1}\bullet 11^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1}} = (1) + \uparrow m3_{+20}(\downarrow M6_{-20})$

$1233 = 3^{2}\bullet 137^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m2_{+18}(\downarrow M7_{-18})^{1}} = (1) + \uparrow m3_{+22}(\downarrow M6_{-22})$

$1234 = 2^{1}\bullet 617^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m3_{+23}(\downarrow M6_{-23})^{1}} = (1) + \uparrow m3_{+23}(\downarrow M6_{-23})$

$1235 = 5^{1}\bullet 13^{1}\bullet 19^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1}} = (1) + \uparrow m3_{+24}(\downarrow M6_{-24})$

$1236 = 2^{2}\bullet 3^{1}\bullet 103^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m6_{+24}(\downarrow M3_{-24})^{1}} = (1) + \uparrow m3_{+26}(\downarrow M6_{-26})$

$1237 = 1237^{1} = \mathbf{(1) + \uparrow m3_{+27}(\downarrow M6_{-27})}$

$1238 = 2^{1}\bullet 619^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m3_{+29}(\downarrow M6_{-29})^{1}} = (1) + \uparrow m3_{+29}(\downarrow M6_{-29})$

$1239 = 3^{1}\bullet 7^{1}\bullet 59^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M7_{-41}(\downarrow m2_{+41})^{1}} = (1) + \uparrow m3_{+30}(\downarrow M6_{-30})$

$1240 = 2^{3}\bullet 5^{1}\bullet 31^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1}} = (1) + \uparrow m3_{+31}(\downarrow M6_{-31})$

$1241 = 17^{1}\bullet 73^{1} = \mathbf{(1) + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow M2_{+28}(\downarrow m7_{-28})^{1}} = (1) + \uparrow m3_{+33}(\downarrow M6_{-33})$

$1242 = 2^{1}\bullet 3^{3}\bullet 23^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1}} = (1) + \uparrow m3_{+34}(\downarrow M6_{-34})$

$1243 = 11^{1}\bullet 113^{1} = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m7_{-16}(\downarrow M2_{+16})^{1}} = (1) + \uparrow m3_{+36}(\downarrow M6_{-36})$

$1244 = 2^{2}\bullet 311^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m3_{+37}(\downarrow M6_{-37})^{1}} = (1) + \uparrow m3_{+37}(\downarrow M6_{-37})$

$1245 = 3^{1}\bullet 5^{1}\bullet 83^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow P4_{-50}(\downarrow P5_{+50})^{1}} = (1) + \uparrow m3_{+38}(\downarrow M6_{-38})$

$1246 = 2^{1}\bullet 7^{1}\bullet 89^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow tt_{-29}(\downarrow tt_{+29})^{1}} = (1) + \uparrow m3_{+40}(\downarrow M6_{-40})$

$1247 = 29^{1}\bullet 43^{1} = \mathbf{(1) + \uparrow m7_{+30}(\downarrow M2_{-30})^{1} + \uparrow P4_{+12}(\downarrow P5_{-12})^{1}} = (1) + \uparrow m3_{+41}(\downarrow M6_{-41})$

$1248 = 2^{5}\bullet 3^{1}\bullet 13^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{5} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1}} = (1) + \uparrow m3_{+42}(\downarrow M6_{-42})$

$1249 = 1249^{1} = \mathbf{(1) + \uparrow m3_{+44}(\downarrow M6_{-44})}$

$1250 = 2^{1}\bullet 5^{4} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{4}} = (1) + \uparrow m3_{+45}(\downarrow M6_{-45})$

$1251 = 3^{2}\bullet 139^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m2_{+43}(\downarrow M7_{-43})^{1}} = (1) + \uparrow m3_{+47}(\downarrow M6_{-47})$

$1252 = 2^{2}\bullet 313^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m3_{+48}(\downarrow M6_{-48})^{1}} = (1) + \uparrow m3_{+48}(\downarrow M6_{-48})$

$1253 = 7^{1}\bullet 179^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow tt_{-19}(\downarrow tt_{+19})^{1}} = (1) + \uparrow m3_{+49}(\downarrow M6_{-49})$

$1254 = 2^{1}\bullet 3^{1}\bullet 11^{1}\bullet 19^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1}} = (1) + \uparrow M3_{-49}(\downarrow m6_{+49})$

$1255 = 5^{1}\bullet 251^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow 8ve_{-34}(\downarrow uni_{+34})^{1}} = (1) + \uparrow M3_{-48}(\downarrow m6_{+48})$

$1256 = 2^{3}\bullet 157^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow M3_{-46}(\downarrow m6_{+46})^{1}} = (1) + \uparrow M3_{-46}(\downarrow m6_{+46})$

$1257 = 3^{1}\bullet 419^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M6_{-47}(\downarrow m3_{+47})^{1}} = (1) + \uparrow M3_{-45}(\downarrow m6_{+45})$

$1258 = 2^1 \bullet 17^1 \bullet 37^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow m3_{-49}(\downarrow M6_{+49})^1} = (1) + \uparrow M3_{-44}(\downarrow m6_{+44})$

$1259 = 1259^1 = \mathbf{(1) + \uparrow M3_{-42}(\downarrow m6_{+42})}$

$1260 = 2^2 \bullet 3^2 \bullet 5^1 \bullet 7^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1} = (1) + \uparrow M3_{-41}(\downarrow m6_{+41})$

$1261 = 13^1 \bullet 97^1 = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow P5_{+20}(\downarrow P4_{-20})^1} = (1) + \uparrow M3_{-40}(\downarrow m6_{+40})$

$1262 = 2^1 \bullet 631^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-38}(\downarrow m6_{+38})^1} = (1) + \uparrow M3_{-38}(\downarrow m6_{+38})$

$1263 = 3^1 \bullet 421^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M6_{-39}(\downarrow m3_{+39})^1} = (1) + \uparrow M3_{-37}(\downarrow m6_{+37})$

$1264 = 2^4 \bullet 79^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow M3_{-35}(\downarrow m6_{+35})^1} = (1) + \uparrow M3_{-35}(\downarrow m6_{+35})$

$1265 = 5^1 \bullet 11^1 \bullet 23^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1} = (1) + \uparrow M3_{-34}(\downarrow m6_{+34})$

$1266 = 2^1 \bullet 3^1 \bullet 211^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M6_{-35}(\downarrow m3_{+35})^1} = (1) + \uparrow M3_{-33}(\downarrow m6_{+33})$

$1267 = 7^1 \bullet 181^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow tt_{+0}(\downarrow tt_{-0})^1} = (1) + \uparrow M3_{-31}(\downarrow m6_{+31})$

$1268 = 2^2 \bullet 317^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M3_{-30}(\downarrow m6_{+30})^1} = (1) + \uparrow M3_{-30}(\downarrow m6_{+30})$

$1269 = 3^3 \bullet 47^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow P5_{-34}(\downarrow P4_{+34})^1} = (1) + \uparrow M3_{-29}(\downarrow m6_{+29})$

$1270 = 2^1 \bullet 5^1 \bullet 127^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow 8ve_{-14}(\downarrow uni_{+14})^1} = (1) + \uparrow M3_{-27}(\downarrow m6_{+27})$

$1271 = 31^1 \bullet 41^1 = \mathbf{(1) + \uparrow M7_{+45}(\downarrow m2_{-45})^1 + \uparrow M3_{+29}(\downarrow m6_{-29})^1} = (1) + \uparrow M3_{-26}(\downarrow m6_{+26})$

$1272 = 2^3 \bullet 3^1 \bullet 53^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M6_{-26}(\downarrow m3_{+26})^1} = (1) + \uparrow M3_{-25}(\downarrow m6_{+25})$

$1273 = 19^1 \bullet 67^1 = \mathbf{(1) + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow m2_{-21}(\downarrow M7_{+21})^1} = (1) + \uparrow M3_{-23}(\downarrow m6_{+23})$

$1274 = 2^1 \bullet 7^2 \bullet 13^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^2 + \uparrow m6_{+41}(\downarrow M3_{-41})^1} = (1) + \uparrow M3_{-22}(\downarrow m6_{+22})$

$1275 = 3^1 \bullet 5^2 \bullet 17^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow m2_{+5}(\downarrow M7_{-5})^1} = (1) + \uparrow M3_{-20}(\downarrow m6_{+20})$

$1276 = 2^2 \bullet 11^1 \bullet 29^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1} = (1) + \uparrow M3_{-19}(\downarrow m6_{+19})$

$1277 = 1277^1 = \mathbf{(1) + \uparrow M3_{-18}(\downarrow m6_{+18})}$

$1278 = 2^1 \bullet 3^2 \bullet 71^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M2_{-20}(\downarrow m7_{+20})^1} = (1) + \uparrow M3_{-16}(\downarrow m6_{+16})$

$1279 = 1279^1 = \mathbf{(1) + \uparrow M3_{-15}(\downarrow m6_{+15})}$

$1280 = 2^8 \bullet 5^1 = \mathbf{(1) + \updownarrow 8ve(uni)^8 + \uparrow M3_{-14}(\downarrow m6_{+14})^1} = (1) + \uparrow M3_{-14}(\downarrow m6_{+14})$

$1281 = 3^1 \bullet 7^1 \bullet 61^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M7_{+17}(\downarrow m2_{-17})^1} = (1) + \uparrow M3_{-12}(\downarrow m6_{+12})$

$1282 = 2^1 \bullet 641^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-11}(\downarrow m6_{+11})^1} = (1) + \uparrow M3_{-11}(\downarrow m6_{+11})$

$1283 = 1283^1 = \mathbf{(1) + \uparrow M3_{-10}(\downarrow m6_{+10})}$

$1284 = 2^2 \bullet 3^1 \bullet 107^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M6_{-10}(\downarrow m3_{+10})^1} = (1) + \uparrow M3_{-8}(\downarrow m6_{+8})$

$1285 = 5^1 \bullet 257^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow uni_{+7}(\downarrow 8ve_{-7})^1} = (1) + \uparrow M3_{-7}(\downarrow m6_{+7})$

$1286 = 2^1 \bullet 643^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-6}(\downarrow m6_{+6})^1} = (1) + \uparrow M3_{-6}(\downarrow m6_{+6})$

$1287 = 3^2 \bullet 11^1 \bullet 13^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1} = (1) + \uparrow M3_{-4}(\downarrow m6_{+4})$

$1288 = 2^3 \bullet 7^1 \bullet 23^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1} = (1) + \uparrow M3_{-3}(\downarrow m6_{+3})$

$1289 = 1289^1 = \mathbf{(1) + \uparrow M3_{-2}(\downarrow m6_{+2})}$

$1290 = 2^1 \bullet 3^1 \bullet 5^1 \bullet 43^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow P4_{+12}(\downarrow P5_{-12})^1} = (1) + \uparrow M3_{+0}(\downarrow m6_{-0})$

$1291 = 1291^1 = \mathbf{(1) + \uparrow M3_{+1}(\downarrow m6_{-1})}$

$1292 = 2^2 \bullet 17^1 \bullet 19^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1} = (1) + \uparrow M3_{+2}(\downarrow m6_{-2})$

$1293 = 3^1 \bullet 431^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M6_{+2}(\downarrow m3_{-2})^1} = (1) + \uparrow M3_{+4}(\downarrow m6_{-4})$

$1294 = 2^1 \bullet 647^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{+5}(\downarrow m6_{-5})^1} = (1) + \uparrow M3_{+5}(\downarrow m6_{-5})$

$1295 = 5^1 \bullet 7^1 \bullet 37^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m3_{-49}(\downarrow M6_{+49})^1} = (1) + \uparrow M3_{+6}(\downarrow m6_{-6})$

$1296 = 2^4 \bullet 3^4 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow P5_{+2}(\downarrow P4_{-2})^4} = (1) + \uparrow M3_{+8}(\downarrow m6_{-8})$

$1297 = 1297^1 = \mathbf{(1) + \uparrow M3_{+9}(\downarrow m6_{-9})}$

$1298 = 2^1 \bullet 11^1 \bullet 59^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow M7_{-41}(\downarrow m2_{+41})^1} = (1) + \uparrow M3_{+10}(\downarrow m6_{-10})$

$1299 = 3^1 \bullet 433^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M6_{+10}(\downarrow m3_{-10})^1} = (1) + \uparrow M3_{+12}(\downarrow m6_{-12})$

$1300 = 2^2 \bullet 5^2 \bullet 13^1 = (1) + \updownarrow 8ve(uni)^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 = (1) + \uparrow M3_{+13}(\downarrow m6_{-13})$

$1301 = 1301^1 = (1) + \uparrow M3_{+14}(\downarrow m6_{-14})$

$1302 = 2^1 \bullet 3^1 \bullet 7^1 \bullet 31^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M7_{+45}(\downarrow m2_{-45})^1 = (1) + \uparrow M3_{+16}(\downarrow m6_{-16})$

$1303 = 1303^1 = (1) + \uparrow M3_{+17}(\downarrow m6_{-17})$

$1304 = 2^3 \bullet 163^1 = (1) + \updownarrow 8ve(uni)^3 + \uparrow M3_{+18}(\downarrow m6_{-18})^1 = (1) + \uparrow M3_{+18}(\downarrow m6_{-18})$

$1305 = 3^2 \bullet 5^1 \bullet 29^1 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1 = (1) + \uparrow M3_{+20}(\downarrow m6_{-20})$

$1306 = 2^1 \bullet 653^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{+21}(\downarrow m6_{-21})^1 = (1) + \uparrow M3_{+21}(\downarrow m6_{-21})$

$1307 = 1307^1 = (1) + \uparrow M3_{+22}(\downarrow m6_{-22})$

$1308 = 2^2 \bullet 3^1 \bullet 109^1 = (1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M6_{+22}(\downarrow m3_{-22})^1 = (1) + \uparrow M3_{+24}(\downarrow m6_{-24})$

$1309 = 7^1 \bullet 11^1 \bullet 17^1 = (1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 = (1) + \uparrow M3_{+25}(\downarrow m6_{-25})$

$1310 = 2^1 \bullet 5^1 \bullet 131^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow uni_{+40}(\downarrow 8ve_{-40})^1 = (1) + \uparrow M3_{+26}(\downarrow m6_{-26})$

$1311 = 3^1 \bullet 19^1 \bullet 23^1 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1 = (1) + \uparrow M3_{+28}(\downarrow m6_{-28})$

$1312 = 2^5 \bullet 41^1 = (1) + \updownarrow 8ve(uni)^5 + \uparrow M3_{+29}(\downarrow m6_{-29})^1 = (1) + \uparrow M3_{+29}(\downarrow m6_{-29})$

$1313 = 13^1 \bullet 101^1 = (1) + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow m6_{-10}(\downarrow M3_{+10})^1 = (1) + \uparrow M3_{+30}(\downarrow m6_{-30})$

$1314 = 2^1 \bullet 3^2 \bullet 73^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M2_{+28}(\downarrow m7_{-28})^1 = (1) + \uparrow M3_{+32}(\downarrow m6_{-32})$

$1315 = 5^1 \bullet 263^1 = (1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow uni_{+47}(\downarrow 8ve_{-47})^1 = (1) + \uparrow M3_{+33}(\downarrow m6_{-33})$

$1316 = 2^2 \bullet 7^1 \bullet 47^1 = (1) + \updownarrow 8ve(uni)^2 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow P5_{-34}(\downarrow P4_{+34})^1 = (1) + \uparrow M3_{+34}(\downarrow m6_{-34})$

$1317 = 3^1 \bullet 439^1 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M6_{+34}(\downarrow m3_{-34})^1 = (1) + \uparrow M3_{+36}(\downarrow m6_{-36})$

$1318 = 2^1 \bullet 659^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{+37}(\downarrow m6_{-37})^1 = (1) + \uparrow M3_{+37}(\downarrow m6_{-37})$

$1319 = 1319^1 = (1) + \uparrow M3_{+38}(\downarrow m6_{-38})$

$1320 = 2^3 \bullet 3^1 \bullet 5^1 \bullet 11^1 = (1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 = (1) + \uparrow M3_{+40}(\downarrow m6_{-40})$

$1321 = 1321^1 = (1) + \uparrow M3_{+41}(\downarrow m6_{-41})$

$1322 = 2^1 \bullet 661^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{+42}(\downarrow m6_{-42})^1 = (1) + \uparrow M3_{+42}(\downarrow m6_{-42})$

$1323 = 3^3 \bullet 7^2 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow m7_{-31}(\downarrow M2_{+31})^2 = (1) + \uparrow M3_{+44}(\downarrow m6_{-44})$

$1324 = 2^2 \bullet 331^1 = (1) + \updownarrow 8ve(uni)^2 + \uparrow M3_{+45}(\downarrow m6_{-45})^1 = (1) + \uparrow M3_{+45}(\downarrow m6_{-45})$

$1325 = 5^2 \bullet 53^1 = (1) + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow M6_{-26}(\downarrow m3_{+26})^1 = (1) + \uparrow M3_{+46}(\downarrow m6_{-46})$

$1326 = 2^1 \bullet 3^1 \bullet 13^1 \bullet 17^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 = (1) + \uparrow M3_{+47}(\downarrow m6_{-47})$

$1327 = 1327^1 = (1) + \uparrow M3_{+49}(\downarrow m6_{-49})$

$1328 = 2^4 \bullet 83^1 = (1) + \updownarrow 8ve(uni)^4 + \uparrow P4_{-50}(\downarrow P5_{+50})^1 = (1) + \uparrow P4_{-50}(\downarrow P5_{+50})$

$1329 = 3^1 \bullet 443^1 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M6_{+49}(\downarrow m3_{-49})^1 = (1) + \uparrow P4_{-49}(\downarrow P5_{+49})$

$1330 = 2^1 \bullet 5^1 \bullet 7^1 \bullet 19^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 = (1) + \uparrow P4_{-47}(\downarrow P5_{+47})$

$1331 = 11^3 = (1) + \uparrow tt_{-49}(\downarrow tt_{+49})^3 = (1) + \uparrow P4_{-46}(\downarrow P5_{+46})$

$1332 = 2^2 \bullet 3^2 \bullet 37^1 = (1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m3_{-49}(\downarrow M6_{+49})^1 = (1) + \uparrow P4_{-45}(\downarrow P5_{+45})$

$1333 = 31^1 \bullet 43^1 = (1) + \uparrow M7_{+45}(\downarrow m2_{-45})^1 + \uparrow P4_{+12}(\downarrow P5_{-12})^1 = (1) + \uparrow P4_{-43}(\downarrow P5_{+43})$

$1334 = 2^1 \bullet 23^1 \bullet 29^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1 = (1) + \uparrow P4_{-42}(\downarrow P5_{+42})$

$1335 = 3^1 \bullet 5^1 \bullet 89^1 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{-29}(\downarrow tt_{+29})^1 = (1) + \uparrow P4_{-41}(\downarrow P5_{+41})$

$1336 = 2^3 \bullet 167^1 = (1) + \updownarrow 8ve(uni)^3 + \uparrow P4_{-40}(\downarrow P5_{+40})^1 = (1) + \uparrow P4_{-40}(\downarrow P5_{+40})$

$1337 = 7^1 \bullet 191^1 = (1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow P5_{-7}(\downarrow P4_{+7})^1 = (1) + \uparrow P4_{-38}(\downarrow P5_{+38})$

$1338 = 2^1 \bullet 3^1 \bullet 223^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-39}(\downarrow M2_{+39})^1 = (1) + \uparrow P4_{-37}(\downarrow P5_{+37})$

$1339 = 13^1 \bullet 103^1 = (1) + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow m6_{+24}(\downarrow M3_{-24})^1 = (1) + \uparrow P4_{-36}(\downarrow P5_{+36})$

$1340 = 2^2 \bullet 5^1 \bullet 67^1 = (1) + \updownarrow 8ve(uni)^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m2_{-21}(\downarrow M7_{+21})^1 = (1) + \uparrow P4_{-34}(\downarrow P5_{+34})$

$1341 = 3^2 \bullet 149^1 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m3_{-37}(\downarrow M6_{+37})^1 = (1) + \uparrow P4_{-33}(\downarrow P5_{+33})$

$1342 = 2^{1}\bullet 11^{1}\bullet 61^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow M7_{+17}(\downarrow m2_{-17})^{1}} = (1) + \uparrow P4_{-32}(\downarrow P5_{+32})$

$1343 = 17^{1}\bullet 79^{1} = \mathbf{(1) + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow M3_{-35}(\downarrow m6_{+35})^{1}} = (1) + \uparrow P4_{-31}(\downarrow P5_{+31})$

$1344 = 2^{6}\bullet 3^{1}\bullet 7^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{6} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1}} = (1) + \uparrow P4_{-29}(\downarrow P5_{+29})$

$1345 = 5^{1}\bullet 269^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m2_{-14}(\downarrow M7_{+14})^{1}} = (1) + \uparrow P4_{-28}(\downarrow P5_{+28})$

$1346 = 2^{1}\bullet 673^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P4_{-27}(\downarrow P5_{+27})^{1}} = (1) + \uparrow P4_{-27}(\downarrow P5_{+27})$

$1347 = 3^{1}\bullet 449^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-27}(\downarrow M2_{+27})^{1}} = (1) + \uparrow P4_{-25}(\downarrow P5_{+25})$

$1348 = 2^{2}\bullet 337^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P4_{-24}(\downarrow P5_{+24})^{1}} = (1) + \uparrow P4_{-24}(\downarrow P5_{+24})$

$1349 = 19^{1}\bullet 71^{1} = \mathbf{(1) + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow M2_{-20}(\downarrow m7_{+20})^{1}} = (1) + \uparrow P4_{-23}(\downarrow P5_{+23})$

$1350 = 2^{1}\bullet 3^{3}\bullet 5^{2} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow M3_{-14}(\downarrow m6_{+14})^{2}} = (1) + \uparrow P4_{-22}(\downarrow P5_{+22})$

$1351 = 7^{1}\bullet 193^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow P5_{+11}(\downarrow P4_{-11})^{1}} = (1) + \uparrow P4_{-20}(\downarrow P5_{+20})$

$1352 = 2^{3}\bullet 13^{2} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow m6_{+41}(\downarrow M3_{-41})^{2}} = (1) + \uparrow P4_{-19}(\downarrow P5_{+19})$

$1353 = 3^{1}\bullet 11^{1}\bullet 41^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow M3_{+29}(\downarrow m6_{-29})^{1}} = (1) + \uparrow P4_{-18}(\downarrow P5_{+18})$

$1354 = 2^{1}\bullet 677^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P4_{-16}(\downarrow P5_{+16})^{1}} = (1) + \uparrow P4_{-16}(\downarrow P5_{+16})$

$1355 = 5^{1}\bullet 271^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m2_{-1}(\downarrow M7_{+1})^{1}} = (1) + \uparrow P4_{-15}(\downarrow P5_{+15})$

$1356 = 2^{2}\bullet 3^{1}\bullet 113^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-16}(\downarrow M2_{+16})^{1}} = (1) + \uparrow P4_{-14}(\downarrow P5_{+14})$

$1357 = 23^{1}\bullet 59^{1} = \mathbf{(1) + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow M7_{-41}(\downarrow m2_{+41})^{1}} = (1) + \uparrow P4_{-13}(\downarrow P5_{+13})$

$1358 = 2^{1}\bullet 7^{1}\bullet 97^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow P5_{+20}(\downarrow P4_{-20})^{1}} = (1) + \uparrow P4_{-11}(\downarrow P5_{+11})$

$1359 = 3^{2}\bullet 151^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m3_{-14}(\downarrow M6_{+14})^{1}} = (1) + \uparrow P4_{-10}(\downarrow P5_{+10})$

$1360 = 2^{4}\bullet 5^{1}\bullet 17^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1}} = (1) + \uparrow P4_{-9}(\downarrow P5_{+9})$

$1361 = 1361^{1} = \mathbf{(1) + \uparrow P4_{-7}(\downarrow P5_{+7})}$

$1362 = 2^{1}\bullet 3^{1}\bullet 227^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-8}(\downarrow M2_{+8})^{1}} = (1) + \uparrow P4_{-6}(\downarrow P5_{+6})$

$1363 = 29^{1}\bullet 47^{1} = \mathbf{(1) + \uparrow m7_{+30}(\downarrow M2_{-30})^{1} + \uparrow P5_{-34}(\downarrow P4_{+34})^{1}} = (1) + \uparrow P4_{-5}(\downarrow P5_{+5})$

$1364 = 2^{2}\bullet 11^{1}\bullet 31^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1}} = (1) + \uparrow P4_{-4}(\downarrow P5_{+4})$

$1365 = 3^{1}\bullet 5^{1}\bullet 7^{1}\bullet 13^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1}} = (1) + \uparrow P4_{-2}(\downarrow P5_{+2})$

$1366 = 2^{1}\bullet 683^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P4_{-1}(\downarrow P5_{+1})^{1}} = (1) + \uparrow P4_{-1}(\downarrow P5_{+1})$

$1367 = 1367^{1} = \mathbf{(1) + \uparrow P4_{+0}(\downarrow P5_{-0})}$

$1368 = 2^{3}\bullet 3^{2}\bullet 19^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1}} = (1) + \uparrow P4_{+1}(\downarrow P5_{-1})$

$1369 = 37^{2} = \mathbf{(1) + \uparrow m3_{-49}(\downarrow M6_{+49})^{2}} = (1) + \uparrow P4_{+3}(\downarrow P5_{-3})$

$1370 = 2^{1}\bullet 5^{1}\bullet 137^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m2_{+18}(\downarrow M7_{-18})^{1}} = (1) + \uparrow P4_{+4}(\downarrow P5_{-4})$

$1371 = 3^{1}\bullet 457^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{+3}(\downarrow M2_{-3})^{1}} = (1) + \uparrow P4_{+5}(\downarrow P5_{-5})$

$1372 = 2^{2}\bullet 7^{3} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{3}} = (1) + \uparrow P4_{+6}(\downarrow P5_{-6})$

$1373 = 1373^{1} = \mathbf{(1) + \uparrow P4_{+8}(\downarrow P5_{-8})}$

$1374 = 2^{1}\bullet 3^{1}\bullet 229^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{+7}(\downarrow M2_{-7})^{1}} = (1) + \uparrow P4_{+9}(\downarrow P5_{-9})$

$1375 = 5^{3}\bullet 11^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{3} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1}} = (1) + \uparrow P4_{+10}(\downarrow P5_{-10})$

$1376 = 2^{5}\bullet 43^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{5} + \uparrow P4_{+12}(\downarrow P5_{-12})^{1}} = (1) + \uparrow P4_{+12}(\downarrow P5_{-12})$

$1377 = 3^{4}\bullet 17^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{4} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1}} = (1) + \uparrow P4_{+13}(\downarrow P5_{-13})$

$1378 = 2^{1}\bullet 13^{1}\bullet 53^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow M6_{-26}(\downarrow m3_{+26})^{1}} = (1) + \uparrow P4_{+14}(\downarrow P5_{-14})$

$1379 = 7^{1}\bullet 197^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow P5_{+46}(\downarrow P4_{-46})^{1}} = (1) + \uparrow P4_{+15}(\downarrow P5_{-15})$

$1380 = 2^{2}\bullet 3^{1}\bullet 5^{1}\bullet 23^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1}} = (1) + \uparrow P4_{+17}(\downarrow P5_{-17})$

$1381 = 1381^{1} = \mathbf{(1) + \uparrow P4_{+18}(\downarrow P5_{-18})}$

$1382 = 2^{1}\bullet 691^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P4_{+19}(\downarrow P5_{-19})^{1}} = (1) + \uparrow P4_{+19}(\downarrow P5_{-19})$

$1383 = 3^{1}\bullet 461^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{+18}(\downarrow M2_{-18})^{1}} = (1) + \uparrow P4_{+20}(\downarrow P5_{-20})$

$1384 = 2^3 \bullet 173^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow P4_{+22}(\downarrow P5_{-22})^1} = (1) + \uparrow P4_{+22}(\downarrow P5_{-22})$

$1385 = 5^1 \bullet 277^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m2_{+36}(\downarrow M7_{-36})^1} = (1) + \uparrow P4_{+23}(\downarrow P5_{-23})$

$1386 = 2^1 \bullet 3^2 \bullet 7^1 \bullet 11^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1} = (1) + \uparrow P4_{+24}(\downarrow P5_{-24})$

$1387 = 19^1 \bullet 73^1 = \mathbf{(1) + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow M2_{+28}(\downarrow m7_{-28})^1} = (1) + \uparrow P4_{+25}(\downarrow P5_{-25})$

$1388 = 2^2 \bullet 347^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P4_{+27}(\downarrow P5_{-27})^1} = (1) + \uparrow P4_{+27}(\downarrow P5_{-27})$

$1389 = 3^1 \bullet 463^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{+26}(\downarrow M2_{-26})^1} = (1) + \uparrow P4_{+28}(\downarrow P5_{-28})$

$1390 = 2^1 \bullet 5^1 \bullet 139^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m2_{+43}(\downarrow M7_{-43})^1} = (1) + \uparrow P4_{+29}(\downarrow P5_{-29})$

$1391 = 13^1 \bullet 107^1 = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow M6_{-10}(\downarrow m3_{+10})^1} = (1) + \uparrow P4_{+30}(\downarrow P5_{-30})$

$1392 = 2^4 \bullet 3^1 \bullet 29^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1} = (1) + \uparrow P4_{+32}(\downarrow P5_{-32})$

$1393 = 7^1 \bullet 199^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m6_{-36}(\downarrow M3_{+36})^1} = (1) + \uparrow P4_{+33}(\downarrow P5_{-33})$

$1394 = 2^1 \bullet 17^1 \bullet 41^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow M3_{+29}(\downarrow m6_{-29})^1} = (1) + \uparrow P4_{+34}(\downarrow P5_{-34})$

$1395 = 3^2 \bullet 5^1 \bullet 31^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M7_{+45}(\downarrow m2_{-45})^1} = (1) + \uparrow P4_{+35}(\downarrow P5_{-35})$

$1396 = 2^2 \bullet 349^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P4_{+36}(\downarrow P5_{-36})^1} = (1) + \uparrow P4_{+36}(\downarrow P5_{-36})$

$1397 = 11^1 \bullet 127^1 = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow 8ve_{-14}(\downarrow uni_{+14})^1} = (1) + \uparrow P4_{+38}(\downarrow P5_{-38})$

$1398 = 2^1 \bullet 3^1 \bullet 233^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{+37}(\downarrow M2_{-37})^1} = (1) + \uparrow P4_{+39}(\downarrow P5_{-39})$

$1399 = 1399^1 = \mathbf{(1) + \uparrow P4_{+40}(\downarrow P5_{-40})}$

$1400 = 2^3 \bullet 5^2 \bullet 7^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow m7_{-31}(\downarrow M2_{+31})^1} = (1) + \uparrow P4_{+41}(\downarrow P5_{-41})$

$1401 = 3^1 \bullet 467^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{+41}(\downarrow M2_{-41})^1} = (1) + \uparrow P4_{+43}(\downarrow P5_{-43})$

$1402 = 2^1 \bullet 701^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P4_{+44}(\downarrow P5_{-44})^1} = (1) + \uparrow P4_{+44}(\downarrow P5_{-44})$

$1403 = 23^1 \bullet 61^1 = \mathbf{(1) + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow M7_{+17}(\downarrow m2_{-17})^1} = (1) + \uparrow P4_{+45}(\downarrow P5_{-45})$

$1404 = 2^2 \bullet 3^3 \bullet 13^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow m6_{+41}(\downarrow M3_{-41})^1} = (1) + \uparrow P4_{+46}(\downarrow P5_{-46})$

$1405 = 5^1 \bullet 281^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M2_{-39}(\downarrow m7_{+39})^1} = (1) + \uparrow P4_{+48}(\downarrow P5_{-48})$

$1406 = 2^1 \bullet 19^1 \bullet 37^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow m3_{-49}(\downarrow M6_{+49})^1} = (1) + \uparrow P4_{+49}(\downarrow P5_{-49})$

$1407 = 3^1 \bullet 7^1 \bullet 67^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m2_{-21}(\downarrow M7_{+21})^1} = (1) + \uparrow tt_{-50}(\downarrow tt_{+50})$

$1408 = 2^7 \bullet 11^1 = \mathbf{(1) + \updownarrow 8ve(uni)^7 + \uparrow tt_{-49}(\downarrow tt_{+49})^1} = (1) + \uparrow tt_{-49}(\downarrow tt_{+49})$

$1409 = 1409^1 = \mathbf{(1) + \uparrow tt_{-47}(\downarrow tt_{+47})}$

$1410 = 2^1 \bullet 3^1 \bullet 5^1 \bullet 47^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow P5_{-34}(\downarrow P4_{+34})^1} = (1) + \uparrow tt_{-46}(\downarrow tt_{+46})$

$1411 = 17^1 \bullet 83^1 = \mathbf{(1) + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow P4_{-50}(\downarrow P5_{+50})^1} = (1) + \uparrow tt_{-45}(\downarrow tt_{+45})$

$1412 = 2^2 \bullet 353^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow tt_{-44}(\downarrow tt_{+44})^1} = (1) + \uparrow tt_{-44}(\downarrow tt_{+44})$

$1413 = 3^2 \bullet 157^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M3_{-46}(\downarrow m6_{+46})^1} = (1) + \uparrow tt_{-43}(\downarrow tt_{+43})$

$1414 = 2^1 \bullet 7^1 \bullet 101^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m6_{-10}(\downarrow M3_{+10})^1} = (1) + \uparrow tt_{-41}(\downarrow tt_{+41})$

$1415 = 5^1 \bullet 283^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M2_{-26}(\downarrow m7_{+26})^1} = (1) + \uparrow tt_{-40}(\downarrow tt_{+40})$

$1416 = 2^3 \bullet 3^1 \bullet 59^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M7_{-41}(\downarrow m2_{+41})^1} = (1) + \uparrow tt_{-39}(\downarrow tt_{+39})$

$1417 = 13^1 \bullet 109^1 = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow M6_{+22}(\downarrow m3_{-22})^1} = (1) + \uparrow tt_{-38}(\downarrow tt_{+38})$

$1418 = 2^1 \bullet 709^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow tt_{-36}(\downarrow tt_{+36})^1} = (1) + \uparrow tt_{-36}(\downarrow tt_{+36})$

$1419 = 3^1 \bullet 11^1 \bullet 43^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow P4_{+12}(\downarrow P5_{-12})^1} = (1) + \uparrow tt_{-35}(\downarrow tt_{+35})$

$1420 = 2^2 \bullet 5^1 \bullet 71^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M2_{-20}(\downarrow m7_{+20})^1} = (1) + \uparrow tt_{-34}(\downarrow tt_{+34})$

$1421 = 7^2 \bullet 29^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^2 + \uparrow m7_{+30}(\downarrow M2_{-30})^1} = (1) + \uparrow tt_{-33}(\downarrow tt_{+33})$

$1422 = 2^1 \bullet 3^2 \bullet 79^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M3_{-35}(\downarrow m6_{+35})^1} = (1) + \uparrow tt_{-32}(\downarrow tt_{+32})$

$1423 = 1423^1 = \mathbf{(1) + \uparrow tt_{-30}(\downarrow tt_{+30})}$

$1424 = 2^4 \bullet 89^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow tt_{-29}(\downarrow tt_{+29})^1} = (1) + \uparrow tt_{-29}(\downarrow tt_{+29})$

$1425 = 3^1 \bullet 5^2 \bullet 19^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow m3_{-2}(\downarrow M6_{+2})^1} = (1) + \uparrow tt_{-28}(\downarrow tt_{+28})$

$1426 = 2^1 \bullet 23^1 \bullet 31^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow M7_{+45}(\downarrow m2_{-45})^1} = (1) + \uparrow tt_{-27}(\downarrow tt_{+27})$

$1427 = 1427^1 = \mathbf{(1) + \uparrow tt_{-25}(\downarrow tt_{+25})}$

$1428 = 2^2 \bullet 3^1 \bullet 7^1 \bullet 17^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1} = (1) + \uparrow tt_{-24}(\downarrow tt_{+24})$

$1429 = 1429^1 = \mathbf{(1) + \uparrow tt_{-23}(\downarrow tt_{+23})}$

$1430 = 2^1 \bullet 5^1 \bullet 11^1 \bullet 13^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1} = (1) + \uparrow tt_{-22}(\downarrow tt_{+22})$

$1431 = 3^3 \bullet 53^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow M6_{-26}(\downarrow m3_{+26})^1} = (1) + \uparrow tt_{-21}(\downarrow tt_{+21})$

$1432 = 2^3 \bullet 179^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow tt_{-19}(\downarrow tt_{+19})^1} = (1) + \uparrow tt_{-19}(\downarrow tt_{+19})$

$1433 = 1433^1 = \mathbf{(1) + \uparrow tt_{-18}(\downarrow tt_{+18})}$

$1434 = 2^1 \bullet 3^1 \bullet 239^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M7_{-19}(\downarrow m2_{+19})^1} = (1) + \uparrow tt_{-17}(\downarrow tt_{+17})$

$1435 = 5^1 \bullet 7^1 \bullet 41^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M3_{+29}(\downarrow m6_{-29})^1} = (1) + \uparrow tt_{-16}(\downarrow tt_{+16})$

$1436 = 2^2 \bullet 359^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow tt_{-15}(\downarrow tt_{+15})^1} = (1) + \uparrow tt_{-15}(\downarrow tt_{+15})$

$1437 = 3^1 \bullet 479^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M7_{-15}(\downarrow m2_{+15})^1} = (1) + \uparrow tt_{-13}(\downarrow tt_{+13})$

$1438 = 2^1 \bullet 719^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow tt_{-12}(\downarrow tt_{+12})^1} = (1) + \uparrow tt_{-12}(\downarrow tt_{+12})$

$1439 = 1439^1 = \mathbf{(1) + \uparrow tt_{-11}(\downarrow tt_{+11})}$

$1440 = 2^5 \bullet 3^2 \bullet 5^1 = \mathbf{(1) + \updownarrow 8ve(uni)^5 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1} = (1) + \uparrow tt_{-10}(\downarrow tt_{+10})$

$1441 = 11^1 \bullet 131^1 = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow uni_{+40}(\downarrow 8ve_{-40})^1} = (1) + \uparrow tt_{-9}(\downarrow tt_{+9})$

$1442 = 2^1 \bullet 7^1 \bullet 103^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m6_{+24}(\downarrow M3_{-24})^1} = (1) + \uparrow tt_{-7}(\downarrow tt_{+7})$

$1443 = 3^1 \bullet 13^1 \bullet 37^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow m3_{-49}(\downarrow M6_{+49})^1} = (1) + \uparrow tt_{-6}(\downarrow tt_{+6})$

$1444 = 2^2 \bullet 19^2 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m3_{-2}(\downarrow M6_{+2})^2} = (1) + \uparrow tt_{-5}(\downarrow tt_{+5})$

$1445 = 5^1 \bullet 17^2 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^2} = (1) + \uparrow tt_{-4}(\downarrow tt_{+4})$

$1446 = 2^1 \bullet 3^1 \bullet 241^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M7_{-5}(\downarrow m2_{+5})^1} = (1) + \uparrow tt_{-3}(\downarrow tt_{+3})$

$1447 = 1447^1 = \mathbf{(1) + \uparrow tt_{-1}(\downarrow tt_{+1})}$

$1448 = 2^3 \bullet 181^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow tt_{+0}(\downarrow tt_{-0})^1} = (1) + \uparrow tt_{+0}(\downarrow tt_{-0})$

$1449 = 3^2 \bullet 7^1 \bullet 23^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1} = (1) + \uparrow tt_{+1}(\downarrow tt_{-1})$

$1450 = 2^1 \bullet 5^2 \bullet 29^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow m7_{+30}(\downarrow M2_{-30})^1} = (1) + \uparrow tt_{+2}(\downarrow tt_{-2})$

$1451 = 1451^1 = \mathbf{(1) + \uparrow tt_{+3}(\downarrow tt_{-3})}$

$1452 = 2^2 \bullet 3^1 \bullet 11^2 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^2} = (1) + \uparrow tt_{+5}(\downarrow tt_{-5})$

$1453 = 1453^1 = \mathbf{(1) + \uparrow tt_{+6}(\downarrow tt_{-6})}$

$1454 = 2^1 \bullet 727^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow tt_{+7}(\downarrow tt_{-7})^1} = (1) + \uparrow tt_{+7}(\downarrow tt_{-7})$

$1455 = 3^1 \bullet 5^1 \bullet 97^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow P5_{+20}(\downarrow P4_{-20})^1} = (1) + \uparrow tt_{+8}(\downarrow tt_{-8})$

$1456 = 2^4 \bullet 7^1 \bullet 13^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1} = (1) + \uparrow tt_{+9}(\downarrow tt_{-9})$

$1457 = 31^1 \bullet 47^1 = \mathbf{(1) + \uparrow M7_{+45}(\downarrow m2_{-45})^1 + \uparrow P5_{-34}(\downarrow P4_{+34})^1} = (1) + \uparrow tt_{+11}(\downarrow tt_{-11})$

$1458 = 2^1 \bullet 3^6 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^6} = (1) + \uparrow tt_{+12}(\downarrow tt_{-12})$

$1459 = 1459^1 = \mathbf{(1) + \uparrow tt_{+13}(\downarrow tt_{-13})}$

$1460 = 2^2 \bullet 5^1 \bullet 73^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M2_{+28}(\downarrow m7_{-28})^1} = (1) + \uparrow tt_{+14}(\downarrow tt_{-14})$

$1461 = 3^1 \bullet 487^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M7_{+13}(\downarrow m2_{-13})^1} = (1) + \uparrow tt_{+15}(\downarrow tt_{-15})$

$1462 = 2^1 \bullet 17^1 \bullet 43^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow P4_{+12}(\downarrow P5_{-12})^1} = (1) + \uparrow tt_{+16}(\downarrow tt_{-16})$

$1463 = 7^1 \bullet 11^1 \bullet 19^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1} = (1) + \uparrow tt_{+18}(\downarrow tt_{-18})$

$1464 = 2^3 \bullet 3^1 \bullet 61^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M7_{+17}(\downarrow m2_{-17})^1} = (1) + \uparrow tt_{+19}(\downarrow tt_{-19})$

$1465 = 5^1 \bullet 293^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M2_{+34}(\downarrow m7_{-34})^1} = (1) + \uparrow tt_{+20}(\downarrow tt_{-20})$

$1466 = 2^1 \bullet 733^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow tt_{+21}(\downarrow tt_{-21})^1} = (1) + \uparrow tt_{+21}(\downarrow tt_{-21})$

$1467 = 3^2 \bullet 163^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M3_{+18}(\downarrow m6_{-18})^1} = (1) + \uparrow tt_{+22}(\downarrow tt_{-22})$

$1468 = 2^2 \bullet 367^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow tt_{+24}(\downarrow tt_{-24})^1} = (1) + \uparrow tt_{+24}(\downarrow tt_{-24})$

$1469 = 13^1 \bullet 113^1 = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow m7_{-16}(\downarrow M2_{+16})^1} = (1) + \uparrow tt_{+25}(\downarrow tt_{-25})$

$1470 = 2^1 \bullet 3^1 \bullet 5^1 \bullet 7^2 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^2} = (1) + \uparrow tt_{+26}(\downarrow tt_{-26})$

$1471 = 1471^1 = \mathbf{(1) + \uparrow tt_{+27}(\downarrow tt_{-27})}$

$1472 = 2^6 \bullet 23^1 = \mathbf{(1) + \updownarrow 8ve(uni)^6 + \uparrow tt_{+28}(\downarrow tt_{-28})^1} = (1) + \uparrow tt_{+28}(\downarrow tt_{-28})$

$1473 = 3^1 \bullet 491^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M7_{+27}(\downarrow m2_{-27})^1} = (1) + \uparrow tt_{+29}(\downarrow tt_{-29})$

$1474 = 2^1 \bullet 11^1 \bullet 67^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m2_{-21}(\downarrow M7_{+21})^1} = (1) + \uparrow tt_{+31}(\downarrow tt_{-31})$

$1475 = 5^2 \bullet 59^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow M7_{-41}(\downarrow m2_{+41})^1} = (1) + \uparrow tt_{+32}(\downarrow tt_{-32})$

$1476 = 2^2 \bullet 3^2 \bullet 41^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M3_{+29}(\downarrow m6_{-29})^1} = (1) + \uparrow tt_{+33}(\downarrow tt_{-33})$

$1477 = 7^1 \bullet 211^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M6_{-35}(\downarrow m3_{+35})^1} = (1) + \uparrow tt_{+34}(\downarrow tt_{-34})$

$1478 = 2^1 \bullet 739^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow tt_{+35}(\downarrow tt_{-35})^1} = (1) + \uparrow tt_{+35}(\downarrow tt_{-35})$

$1479 = 3^1 \bullet 17^1 \bullet 29^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1} = (1) + \uparrow tt_{+36}(\downarrow tt_{-36})$

$1480 = 2^3 \bullet 5^1 \bullet 37^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m3_{-49}(\downarrow M6_{+49})^1} = (1) + \uparrow tt_{+38}(\downarrow tt_{-38})$

$1481 = 1481^1 = \mathbf{(1) + \uparrow tt_{+39}(\downarrow tt_{-39})}$

$1482 = 2^1 \bullet 3^1 \bullet 13^1 \bullet 19^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1} = (1) + \uparrow tt_{+40}(\downarrow tt_{-40})$

$1483 = 1483^1 = \mathbf{(1) + \uparrow tt_{+41}(\downarrow tt_{-41})}$

$1484 = 2^2 \bullet 7^1 \bullet 53^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M6_{-26}(\downarrow m3_{+26})^1} = (1) + \uparrow tt_{+42}(\downarrow tt_{-42})$

$1485 = 3^3 \bullet 5^1 \bullet 11^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1} = (1) + \uparrow tt_{+43}(\downarrow tt_{-43})$

$1486 = 2^1 \bullet 743^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow tt_{+45}(\downarrow tt_{-45})^1} = (1) + \uparrow tt_{+45}(\downarrow tt_{-45})$

$1487 = 1487^1 = \mathbf{(1) + \uparrow tt_{+46}(\downarrow tt_{-46})}$

$1488 = 2^4 \bullet 3^1 \bullet 31^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M7_{+45}(\downarrow m2_{-45})^1} = (1) + \uparrow tt_{+47}(\downarrow tt_{-47})$

$1489 = 1489^1 = \mathbf{(1) + \uparrow tt_{+48}(\downarrow tt_{-48})}$

$1490 = 2^1 \bullet 5^1 \bullet 149^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m3_{-37}(\downarrow M6_{+37})^1} = (1) + \uparrow tt_{+49}(\downarrow tt_{-49})$

$1491 = 3^1 \bullet 7^1 \bullet 71^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M2_{-20}(\downarrow m7_{+20})^1} = (1) + \uparrow P5_{-50}(\downarrow P4_{+50})$

$1492 = 2^2 \bullet 373^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{-48}(\downarrow P4_{+48})^1} = (1) + \uparrow P5_{-48}(\downarrow P4_{+48})$

$1493 = 1493^1 = \mathbf{(1) + \uparrow P5_{-47}(\downarrow P4_{+47})}$

$1494 = 2^1 \bullet 3^2 \bullet 83^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow P4_{-50}(\downarrow P5_{+50})^1} = (1) + \uparrow P5_{-46}(\downarrow P4_{+46})$

$1495 = 5^1 \bullet 13^1 \bullet 23^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1} = (1) + \uparrow P5_{-45}(\downarrow P4_{+45})$

$1496 = 2^3 \bullet 11^1 \bullet 17^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1} = (1) + \uparrow P5_{-44}(\downarrow P4_{+44})$

$1497 = 3^1 \bullet 499^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow 8ve_{-45}(\downarrow uni_{+45})^1} = (1) + \uparrow P5_{-43}(\downarrow P4_{+43})$

$1498 = 2^1 \bullet 7^1 \bullet 107^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M6_{-10}(\downarrow m3_{+10})^1} = (1) + \uparrow P5_{-41}(\downarrow P4_{+41})$

$1499 = 1499^1 = \mathbf{(1) + \uparrow P5_{-40}(\downarrow P4_{+40})}$

$1500 = 2^2 \bullet 3^1 \bullet 5^3 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^3} = (1) + \uparrow P5_{-39}(\downarrow P4_{+39})$

$1501 = 19^1 \bullet 79^1 = \mathbf{(1) + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow M3_{-35}(\downarrow m6_{+35})^1} = (1) + \uparrow P5_{-38}(\downarrow P4_{+38})$

$1502 = 2^1 \bullet 751^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{-37}(\downarrow P4_{+37})^1} = (1) + \uparrow P5_{-37}(\downarrow P4_{+37})$

$1503 = 3^2 \bullet 167^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow P4_{-40}(\downarrow P5_{+40})^1} = (1) + \uparrow P5_{-36}(\downarrow P4_{+36})$

$1504 = 2^5 \bullet 47^1 = \mathbf{(1) + \updownarrow 8ve(uni)^5 + \uparrow P5_{-34}(\downarrow P4_{+34})^1} = (1) + \uparrow P5_{-34}(\downarrow P4_{+34})$

$1505 = 5^1 \bullet 7^1 \bullet 43^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow P4_{+12}(\downarrow P5_{-12})^1} = (1) + \uparrow P5_{-33}(\downarrow P4_{+33})$

$1506 = 2^1 \bullet 3^1 \bullet 251^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow 8ve_{-34}(\downarrow uni_{+34})^1} = (1) + \uparrow P5_{-32}(\downarrow P4_{+32})$

$1507 = 11^1 \bullet 137^1 = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m2_{+18}(\downarrow M7_{-18})^1} = (1) + \uparrow P5_{-31}(\downarrow P4_{+31})$

$1508 = 2^2 \bullet 13^1 \bullet 29^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1} = (1) + \uparrow P5_{-30}(\downarrow P4_{+30})$

$1509 = 3^1 \bullet 503^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow 8ve_{-31}(\downarrow uni_{+31})^1} = (1) + \uparrow P5_{-29}(\downarrow P4_{+29})$

$1510 = 2^1 \bullet 5^1 \bullet 151^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m3_{-14}(\downarrow M6_{+14})^1} = (1) + \uparrow P5_{-28}(\downarrow P4_{+28})$

$1511 = 1511^1 = \mathbf{(1) + \uparrow P5_{-26}(\downarrow P4_{+26})}$

$1512 = 2^3 \bullet 3^3 \bullet 7^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow m7_{-31}(\downarrow M2_{+31})^1} = (1) + \uparrow P5_{-25}(\downarrow P4_{+25})$

$1513 = 17^1 \bullet 89^1 = \mathbf{(1) + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow tt_{-29}(\downarrow tt_{+29})^1} = (1) + \uparrow P5_{-24}(\downarrow P4_{+24})$

$1514 = 2^1 \bullet 757^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{-23}(\downarrow P4_{+23})^1} = (1) + \uparrow P5_{-23}(\downarrow P4_{+23})$

$1515 = 3^1 \bullet 5^1 \bullet 101^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m6_{-10}(\downarrow M3_{+10})^1} = (1) + \uparrow P5_{-22}(\downarrow P4_{+22})$

$1516 = 2^2 \bullet 379^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{-21}(\downarrow P4_{+21})^1} = (1) + \uparrow P5_{-21}(\downarrow P4_{+21})$

$1517 = 37^1 \bullet 41^1 = \mathbf{(1) + \uparrow m3_{-49}(\downarrow M6_{+49})^1 + \uparrow M3_{+29}(\downarrow m6_{-29})^1} = (1) + \uparrow P5_{-20}(\downarrow P4_{+20})$

$1518 = 2^1 \bullet 3^1 \bullet 11^1 \bullet 23^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1} = (1) + \uparrow P5_{-18}(\downarrow P4_{+18})$

$1519 = 7^2 \bullet 31^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^2 + \uparrow M7_{+45}(\downarrow m2_{-45})^1} = (1) + \uparrow P5_{-17}(\downarrow P4_{+17})$

$1520 = 2^4 \bullet 5^1 \bullet 19^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1} = (1) + \uparrow P5_{-16}(\downarrow P4_{+16})$

$1521 = 3^2 \bullet 13^2 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m6_{+41}(\downarrow M3_{-41})^2} = (1) + \uparrow P5_{-15}(\downarrow P4_{+15})$

$1522 = 2^1 \bullet 761^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{-14}(\downarrow P4_{+14})^1} = (1) + \uparrow P5_{-14}(\downarrow P4_{+14})$

$1523 = 1523^1 = \mathbf{(1) + \uparrow P5_{-13}(\downarrow P4_{+13})}$

$1524 = 2^2 \bullet 3^1 \bullet 127^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow 8ve_{-14}(\downarrow uni_{+14})^1} = (1) + \uparrow P5_{-12}(\downarrow P4_{+12})$

$1525 = 5^2 \bullet 61^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow M7_{+17}(\downarrow m2_{-17})^1} = (1) + \uparrow P5_{-10}(\downarrow P4_{+10})$

$1526 = 2^1 \bullet 7^1 \bullet 109^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M6_{+22}(\downarrow m3_{-22})^1} = (1) + \uparrow P5_{-9}(\downarrow P4_{+9})$

$1527 = 3^1 \bullet 509^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow 8ve_{-10}(\downarrow uni_{+10})^1} = (1) + \uparrow P5_{-8}(\downarrow P4_{+8})$

$1528 = 2^3 \bullet 191^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{-7}(\downarrow P4_{+7})^1} = (1) + \uparrow P5_{-7}(\downarrow P4_{+7})$

$1529 = 11^1 \bullet 139^1 = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m2_{+43}(\downarrow M7_{-43})^1} = (1) + \uparrow P5_{-6}(\downarrow P4_{+6})$

$1530 = 2^1 \bullet 3^2 \bullet 5^1 \bullet 17^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1} = (1) + \uparrow P5_{-5}(\downarrow P4_{+5})$

$1531 = 1531^1 = \mathbf{(1) + \uparrow P5_{-4}(\downarrow P4_{+4})}$

$1532 = 2^2 \bullet 383^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{-3}(\downarrow P4_{+3})^1} = (1) + \uparrow P5_{-3}(\downarrow P4_{+3})$

$1533 = 3^1 \bullet 7^1 \bullet 73^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M2_{+28}(\downarrow m7_{-28})^1} = (1) + \uparrow P5_{-1}(\downarrow P4_{+1})$

$1534 = 2^1 \bullet 13^1 \bullet 59^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow M7_{-41}(\downarrow m2_{+41})^1} = (1) + \uparrow P5_{+0}(\downarrow P4_{-0})$

$1535 = 5^1 \bullet 307^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m3_{+15}(\downarrow M6_{-15})^1} = (1) + \uparrow P5_{+1}(\downarrow P4_{-1})$

$1536 = 2^9 \bullet 3^1 = \mathbf{(1) + \updownarrow 8ve(uni)^9 + \uparrow P5_{+2}(\downarrow P4_{-2})^1} = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})$

$1537 = 29^1 \bullet 53^1 = \mathbf{(1) + \uparrow m7_{+30}(\downarrow M2_{-30})^1 + \uparrow M6_{-26}(\downarrow m3_{+26})^1} = (1) + \uparrow P5_{+3}(\downarrow P4_{-3})$

$1538 = 2^1 \bullet 769^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+4}(\downarrow P4_{-4})^1} = (1) + \uparrow P5_{+4}(\downarrow P4_{-4})$

$1539 = 3^4 \bullet 19^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^4 + \uparrow m3_{-2}(\downarrow M6_{+2})^1} = (1) + \uparrow P5_{+5}(\downarrow P4_{-5})$

$1540 = 2^2 \bullet 5^1 \bullet 7^1 \bullet 11^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1} = (1) + \uparrow P5_{+6}(\downarrow P4_{-6})$

$1541 = 23^1 \bullet 67^1 = \mathbf{(1) + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow m2_{-21}(\downarrow M7_{+21})^1} = (1) + \uparrow P5_{+8}(\downarrow P4_{-8})$

$1542 = 2^1 \bullet 3^1 \bullet 257^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow uni_{+7}(\downarrow 8ve_{-7})^1} = (1) + \uparrow P5_{+9}(\downarrow P4_{-9})$

$1543 = 1543^1 = \mathbf{(1) + \uparrow P5_{+10}(\downarrow P4_{-10})}$

$1544 = 2^3 \bullet 193^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{+11}(\downarrow P4_{-11})^1} = (1) + \uparrow P5_{+11}(\downarrow P4_{-11})$

$1545 = 3^1 \bullet 5^1 \bullet 103^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m6_{+24}(\downarrow M3_{-24})^1} = (1) + \uparrow P5_{+12}(\downarrow P4_{-12})$

$1546 = 2^1 \bullet 773^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+13}(\downarrow P4_{-13})^1} = (1) + \uparrow P5_{+13}(\downarrow P4_{-13})$

$1547 = 7^1 \bullet 13^1 \bullet 17^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1} = (1) + \uparrow P5_{+14}(\downarrow P4_{-14})$

$1548 = 2^2 \bullet 3^2 \bullet 43^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow P4_{+12}(\downarrow P5_{-12})^1} = (1) + \uparrow P5_{+15}(\downarrow P4_{-15})$

$1549 = 1549^1 = \mathbf{(1) + \uparrow P5_{+17}(\downarrow P4_{-17})}$

$1550 = 2^1 \bullet 5^2 \bullet 31^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow M7_{+45}(\downarrow m2_{-45})^1} = (1) + \uparrow P5_{+18}(\downarrow P4_{-18})$

$1551 = 3^1 \bullet 11^1 \bullet 47^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow P5_{-34}(\downarrow P4_{+34})^1} = (1) + \uparrow P5_{+19}(\downarrow P4_{-19})$

$1552 = 2^4 \bullet 97^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow P5_{+20}(\downarrow P4_{-20})^1} = (1) + \uparrow P5_{+20}(\downarrow P4_{-20})$

$1553 = 1553^1 = \mathbf{(1) + \uparrow P5_{+21}(\downarrow P4_{-21})}$

$1554 = 2^1 \bullet 3^1 \bullet 7^1 \bullet 37^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m3_{-49}(\downarrow M6_{+49})^1} = (1) + \uparrow P5_{+22}(\downarrow P4_{-22})$

$1555 = 5^1 \bullet 311^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m3_{+37}(\downarrow M6_{-37})^1} = (1) + \uparrow P5_{+23}(\downarrow P4_{-23})$

$1556 = 2^2 \bullet 389^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+24}(\downarrow P4_{-24})^1} = (1) + \uparrow P5_{+24}(\downarrow P4_{-24})$

$1557 = 3^2 \bullet 173^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow P4_{+22}(\downarrow P5_{-22})^1} = (1) + \uparrow P5_{+25}(\downarrow P4_{-25})$

$1558 = 2^1 \bullet 19^1 \bullet 41^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow M3_{+29}(\downarrow m6_{-29})^1} = (1) + \uparrow P5_{+27}(\downarrow P4_{-27})$

$1559 = 1559^1 = \mathbf{(1) + \uparrow P5_{+28}(\downarrow P4_{-28})}$

$1560 = 2^3 \bullet 3^1 \bullet 5^1 \bullet 13^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1} = (1) + \uparrow P5_{+29}(\downarrow P4_{-29})$

$1561 = 7^1 \bullet 223^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m7_{-39}(\downarrow M2_{+39})^1} = (1) + \uparrow P5_{+30}(\downarrow P4_{-30})$

$1562 = 2^1 \bullet 11^1 \bullet 71^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow M2_{-20}(\downarrow m7_{+20})^1} = (1) + \uparrow P5_{+31}(\downarrow P4_{-31})$

$1563 = 3^1 \bullet 521^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow uni_{+30}(\downarrow 8ve_{-30})^1} = (1) + \uparrow P5_{+32}(\downarrow P4_{-32})$

$1564 = 2^2 \bullet 17^1 \bullet 23^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1} = (1) + \uparrow P5_{+33}(\downarrow P4_{-33})$

$1565 = 5^1 \bullet 313^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m3_{+48}(\downarrow M6_{-48})^1} = (1) + \uparrow P5_{+34}(\downarrow P4_{-34})$

$1566 = 2^1 \bullet 3^3 \bullet 29^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow m7_{+30}(\downarrow M2_{-30})^1} = (1) + \uparrow P5_{+35}(\downarrow P4_{-35})$

$1567 = 1567^1 = \mathbf{(1) + \uparrow P5_{+37}(\downarrow P4_{-37})}$

$1568 = 2^5 \bullet 7^2 = \mathbf{(1) + \updownarrow 8ve(uni)^5 + \uparrow m7_{-31}(\downarrow M2_{+31})^2} = (1) + \uparrow P5_{+38}(\downarrow P4_{-38})$

$1569 = 3^1 \bullet 523^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow uni_{+37}(\downarrow 8ve_{-37})^1} = (1) + \uparrow P5_{+39}(\downarrow P4_{-39})$

$1570 = 2^1 \bullet 5^1 \bullet 157^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M3_{-46}(\downarrow m6_{+46})^1} = (1) + \uparrow P5_{+40}(\downarrow P4_{-40})$

$1571 = 1571^1 = \mathbf{(1) + \uparrow P5_{+41}(\downarrow P4_{-41})}$

$1572 = 2^2 \bullet 3^1 \bullet 131^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow uni_{+40}(\downarrow 8ve_{-40})^1} = (1) + \uparrow P5_{+42}(\downarrow P4_{-42})$

$1573 = 11^2 \bullet 13^1 = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^2 + \uparrow m6_{+41}(\downarrow M3_{-41})^1} = (1) + \uparrow P5_{+43}(\downarrow P4_{-43})$

$1574 = 2^1 \bullet 787^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+44}(\downarrow P4_{-44})^1} = (1) + \uparrow P5_{+44}(\downarrow P4_{-44})$

$1575 = 3^2 \bullet 5^2 \bullet 7^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow m7_{-31}(\downarrow M2_{+31})^1} = (1) + \uparrow P5_{+45}(\downarrow P4_{-45})$

$1576 = 2^3 \bullet 197^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{+46}(\downarrow P4_{-46})^1} = (1) + \uparrow P5_{+46}(\downarrow P4_{-46})$

$1577 = 19^1 \bullet 83^1 = \mathbf{(1) + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow P4_{-50}(\downarrow P5_{+50})^1} = (1) + \uparrow P5_{+48}(\downarrow P4_{-48})$

$1578 = 2^1 \bullet 3^1 \bullet 263^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow uni_{+47}(\downarrow 8ve_{-47})^1} = (1) + \uparrow P5_{+49}(\downarrow P4_{-49})$

$1579 = 1579^1 = \mathbf{(1) + \uparrow P5_{+50}(\downarrow P4_{-50})}$

$1580 = 2^2 \bullet 5^1 \bullet 79^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M3_{-35}(\downarrow m6_{+35})^1} = (1) + \uparrow m6_{-49}(\downarrow M3_{+49})$

$1581 = 3^1 \bullet 17^1 \bullet 31^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow M7_{+45}(\downarrow m2_{-45})^1} = (1) + \uparrow m6_{-48}(\downarrow M3_{+48})$

$1582 = 2^1 \bullet 7^1 \bullet 113^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m7_{-16}(\downarrow M2_{+16})^1} = (1) + \uparrow m6_{-47}(\downarrow M3_{+47})$

$1583 = 1583^1 = \mathbf{(1) + \uparrow m6_{-46}(\downarrow M3_{+46})}$

$1584 = 2^4 \bullet 3^2 \bullet 11^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow tt_{-49}(\downarrow tt_{+49})^1} = (1) + \uparrow m6_{-45}(\downarrow M3_{+45})$

$1585 = 5^1 \bullet 317^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M3_{-30}(\downarrow m6_{+30})^1} = (1) + \uparrow m6_{-44}(\downarrow M3_{+44})$

$1586 = 2^1 \bullet 13^1 \bullet 61^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow M7_{+17}(\downarrow m2_{-17})^1} = (1) + \uparrow m6_{-43}(\downarrow M3_{+43})$

$1587 = 3^1 \bullet 23^2 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^2} = (1) + \uparrow m6_{-41}(\downarrow M3_{+41})$

$1588 = 2^2 \bullet 397^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m6_{-40}(\downarrow M3_{+40})^1} = (1) + \uparrow m6_{-40}(\downarrow M3_{+40})$

$1589 = 7^1 \bullet 227^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m7_{-8}(\downarrow M2_{+8})^1} = (1) + \uparrow m6_{-39}(\downarrow M3_{+39})$

$1590 = 2^1 \bullet 3^1 \bullet 5^1 \bullet 53^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M6_{-26}(\downarrow m3_{+26})^1} = (1) + \uparrow m6_{-38}(\downarrow M3_{+38})$

$1591 = 37^1 \bullet 43^1 = \mathbf{(1) + \uparrow m3_{-49}(\downarrow M6_{+49})^1 + \uparrow P4_{+12}(\downarrow P5_{-12})^1} = (1) + \uparrow m6_{-37}(\downarrow M3_{+37})$

$1592 = 2^3 \bullet 199^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow m6_{-36}(\downarrow M3_{+36})^1} = (1) + \uparrow m6_{-36}(\downarrow M3_{+36})$

$1593 = 3^3 \bullet 59^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow M7_{-41}(\downarrow m2_{+41})^1} = (1) + \uparrow m6_{-35}(\downarrow M3_{+35})$

$1594 = 2^1 \bullet 797^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m6_{-34}(\downarrow M3_{+34})^1} = (1) + \uparrow m6_{-34}(\downarrow M3_{+34})$

$1595 = 5^1 \bullet 11^1 \bullet 29^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1} = (1) + \uparrow m6_{-33}(\downarrow M3_{+33})$

$1596 = 2^2 \bullet 3^1 \bullet 7^1 \bullet 19^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1} = (1) + \uparrow m6_{-32}(\downarrow M3_{+32})$

$1597 = 1597^1 = \mathbf{(1) + \uparrow m6_{-31}(\downarrow M3_{+31})}$

$1598 = 2^1 \bullet 17^1 \bullet 47^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow P5_{-34}(\downarrow P4_{+34})^1} = (1) + \uparrow m6_{-30}(\downarrow M3_{+30})$

$1599 = 3^1 \bullet 13^1 \bullet 41^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow M3_{+29}(\downarrow m6_{-29})^1} = (1) + \uparrow m6_{-28}(\downarrow M3_{+28})$

$1600 = 2^6 \bullet 5^2 = \mathbf{(1) + \updownarrow 8ve(uni)^6 + \uparrow M3_{-14}(\downarrow m6_{+14})^2} = (1) + \uparrow m6_{-27}(\downarrow M3_{+27})$

$1601 = 1601^1 = \mathbf{(1) + \uparrow m6_{-26}(\downarrow M3_{+26})}$

$1602 = 2^1 \bullet 3^2 \bullet 89^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow tt_{-29}(\downarrow tt_{+29})^1} = (1) + \uparrow m6_{-25}(\downarrow M3_{+25})$

$1603 = 7^1 \bullet 229^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m7_{+7}(\downarrow M2_{-7})^1} = (1) + \uparrow m6_{-24}(\downarrow M3_{+24})$

$1604 = 2^2 \bullet 401^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m6_{-23}(\downarrow M3_{+23})^1} = (1) + \uparrow m6_{-23}(\downarrow M3_{+23})$

$1605 = 3^1 \bullet 5^1 \bullet 107^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M6_{-10}(\downarrow m3_{+10})^1} = (1) + \uparrow m6_{-22}(\downarrow M3_{+22})$

$1606 = 2^1 \bullet 11^1 \bullet 73^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow M2_{+28}(\downarrow m7_{-28})^1} = (1) + \uparrow m6_{-21}(\downarrow M3_{+21})$

$1607 = 1607^1 = \mathbf{(1) + \uparrow m6_{-20}(\downarrow M3_{+20})}$

$1608 = 2^3 \bullet 3^1 \bullet 67^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m2_{-21}(\downarrow M7_{+21})^1} = (1) + \uparrow m6_{-19}(\downarrow M3_{+19})$

$1609 = 1609^1 = \mathbf{(1) + \uparrow m6_{-18}(\downarrow M3_{+18})}$

$1610 = 2^1 \bullet 5^1 \bullet 7^1 \bullet 23^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1} = (1) + \uparrow m6_{-17}(\downarrow M3_{+17})$

$1611 = 3^2 \bullet 179^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow tt_{-19}(\downarrow tt_{+19})^1} = (1) + \uparrow m6_{-16}(\downarrow M3_{+16})$

$1612 = 2^2 \bullet 13^1 \bullet 31^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow M7_{+45}(\downarrow m2_{-45})^1} = (1) + \uparrow m6_{-14}(\downarrow M3_{+14})$

$1613 = 1613^1 = \mathbf{(1) + \uparrow m6_{-13}(\downarrow M3_{+13})}$

$1614 = 2^1 \bullet 3^1 \bullet 269^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m2_{-14}(\downarrow M7_{+14})^1} = (1) + \uparrow m6_{-12}(\downarrow M3_{+12})$

$1615 = 5^1 \bullet 17^1 \bullet 19^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1} = (1) + \uparrow m6_{-11}(\downarrow M3_{+11})$

$1616 = 2^4 \bullet 101^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow m6_{-10}(\downarrow M3_{+10})^1} = (1) + \uparrow m6_{-10}(\downarrow M3_{+10})$

$1617 = 3^1 \bullet 7^2 \bullet 11^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^2 + \uparrow tt_{-49}(\downarrow tt_{+49})^1} = (1) + \uparrow m6_{-9}(\downarrow M3_{+9})$

$1618 = 2^1 \bullet 809^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m6_{-8}(\downarrow M3_{+8})^1} = (1) + \uparrow m6_{-8}(\downarrow M3_{+8})$

$1619 = 1619^1 = \mathbf{(1) + \uparrow m6_{-7}(\downarrow M3_{+7})}$

$1620 = 2^2 \bullet 3^4 \bullet 5^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^4 + \uparrow M3_{-14}(\downarrow m6_{+14})^1} = (1) + \uparrow m6_{-6}(\downarrow M3_{+6})$

$1621 = 1621^1 = \mathbf{(1) + \uparrow m6_{-5}(\downarrow M3_{+5})}$

$1622 = 2^1 \bullet 811^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m6_{-4}(\downarrow M3_{+4})^1} = (1) + \uparrow m6_{-4}(\downarrow M3_{+4})$

$1623 = 3^1 \bullet 541^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m2_{-5}(\downarrow M7_{+5})^1} = (1) + \uparrow m6_{-3}(\downarrow M3_{+3})$

$1624 = 2^3 \bullet 7^1 \bullet 29^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1} = (1) + \uparrow m6_{-2}(\downarrow M3_{+2})$

$1625 = 5^3 \bullet 13^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^3 + \uparrow m6_{+41}(\downarrow M3_{-41})^1} = (1) + \uparrow m6_{-1}(\downarrow M3_{+1})$

$1626 = 2^1 \bullet 3^1 \bullet 271^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m2_{-1}(\downarrow M7_{+1})^1} = (1) + \uparrow m6_{+1}(\downarrow M3_{-1})$

$1627 = 1627^1 = \mathbf{(1) + \uparrow m6_{+2}(\downarrow M3_{-2})}$

$1628 = 2^2 \bullet 11^1 \bullet 37^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m3_{-49}(\downarrow M6_{+49})^1} = (1) + \uparrow m6_{+3}(\downarrow M3_{-3})$

$1629 = 3^2 \bullet 181^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow tt_{+0}(\downarrow tt_{-0})^1} = (1) + \uparrow m6_{+4}(\downarrow M3_{-4})$

$1630 = 2^1 \bullet 5^1 \bullet 163^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M3_{+18}(\downarrow m6_{-18})^1} = (1) + \uparrow m6_{+5}(\downarrow M3_{-5})$

$1631 = 7^1 \bullet 233^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m7_{+37}(\downarrow M2_{-37})^1} = (1) + \uparrow m6_{+6}(\downarrow M3_{-6})$

$1632 = 2^5 \bullet 3^1 \bullet 17^1 = \mathbf{(1) + \updownarrow 8ve(uni)^5 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1} = (1) + \uparrow m6_{+7}(\downarrow M3_{-7})$

$1633 = 23^1 \bullet 71^1 = \mathbf{(1) + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow M2_{-20}(\downarrow m7_{+20})^1} = (1) + \uparrow m6_{+8}(\downarrow M3_{-8})$

$1634 = 2^1 \bullet 19^1 \bullet 43^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow P4_{+12}(\downarrow P5_{-12})^1} = (1) + \uparrow m6_{+9}(\downarrow M3_{-9})$

$1635 = 3^1 \bullet 5^1 \bullet 109^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M6_{+22}(\downarrow m3_{-22})^1} = (1) + \uparrow m6_{+10}(\downarrow M3_{-10})$

$1636 = 2^{2}\bullet 409^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m6_{+11}(\downarrow M3_{-11})^{1}} = (1) + \uparrow m6_{+11}(\downarrow M3_{-11})$

$1637 = 1637^{1} = \mathbf{(1) + \uparrow m6_{+12}(\downarrow M3_{-12})}$

$1638 = 2^{1}\bullet 3^{2}\bullet 7^{1}\bullet 13^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1}} = (1) + \uparrow m6_{+13}(\downarrow M3_{-13})$

$1639 = 11^{1}\bullet 149^{1} = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m3_{-37}(\downarrow M6_{+37})^{1}} = (1) + \uparrow m6_{+14}(\downarrow M3_{-14})$

$1640 = 2^{3}\bullet 5^{1}\bullet 41^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M3_{+29}(\downarrow m6_{-29})^{1}} = (1) + \uparrow m6_{+15}(\downarrow M3_{-15})$

$1641 = 3^{1}\bullet 547^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m2_{+14}(\downarrow M7_{-14})^{1}} = (1) + \uparrow m6_{+16}(\downarrow M3_{-16})$

$1642 = 2^{1}\bullet 821^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m6_{+17}(\downarrow M3_{-17})^{1}} = (1) + \uparrow m6_{+17}(\downarrow M3_{-17})$

$1643 = 31^{1}\bullet 53^{1} = \mathbf{(1) + \uparrow M7_{+45}(\downarrow m2_{-45})^{1} + \uparrow M6_{-26}(\downarrow m3_{+26})^{1}} = (1) + \uparrow m6_{+19}(\downarrow M3_{-19})$

$1644 = 2^{2}\bullet 3^{1}\bullet 137^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m2_{+18}(\downarrow M7_{-18})^{1}} = (1) + \uparrow m6_{+20}(\downarrow M3_{-20})$

$1645 = 5^{1}\bullet 7^{1}\bullet 47^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow P5_{-34}(\downarrow P4_{+34})^{1}} = (1) + \uparrow m6_{+21}(\downarrow M3_{-21})$

$1646 = 2^{1}\bullet 823^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m6_{+22}(\downarrow M3_{-22})^{1}} = (1) + \uparrow m6_{+22}(\downarrow M3_{-22})$

$1647 = 3^{3}\bullet 61^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow M7_{+17}(\downarrow m2_{-17})^{1}} = (1) + \uparrow m6_{+23}(\downarrow M3_{-23})$

$1648 = 2^{4}\bullet 103^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow m6_{+24}(\downarrow M3_{-24})^{1}} = (1) + \uparrow m6_{+24}(\downarrow M3_{-24})$

$1649 = 17^{1}\bullet 97^{1} = \mathbf{(1) + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow P5_{+20}(\downarrow P4_{-20})^{1}} = (1) + \uparrow m6_{+25}(\downarrow M3_{-25})$

$1650 = 2^{1}\bullet 3^{1}\bullet 5^{2}\bullet 11^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1}} = (1) + \uparrow m6_{+26}(\downarrow M3_{-26})$

$1651 = 13^{1}\bullet 127^{1} = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow 8ve_{-14}(\downarrow uni_{+14})^{1}} = (1) + \uparrow m6_{+27}(\downarrow M3_{-27})$

$1652 = 2^{2}\bullet 7^{1}\bullet 59^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M7_{-41}(\downarrow m2_{+41})^{1}} = (1) + \uparrow m6_{+28}(\downarrow M3_{-28})$

$1653 = 3^{1}\bullet 19^{1}\bullet 29^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1}} = (1) + \uparrow m6_{+29}(\downarrow M3_{-29})$

$1654 = 2^{1}\bullet 827^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m6_{+30}(\downarrow M3_{-30})^{1}} = (1) + \uparrow m6_{+30}(\downarrow M3_{-30})$

$1655 = 5^{1}\bullet 331^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M3_{+45}(\downarrow m6_{-45})^{1}} = (1) + \uparrow m6_{+31}(\downarrow M3_{-31})$

$1656 = 2^{3}\bullet 3^{2}\bullet 23^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1}} = (1) + \uparrow m6_{+32}(\downarrow M3_{-32})$

$1657 = 1657^{1} = \mathbf{(1) + \uparrow m6_{+33}(\downarrow M3_{-33})}$

$1658 = 2^{1}\bullet 829^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m6_{+34}(\downarrow M3_{-34})^{1}} = (1) + \uparrow m6_{+34}(\downarrow M3_{-34})$

$1659 = 3^{1}\bullet 7^{1}\bullet 79^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M3_{-35}(\downarrow m6_{+35})^{1}} = (1) + \uparrow m6_{+35}(\downarrow M3_{-35})$

$1660 = 2^{2}\bullet 5^{1}\bullet 83^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow P4_{-50}(\downarrow P5_{+50})^{1}} = (1) + \uparrow m6_{+36}(\downarrow M3_{-36})$

$1661 = 11^{1}\bullet 151^{1} = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m3_{-14}(\downarrow M6_{+14})^{1}} = (1) + \uparrow m6_{+37}(\downarrow M3_{-37})$

$1662 = 2^{1}\bullet 3^{1}\bullet 277^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m2_{+36}(\downarrow M7_{-36})^{1}} = (1) + \uparrow m6_{+38}(\downarrow M3_{-38})$

$1663 = 1663^{1} = \mathbf{(1) + \uparrow m6_{+39}(\downarrow M3_{-39})}$

$1664 = 2^{7}\bullet 13^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{7} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1}} = (1) + \uparrow m6_{+41}(\downarrow M3_{-41})$

$1665 = 3^{2}\bullet 5^{1}\bullet 37^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m3_{-49}(\downarrow M6_{+49})^{1}} = (1) + \uparrow m6_{+42}(\downarrow M3_{-42})$

$1666 = 2^{1}\bullet 7^{2}\bullet 17^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{2} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1}} = (1) + \uparrow m6_{+43}(\downarrow M3_{-43})$

$1667 = 1667^{1} = \mathbf{(1) + \uparrow m6_{+44}(\downarrow M3_{-44})}$

$1668 = 2^{2}\bullet 3^{1}\bullet 139^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m2_{+43}(\downarrow M7_{-43})^{1}} = (1) + \uparrow m6_{+45}(\downarrow M3_{-45})$

$1669 = 1669^{1} = \mathbf{(1) + \uparrow m6_{+46}(\downarrow M3_{-46})}$

$1670 = 2^{1}\bullet 5^{1}\bullet 167^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow P4_{-40}(\downarrow P5_{+40})^{1}} = (1) + \uparrow m6_{+47}(\downarrow M3_{-47})$

$1671 = 3^{1}\bullet 557^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m2_{+46}(\downarrow M7_{-46})^{1}} = (1) + \uparrow m6_{+48}(\downarrow M3_{-48})$

$1672 = 2^{3}\bullet 11^{1}\bullet 19^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1}} = (1) + \uparrow m6_{+49}(\downarrow M3_{-49})$

$1673 = 7^{1}\bullet 239^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M7_{-19}(\downarrow m2_{+19})^{1}} = (1) + \uparrow m6_{+50}(\downarrow M3_{-50})$

$1674 = 2^{1}\bullet 3^{3}\bullet 31^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1}} = (1) + \uparrow M6_{-49}(\downarrow m3_{+49})$

$1675 = 5^{2}\bullet 67^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow m2_{-21}(\downarrow M7_{+21})^{1}} = (1) + \uparrow M6_{-48}(\downarrow m3_{+48})$

$1676 = 2^{2}\bullet 419^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M6_{-47}(\downarrow m3_{+47})^{1}} = (1) + \uparrow M6_{-47}(\downarrow m3_{+47})$

$1677 = 3^{1}\bullet 13^{1}\bullet 43^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow P4_{+12}(\downarrow P5_{-12})^{1}} = (1) + \uparrow M6_{-46}(\downarrow m3_{+46})$

$1678 = 2^{1}\bullet 839^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M6_{-45}(\downarrow m3_{+45})^{1}} = (1) + \uparrow M6_{-45}(\downarrow m3_{+45})$

$1679 = 23^{1}\bullet 73^{1} = \mathbf{(1) + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow M2_{+28}(\downarrow m7_{-28})^{1}} = (1) + \uparrow M6_{-44}(\downarrow m3_{+44})$

$1680 = 2^{4}\bullet 3^{1}\bullet 5^{1}\bullet 7^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1}} = (1) + \uparrow M6_{-43}(\downarrow m3_{+43})$

$1681 = 41^{2} = \mathbf{(1) + \uparrow M3_{+29}(\downarrow m6_{-29})^{2}} = (1) + \uparrow M6_{-42}(\downarrow m3_{+42})$

$1682 = 2^{1}\bullet 29^{2} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{+30}(\downarrow M2_{-30})^{2}} = (1) + \uparrow M6_{-41}(\downarrow m3_{+41})$

$1683 = 3^{2}\bullet 11^{1}\bullet 17^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1}} = (1) + \uparrow M6_{-40}(\downarrow m3_{+40})$

$1684 = 2^{2}\bullet 421^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M6_{-39}(\downarrow m3_{+39})^{1}} = (1) + \uparrow M6_{-39}(\downarrow m3_{+39})$

$1685 = 5^{1}\bullet 337^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow P4_{-24}(\downarrow P5_{+24})^{1}} = (1) + \uparrow M6_{-38}(\downarrow m3_{+38})$

$1686 = 2^{1}\bullet 3^{1}\bullet 281^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M2_{-39}(\downarrow m7_{+39})^{1}} = (1) + \uparrow M6_{-37}(\downarrow m3_{+37})$

$1687 = 7^{1}\bullet 241^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M7_{-5}(\downarrow m2_{+5})^{1}} = (1) + \uparrow M6_{-36}(\downarrow m3_{+36})$

$1688 = 2^{3}\bullet 211^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow M6_{-35}(\downarrow m3_{+35})^{1}} = (1) + \uparrow M6_{-35}(\downarrow m3_{+35})$

$1689 = 3^{1}\bullet 563^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M2_{-36}(\downarrow m7_{+36})^{1}} = (1) + \uparrow M6_{-34}(\downarrow m3_{+34})$

$1690 = 2^{1}\bullet 5^{1}\bullet 13^{2} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{2}} = (1) + \uparrow M6_{-33}(\downarrow m3_{+33})$

$1691 = 19^{1}\bullet 89^{1} = \mathbf{(1) + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow tt_{-29}(\downarrow tt_{+29})^{1}} = (1) + \uparrow M6_{-32}(\downarrow m3_{+32})$

$1692 = 2^{2}\bullet 3^{2}\bullet 47^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow P5_{-34}(\downarrow P4_{+34})^{1}} = (1) + \uparrow M6_{-31}(\downarrow m3_{+31})$

$1693 = 1693^{1} = \mathbf{(1) + \uparrow M6_{-30}(\downarrow m3_{+30})}$

$1694 = 2^{1}\bullet 7^{1}\bullet 11^{2} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{2}} = (1) + \uparrow M6_{-29}(\downarrow m3_{+29})$

$1695 = 3^{1}\bullet 5^{1}\bullet 113^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-16}(\downarrow M2_{+16})^{1}} = (1) + \uparrow M6_{-28}(\downarrow m3_{+28})$

$1696 = 2^{5}\bullet 53^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{5} + \uparrow M6_{-26}(\downarrow m3_{+26})^{1}} = (1) + \uparrow M6_{-26}(\downarrow m3_{+26})$

$1697 = 1697^{1} = \mathbf{(1) + \uparrow M6_{-25}(\downarrow m3_{+25})}$

$1698 = 2^{1}\bullet 3^{1}\bullet 283^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M2_{-26}(\downarrow m7_{+26})^{1}} = (1) + \uparrow M6_{-24}(\downarrow m3_{+24})$

$1699 = 1699^{1} = \mathbf{(1) + \uparrow M6_{-23}(\downarrow m3_{+23})}$

$1700 = 2^{2}\bullet 5^{2}\bullet 17^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1}} = (1) + \uparrow M6_{-22}(\downarrow m3_{+22})$

$1701 = 3^{5}\bullet 7^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{5} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1}} = (1) + \uparrow M6_{-21}(\downarrow m3_{+21})$

$1702 = 2^{1}\bullet 23^{1}\bullet 37^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow m3_{-49}(\downarrow M6_{+49})^{1}} = (1) + \uparrow M6_{-20}(\downarrow m3_{+20})$

$1703 = 13^{1}\bullet 131^{1} = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow uni_{+40}(\downarrow 8ve_{-40})^{1}} = (1) + \uparrow M6_{-19}(\downarrow m3_{+19})$

$1704 = 2^{3}\bullet 3^{1}\bullet 71^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M2_{-20}(\downarrow m7_{+20})^{1}} = (1) + \uparrow M6_{-18}(\downarrow m3_{+18})$

$1705 = 5^{1}\bullet 11^{1}\bullet 31^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1}} = (1) + \uparrow M6_{-17}(\downarrow m3_{+17})$

$1706 = 2^{1}\bullet 853^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M6_{-16}(\downarrow m3_{+16})^{1}} = (1) + \uparrow M6_{-16}(\downarrow m3_{+16})$

$1707 = 3^{1}\bullet 569^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M2_{-17}(\downarrow m7_{+17})^{1}} = (1) + \uparrow M6_{-15}(\downarrow m3_{+15})$

$1708 = 2^{2}\bullet 7^{1}\bullet 61^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M7_{+17}(\downarrow m2_{-17})^{1}} = (1) + \uparrow M6_{-14}(\downarrow m3_{+14})$

$1709 = 1709^{1} = \mathbf{(1) + \uparrow M6_{-13}(\downarrow m3_{+13})}$

$1710 = 2^{1}\bullet 3^{2}\bullet 5^{1}\bullet 19^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1}} = (1) + \uparrow M6_{-12}(\downarrow m3_{+12})$

$1711 = 29^{1}\bullet 59^{1} = \mathbf{(1) + \uparrow m7_{+30}(\downarrow M2_{-30})^{1} + \uparrow M7_{-41}(\downarrow m2_{+41})^{1}} = (1) + \uparrow M6_{-11}(\downarrow m3_{+11})$

$1712 = 2^{4}\bullet 107^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow M6_{-10}(\downarrow m3_{+10})^{1}} = (1) + \uparrow M6_{-10}(\downarrow m3_{+10})$

$1713 = 3^{1}\bullet 571^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M2_{-11}(\downarrow m7_{+11})^{1}} = (1) + \uparrow M6_{-9}(\downarrow m3_{+9})$

$1714 = 2^{1}\bullet 857^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M6_{-8}(\downarrow m3_{+8})^{1}} = (1) + \uparrow M6_{-8}(\downarrow m3_{+8})$

$1715 = 5^{1}\bullet 7^{3} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{3}} = (1) + \uparrow M6_{-7}(\downarrow m3_{+7})$

$1716 = 2^{2}\bullet 3^{1}\bullet 11^{1}\bullet 13^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1}} = (1) + \uparrow M6_{-6}(\downarrow m3_{+6})$

$1717 = 17^{1}\bullet 101^{1} = \mathbf{(1) + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow m6_{-10}(\downarrow M3_{+10})^{1}} = (1) + \uparrow M6_{-5}(\downarrow m3_{+5})$

$1718 = 2^{1}\bullet 859^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M6_{-4}(\downarrow m3_{+4})^{1}} = (1) + \uparrow M6_{-4}(\downarrow m3_{+4})$

$1719 = 3^{2}\bullet 191^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow P5_{-7}(\downarrow P4_{+7})^{1}} = (1) + \uparrow M6_{-3}(\downarrow m3_{+3})$

$1720 = 2^3 \bullet 5^1 \bullet 43^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow P4_{+12}(\downarrow P5_{-12})^1} = (1) + \uparrow M6_{-2}(\downarrow m3_{+2})$

$1721 = 1721^1 = \mathbf{(1) + \uparrow M6_{-1}(\downarrow m3_{+1})}$

$1722 = 2^1 \bullet 3^1 \bullet 7^1 \bullet 41^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M3_{+29}(\downarrow m6_{-29})^1} = (1) + \uparrow M6_{+0}(\downarrow m3_{-0})$

$1723 = 1723^1 = \mathbf{(1) + \uparrow M6_{+1}(\downarrow m3_{-1})}$

$1724 = 2^2 \bullet 431^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M6_{+2}(\downarrow m3_{-2})^1} = (1) + \uparrow M6_{+2}(\downarrow m3_{-2})$

$1725 = 3^1 \bullet 5^2 \bullet 23^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow tt_{+28}(\downarrow tt_{-28})^1} = (1) + \uparrow M6_{+3}(\downarrow m3_{-3})$

$1726 = 2^1 \bullet 863^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M6_{+4}(\downarrow m3_{-4})^1} = (1) + \uparrow M6_{+4}(\downarrow m3_{-4})$

$1727 = 11^1 \bullet 157^1 = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow M3_{-46}(\downarrow m6_{+46})^1} = (1) + \uparrow M6_{+5}(\downarrow m3_{-5})$

$1728 = 2^6 \bullet 3^3 = \mathbf{(1) + \updownarrow 8ve(uni)^6 + \uparrow P5_{+2}(\downarrow P4_{-2})^3} = (1) + \uparrow M6_{+6}(\downarrow m3_{-6})$

$1729 = 7^1 \bullet 13^1 \bullet 19^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1} = (1) + \uparrow M6_{+7}(\downarrow m3_{-7})$

$1730 = 2^1 \bullet 5^1 \bullet 173^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow P4_{+22}(\downarrow P5_{-22})^1} = (1) + \uparrow M6_{+8}(\downarrow m3_{-8})$

$1731 = 3^1 \bullet 577^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M2_{+7}(\downarrow m7_{-7})^1} = (1) + \uparrow M6_{+9}(\downarrow m3_{-9})$

$1732 = 2^2 \bullet 433^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M6_{+10}(\downarrow m3_{-10})^1} = (1) + \uparrow M6_{+10}(\downarrow m3_{-10})$

$1733 = 1733^1 = \mathbf{(1) + \uparrow M6_{+11}(\downarrow m3_{-11})}$

$1734 = 2^1 \bullet 3^1 \bullet 17^2 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^2} = (1) + \uparrow M6_{+12}(\downarrow m3_{-12})$

$1735 = 5^1 \bullet 347^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow P4_{+27}(\downarrow P5_{-27})^1} = (1) + \uparrow M6_{+13}(\downarrow m3_{-13})$

$1736 = 2^3 \bullet 7^1 \bullet 31^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M7_{+45}(\downarrow m2_{-45})^1} = (1) + \uparrow M6_{+14}(\downarrow m3_{-14})$

$1737 = 3^2 \bullet 193^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow P5_{+11}(\downarrow P4_{-11})^1} = (1) + \uparrow M6_{+15}(\downarrow m3_{-15})$

$1738 = 2^1 \bullet 11^1 \bullet 79^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow M3_{-35}(\downarrow m6_{+35})^1} = (1) + \uparrow M6_{+16}(\downarrow m3_{-16})$

$1739 = 37^1 \bullet 47^1 = \mathbf{(1) + \uparrow m3_{-49}(\downarrow M6_{+49})^1 + \uparrow P5_{-34}(\downarrow P4_{+34})^1} = (1) + \uparrow M6_{+17}(\downarrow m3_{-17})$

$1740 = 2^2 \bullet 3^1 \bullet 5^1 \bullet 29^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1} = (1) + \uparrow M6_{+18}(\downarrow m3_{-18})$

$1741 = 1741^1 = \mathbf{(1) + \uparrow M6_{+19}(\downarrow m3_{-19})}$

$1742 = 2^1 \bullet 13^1 \bullet 67^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow m2_{-21}(\downarrow M7_{+21})^1} = (1) + \uparrow M6_{+20}(\downarrow m3_{-20})$

$1743 = 3^1 \bullet 7^1 \bullet 83^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow P4_{-50}(\downarrow P5_{+50})^1} = (1) + \uparrow M6_{+21}(\downarrow m3_{-21})$

$1744 = 2^4 \bullet 109^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow M6_{+22}(\downarrow m3_{-22})^1} = (1) + \uparrow M6_{+22}(\downarrow m3_{-22})$

$1745 = 5^1 \bullet 349^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow P4_{+36}(\downarrow P5_{-36})^1} = (1) + \uparrow M6_{+23}(\downarrow m3_{-23})$

$1746 = 2^1 \bullet 3^2 \bullet 97^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow P5_{+20}(\downarrow P4_{-20})^1} = (1) + \uparrow M6_{+24}(\downarrow m3_{-24})$

$1747 = 1747^1 = \mathbf{(1) + \uparrow M6_{+25}(\downarrow m3_{-25})}$

$1748 = 2^2 \bullet 19^1 \bullet 23^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1} = (1) + \uparrow M6_{+26}(\downarrow m3_{-26})$

$1749 = 3^1 \bullet 11^1 \bullet 53^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow M6_{-26}(\downarrow m3_{+26})^1} = (1) + \uparrow M6_{+27}(\downarrow m3_{-27})$

$1750 = 2^1 \bullet 5^3 \bullet 7^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^3 + \uparrow m7_{-31}(\downarrow M2_{+31})^1} = (1) + \uparrow M6_{+28}(\downarrow m3_{-28})$

$1751 = 17^1 \bullet 103^1 = \mathbf{(1) + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow m6_{+24}(\downarrow M3_{-24})^1} = (1) + \uparrow M6_{+29}(\downarrow m3_{-29})$

$1752 = 2^3 \bullet 3^1 \bullet 73^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M2_{+28}(\downarrow m7_{-28})^1} = (1) + \uparrow M6_{+30}(\downarrow m3_{-30})$

$1753 = 1753^1 = \mathbf{(1) + \uparrow M6_{+31}(\downarrow m3_{-31})}$

$1754 = 2^1 \bullet 877^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M6_{+32}(\downarrow m3_{-32})^1} = (1) + \uparrow M6_{+32}(\downarrow m3_{-32})$

$1755 = 3^3 \bullet 5^1 \bullet 13^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1} = (1) + \uparrow M6_{+33}(\downarrow m3_{-33})$

$1756 = 2^2 \bullet 439^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M6_{+34}(\downarrow m3_{-34})^1} = (1) + \uparrow M6_{+34}(\downarrow m3_{-34})$

$1757 = 7^1 \bullet 251^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow 8ve_{-34}(\downarrow uni_{+34})^1} = (1) + \uparrow M6_{+35}(\downarrow m3_{-35})$

$1758 = 2^1 \bullet 3^1 \bullet 293^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M2_{+34}(\downarrow m7_{-34})^1} = (1) + \uparrow M6_{+36}(\downarrow m3_{-36})$

$1759 = 1759^1 = \mathbf{(1) + \uparrow M6_{+37}(\downarrow m3_{-37})}$

$1760 = 2^5 \bullet 5^1 \bullet 11^1 = \mathbf{(1) + \updownarrow 8ve(uni)^5 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1} = (1) + \uparrow M6_{+38}(\downarrow m3_{-38})$

$1761 = 3^1 \bullet 587^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M2_{+37}(\downarrow m7_{-37})^1} = (1) + \uparrow M6_{+39}(\downarrow m3_{-39})$

$1762 = 2^{1}\bullet 881^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M6_{+40}(\downarrow m3_{-40})^{1}} = (1) + \uparrow M6_{+40}(\downarrow m3_{-40})$

$1763 = 41^{1}\bullet 43^{1} = \mathbf{(1) + \uparrow M3_{+29}(\downarrow m6_{-29})^{1} + \uparrow P4_{+12}(\downarrow P5_{-12})^{1}} = (1) + \uparrow M6_{+41}(\downarrow m3_{-41})$

$1764 = 2^{2}\bullet 3^{2}\bullet 7^{2} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{2}} = (1) + \uparrow M6_{+42}(\downarrow m3_{-42})$

$1765 = 5^{1}\bullet 353^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{-44}(\downarrow tt_{+44})^{1}} = (1) + \uparrow M6_{+43}(\downarrow m3_{-43})$

$1766 = 2^{1}\bullet 883^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M6_{+44}(\downarrow m3_{-44})^{1}} = (1) + \uparrow M6_{+44}(\downarrow m3_{-44})$

$1767 = 3^{1}\bullet 19^{1}\bullet 31^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1}} = (1) + \uparrow M6_{+45}(\downarrow m3_{-45})$

$1768 = 2^{3}\bullet 13^{1}\bullet 17^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1}} = (1) + \uparrow M6_{+45}(\downarrow m3_{-45})$

$1769 = 29^{1}\bullet 61^{1} = \mathbf{(1) + \uparrow m7_{+30}(\downarrow M2_{-30})^{1} + \uparrow M7_{+17}(\downarrow m2_{-17})^{1}} = (1) + \uparrow M6_{+46}(\downarrow m3_{-46})$

$1770 = 2^{1}\bullet 3^{1}\bullet 5^{1}\bullet 59^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M7_{-41}(\downarrow m2_{+41})^{1}} = (1) + \uparrow M6_{+47}(\downarrow m3_{-47})$

$1771 = 7^{1}\bullet 11^{1}\bullet 23^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1}} = (1) + \uparrow M6_{+48}(\downarrow m3_{-48})$

$1772 = 2^{2}\bullet 443^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M6_{+49}(\downarrow m3_{-49})^{1}} = (1) + \uparrow M6_{+49}(\downarrow m3_{-49})$

$1773 = 3^{2}\bullet 197^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow P5_{+46}(\downarrow P4_{-46})^{1}} = (1) + \uparrow m7_{-50}(\downarrow M2_{+50})$

$1774 = 2^{1}\bullet 887^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-49}(\downarrow M2_{+49})^{1}} = (1) + \uparrow m7_{-49}(\downarrow M2_{+49})$

$1775 = 5^{2}\bullet 71^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow M2_{-20}(\downarrow m7_{+20})^{1}} = (1) + \uparrow m7_{-48}(\downarrow M2_{+48})$

$1776 = 2^{4}\bullet 3^{1}\bullet 37^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m3_{-49}(\downarrow M6_{+49})^{1}} = (1) + \uparrow m7_{-47}(\downarrow M2_{+47})$

$1777 = 1777^{1} = \mathbf{(1) + \uparrow m7_{-46}(\downarrow M2_{+46})}$

$1778 = 2^{1}\bullet 7^{1}\bullet 127^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow 8ve_{-14}(\downarrow uni_{+14})^{1}} = (1) + \uparrow m7_{-45}(\downarrow M2_{+45})$

$1779 = 3^{1}\bullet 593^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m3_{-46}(\downarrow M6_{+46})^{1}} = (1) + \uparrow m7_{-44}(\downarrow M2_{+44})$

$1780 = 2^{2}\bullet 5^{1}\bullet 89^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{-29}(\downarrow tt_{+29})^{1}} = (1) + \uparrow m7_{-43}(\downarrow M2_{+43})$

$1781 = 13^{1}\bullet 137^{1} = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m2_{+18}(\downarrow M7_{-18})^{1}} = (1) + \uparrow m7_{-42}(\downarrow M2_{+42})$

$1782 = 2^{1}\bullet 3^{4}\bullet 11^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{4} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1}} = (1) + \uparrow m7_{-41}(\downarrow M2_{+41})$

$1783 = 1783^{1} = \mathbf{(1) + \uparrow m7_{-40}(\downarrow M2_{+40})}$

$1784 = 2^{3}\bullet 223^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow m7_{-39}(\downarrow M2_{+39})^{1}} = (1) + \uparrow m7_{-39}(\downarrow M2_{+39})$

$1785 = 3^{1}\bullet 5^{1}\bullet 7^{1}\bullet 17^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1}} = (1) + \uparrow m7_{-38}(\downarrow M2_{+38})$

$1786 = 2^{1}\bullet 19^{1}\bullet 47^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow P5_{-34}(\downarrow P4_{+34})^{1}} = (1) + \uparrow m7_{-37}(\downarrow M2_{+37})$

$1787 = 1787^{1} = \mathbf{(1) + \uparrow m7_{-36}(\downarrow M2_{+36})}$

$1788 = 2^{2}\bullet 3^{1}\bullet 149^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m3_{-37}(\downarrow M6_{+37})^{1}} = (1) + \uparrow m7_{-35}(\downarrow M2_{+35})$

$1789 = 1789^{1} = \mathbf{(1) + \uparrow m7_{-34}(\downarrow M2_{+34})}$

$1790 = 2^{1}\bullet 5^{1}\bullet 179^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{-19}(\downarrow tt_{+19})^{1}} = (1) + \uparrow m7_{-33}(\downarrow M2_{+33})$

$1791 = 3^{2}\bullet 199^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m6_{-36}(\downarrow M3_{+36})^{1}} = (1) + \uparrow m7_{-32}(\downarrow M2_{+32})$

$1792 = 2^{8}\bullet 7^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{8} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1}} = (1) + \uparrow m7_{-31}(\downarrow M2_{+31})$

$1793 = 11^{1}\bullet 163^{1} = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow M3_{+18}(\downarrow m6_{-18})^{1}} = (1) + \uparrow m7_{-30}(\downarrow M2_{+30})$

$1794 = 2^{1}\bullet 3^{1}\bullet 13^{1}\bullet 23^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1}} = (1) + \uparrow m7_{-29}(\downarrow M2_{+29})$

$1795 = 5^{1}\bullet 359^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{-15}(\downarrow tt_{+15})^{1}} = (1) + \uparrow m7_{-28}(\downarrow M2_{+28})$

$1796 = 2^{2}\bullet 449^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m7_{-27}(\downarrow M2_{+27})^{1}} = (1) + \uparrow m7_{-27}(\downarrow M2_{+27})$

$1797 = 3^{1}\bullet 599^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m3_{-28}(\downarrow M6_{+28})^{1}} = (1) + \uparrow m7_{-26}(\downarrow M2_{+26})$

$1798 = 2^{1}\bullet 29^{1}\bullet 31^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1}} = (1) + \uparrow m7_{-25}(\downarrow M2_{+25})$

$1799 = 7^{1}\bullet 257^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow uni_{+7}(\downarrow 8ve_{-7})^{1}} = (1) + \uparrow m7_{-24}(\downarrow M2_{+24})$

$1800 = 2^{3}\bullet 3^{2}\bullet 5^{2} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{2}} = (1) + \uparrow m7_{-23}(\downarrow M2_{+23})$

$1801 = 1801^{1} = \mathbf{(1) + \uparrow m7_{-23}(\downarrow M2_{+23})}$

$18021802 = 1802^{1} = \mathbf{(1) + \uparrow m7_{-22}(\downarrow M2_{+22})}$

$1803 = 3^{1}\bullet 601^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m3_{-23}(\downarrow M6_{+23})^{1}} = (1) + \uparrow m7_{-21}(\downarrow M2_{+21})$

$1804 = 2^2 \bullet 11^1 \bullet 41^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow M3_{+29}(\downarrow m6_{-29})^1} = (1) + \uparrow m7_{-20}(\downarrow M2_{+20})$

$1805 = 5^1 \bullet 19^2 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^2} = (1) + \uparrow m7_{-19}(\downarrow M2_{+19})$

$1806 = 2^1 \bullet 3^1 \bullet 7^1 \bullet 43^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow P4_{+12}(\downarrow P5_{-12})^1} = (1) + \uparrow m7_{-18}(\downarrow M2_{+18})$

$1807 = 13^1 \bullet 139^1 = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow m2_{+43}(\downarrow M7_{-43})^1} = (1) + \uparrow m7_{-17}(\downarrow M2_{+17})$

$1808 = 2^4 \bullet 113^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow m7_{-16}(\downarrow M2_{+16})^1} = (1) + \uparrow m7_{-16}(\downarrow M2_{+16})$

$1809 = 3^3 \bullet 67^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow m2_{-21}(\downarrow M7_{+21})^1} = (1) + \uparrow m7_{-15}(\downarrow M2_{+15})$

$1810 = 2^1 \bullet 5^1 \bullet 181^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{+0}(\downarrow tt_{-0})^1} = (1) + \uparrow m7_{-14}(\downarrow M2_{+14})$

$1811 = 1811^1 = \mathbf{(1) + \uparrow m7_{-13}(\downarrow M2_{+13})}$

$1812 = 2^2 \bullet 3^1 \bullet 151^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m3_{-14}(\downarrow M6_{+14})^1} = (1) + \uparrow m7_{-12}(\downarrow M2_{+12})$

$1813 = 7^2 \bullet 37^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^2 + \uparrow m3_{-49}(\downarrow M6_{+49})^1} = (1) + \uparrow m7_{-11}(\downarrow M2_{+11})$

$1814 = 2^1 \bullet 907^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-10}(\downarrow M2_{+10})^1} = (1) + \uparrow m7_{-10}(\downarrow M2_{+10})$

$1815 = 3^1 \bullet 5^1 \bullet 11^2 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^2} = (1) + \uparrow m7_{-9}(\downarrow M2_{+9})$

$1816 = 2^3 \bullet 227^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow m7_{-8}(\downarrow M2_{+8})^1} = (1) + \uparrow m7_{-8}(\downarrow M2_{+8})$

$1817 = 23^1 \bullet 79^1 = \mathbf{(1) + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow M3_{-35}(\downarrow m6_{+35})^1} = (1) + \uparrow m7_{-7}(\downarrow M2_{+7})$

$1818 = 2^1 \bullet 3^2 \bullet 101^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m6_{-10}(\downarrow M3_{+10})^1} = (1) + \uparrow m7_{-6}(\downarrow M2_{+6})$

$1819 = 17^1 \bullet 107^1 = \mathbf{(1) + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow M6_{-10}(\downarrow m3_{+10})^1} = (1) + \uparrow m7_{-5}(\downarrow M2_{+5})$

$1820 = 2^2 \bullet 5^1 \bullet 7^1 \bullet 13^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1} = (1) + \uparrow m7_{-4}(\downarrow M2_{+4})$

$1821 = 3^1 \bullet 607^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m3_{-5}(\downarrow M6_{+5})^1} = (1) + \uparrow m7_{-3}(\downarrow M2_{+3})$

$1822 = 2^1 \bullet 911^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-2}(\downarrow M2_{+2})^1} = (1) + \uparrow m7_{-2}(\downarrow M2_{+2})$

$1823 = 1823^1 = \mathbf{(1) + \uparrow m7_{-1}(\downarrow M2_{+1})}$

$1824 = 2^5 \bullet 3^1 \bullet 19^1 = \mathbf{(1) + \updownarrow 8ve(uni)^5 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1} = (1) + \uparrow m7_{-1}(\downarrow M2_{+1})$

$1825 = 5^2 \bullet 73^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow M2_{+28}(\downarrow m7_{-28})^1} = (1) + \uparrow m7_{+0}(\downarrow M2_{-0})$

$1826 = 2^1 \bullet 11^1 \bullet 83^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow P4_{-50}(\downarrow P5_{+50})^1} = (1) + \uparrow m7_{+1}(\downarrow M2_{-1})$

$1827 = 3^2 \bullet 7^1 \bullet 29^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1} = (1) + \uparrow m7_{+2}(\downarrow M2_{-2})$

$1828 = 2^2 \bullet 457^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m7_{+3}(\downarrow M2_{-3})^1} = (1) + \uparrow m7_{+3}(\downarrow M2_{-3})$

$1829 = 31^1 \bullet 59^1 = \mathbf{(1) + \uparrow M7_{+45}(\downarrow m2_{-45})^1 + \uparrow M7_{-41}(\downarrow m2_{+41})^1} = (1) + \uparrow m7_{+4}(\downarrow M2_{-4})$

$1830 = 2^1 \bullet 3^1 \bullet 5^1 \bullet 61^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M7_{+17}(\downarrow m2_{-17})^1} = (1) + \uparrow m7_{+5}(\downarrow M2_{-5})$

$1831 = 1831^1 = \mathbf{(1) + \uparrow m7_{+6}(\downarrow M2_{-6})}$

$1832 = 2^3 \bullet 229^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow m7_{+7}(\downarrow M2_{-7})^1} = (1) + \uparrow m7_{+7}(\downarrow M2_{-7})$

$1833 = 3^1 \bullet 13^1 \bullet 47^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow P5_{-34}(\downarrow P4_{+34})^1} = (1) + \uparrow m7_{+8}(\downarrow M2_{-8})$

$1834 = 2^1 \bullet 7^1 \bullet 131^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow uni_{+40}(\downarrow 8ve_{-40})^1} = (1) + \uparrow m7_{+9}(\downarrow M2_{-9})$

$1835 = 5^1 \bullet 367^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{+24}(\downarrow tt_{-24})^1} = (1) + \uparrow m7_{+10}(\downarrow M2_{-10})$

$1836 = 2^2 \bullet 3^3 \bullet 17^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow m2_{+5}(\downarrow M7_{-5})^1} = (1) + \uparrow m7_{+11}(\downarrow M2_{-11})$

$1837 = 11^1 \bullet 167^1 = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow P4_{-40}(\downarrow P5_{+40})^1} = (1) + \uparrow m7_{+12}(\downarrow M2_{-12})$

$1838 = 2^1 \bullet 919^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{+13}(\downarrow M2_{-13})^1} = (1) + \uparrow m7_{+13}(\downarrow M2_{-13})$

$1839 = 3^1 \bullet 613^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m3_{+12}(\downarrow M6_{-12})^1} = (1) + \uparrow m7_{+14}(\downarrow M2_{-14})$

$1840 = 2^4 \bullet 5^1 \bullet 23^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1} = (1) + \uparrow m7_{+15}(\downarrow M2_{-15})$

$1841 = 7^1 \bullet 263^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow uni_{+47}(\downarrow 8ve_{-47})^1} = (1) + \uparrow m7_{+16}(\downarrow M2_{-16})$

$1842 = 2^1 \bullet 3^1 \bullet 307^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m3_{+15}(\downarrow M6_{-15})^1} = (1) + \uparrow m7_{+16}(\downarrow M2_{-16})$

$1843 = 19^1 \bullet 97^1 = \mathbf{(1) + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow P5_{+20}(\downarrow P4_{-20})^1} = (1) + \uparrow m7_{+17}(\downarrow M2_{-17})$

$1844 = 2^2 \bullet 461^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m7_{+18}(\downarrow M2_{-18})^1} = (1) + \uparrow m7_{+18}(\downarrow M2_{-18})$

$1845 = 3^2 \bullet 5^1 \bullet 41^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M3_{+29}(\downarrow m6_{-29})^1} = (1) + \uparrow m7_{+19}(\downarrow M2_{-19})$

$1846 = 2^1 \bullet 13^1 \bullet 71^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow M2_{-20}(\downarrow m7_{+20})^1} = (1) + \uparrow m7_{+20}(\downarrow M2_{-20})$

$1847 = 1847^1 = \mathbf{(1) + \uparrow m7_{+21}(\downarrow M2_{-21})}$

$1848 = 2^3 \bullet 3^1 \bullet 7^1 \bullet 11^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1} = (1) + \uparrow m7_{+22}(\downarrow M2_{-22})$

$1849 = 43^2 = \mathbf{(1) + \uparrow P4_{+12}(\downarrow P5_{-12})^2} = (1) + \uparrow m7_{+23}(\downarrow M2_{-23})$

$1850 = 2^1 \bullet 5^2 \bullet 37^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow m3_{-49}(\downarrow M6_{+49})^1} = (1) + \uparrow m7_{+24}(\downarrow M2_{-24})$

$1851 = 3^1 \bullet 617^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m3_{+23}(\downarrow M6_{-23})^1} = (1) + \uparrow m7_{+25}(\downarrow M2_{-25})$

$1852 = 2^2 \bullet 463^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m7_{+26}(\downarrow M2_{-26})^1} = (1) + \uparrow m7_{+26}(\downarrow M2_{-26})$

$1853 = 17^1 \bullet 109^1 = \mathbf{(1) + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow M6_{+22}(\downarrow m3_{-22})^1} = (1) + \uparrow m7_{+27}(\downarrow M2_{-27})$

$1854 = 2^1 \bullet 3^2 \bullet 103^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m6_{+24}(\downarrow M3_{-24})^1} = (1) + \uparrow m7_{+28}(\downarrow M2_{-28})$

$1855 = 5^1 \bullet 7^1 \bullet 53^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M6_{-26}(\downarrow m3_{+26})^1} = (1) + \uparrow m7_{+29}(\downarrow M2_{-29})$

$1856 = 2^6 \bullet 29^1 = \mathbf{(1) + \updownarrow 8ve(uni)^6 + \uparrow m7_{+30}(\downarrow M2_{-30})^1} = (1) + \uparrow m7_{+30}(\downarrow M2_{-30})$

$1857 = 3^1 \bullet 619^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m3_{+29}(\downarrow M6_{-29})^1} = (1) + \uparrow m7_{+31}(\downarrow M2_{-31})$

$1858 = 2^1 \bullet 929^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{+31}(\downarrow M2_{-31})^1} = (1) + \uparrow m7_{+31}(\downarrow M2_{-31})$

$1859 = 11^1 \bullet 13^2 = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^2} = (1) + \uparrow m7_{+32}(\downarrow M2_{-32})$

$1860 = 2^2 \bullet 3^1 \bullet 5^1 \bullet 31^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M7_{+45}(\downarrow m2_{-45})^1} = (1) + \uparrow m7_{+33}(\downarrow M2_{-33})$

$1861 = 1861^1 = \mathbf{(1) + \uparrow m7_{+34}(\downarrow M2_{-34})}$

$1862 = 2^1 \bullet 7^2 \bullet 19^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^2 + \uparrow m3_{-2}(\downarrow M6_{+2})^1} = (1) + \uparrow m7_{+35}(\downarrow M2_{-35})$

$1863 = 3^4 \bullet 23^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^4 + \uparrow tt_{+28}(\downarrow tt_{-28})^1} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1864 = 2^3 \bullet 233^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow m7_{+37}(\downarrow M2_{-37})^1} = (1) + \uparrow m7_{+37}(\downarrow M2_{-37})$

$1865 = 5^1 \bullet 373^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow P5_{-48}(\downarrow P4_{+48})^1} = (1) + \uparrow m7_{+38}(\downarrow M2_{-38})$

$1866 = 2^1 \bullet 3^1 \bullet 311^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m3_{+37}(\downarrow M6_{-37})^1} = (1) + \uparrow m7_{+39}(\downarrow M2_{-39})$

$1867 = 1867^1 = \mathbf{(1) + \uparrow m7_{+40}(\downarrow M2_{-40})}$

$1868 = 2^2 \bullet 467^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m7_{+41}(\downarrow M2_{-41})^1} = (1) + \uparrow m7_{+41}(\downarrow M2_{-41})$

$1869 = 3^1 \bullet 7^1 \bullet 89^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow tt_{-29}(\downarrow tt_{+29})^1} = (1) + \uparrow m7_{+42}(\downarrow M2_{-42})$

$1870 = 2^1 \bullet 5^1 \bullet 11^1 \bullet 17^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1} = (1) + \uparrow m7_{+43}(\downarrow M2_{-43})$

$1871 = 1871^1 = \mathbf{(1) + \uparrow m7_{+44}(\downarrow M2_{-44})}$

$1872 = 2^4 \bullet 3^2 \bullet 13^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m6_{+41}(\downarrow M3_{-41})^1} = (1) + \uparrow m7_{+44}(\downarrow M2_{-44})$

$1873 = 1873^1 = \mathbf{(1) + \uparrow m7_{+45}(\downarrow M2_{-45})}$

$1874 = 2^1 \bullet 937^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{+46}(\downarrow M2_{-46})^1} = (1) + \uparrow m7_{+46}(\downarrow M2_{-46})$

$1875 = 3^1 \bullet 5^4 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^4} = (1) + \uparrow m7_{+47}(\downarrow M2_{-47})$

$1876 = 2^2 \bullet 7^1 \bullet 67^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m2_{-21}(\downarrow M7_{+21})^1} = (1) + \uparrow m7_{+48}(\downarrow M2_{-48})$

$1877 = 1877^1 = \mathbf{(1) + \uparrow m7_{+49}(\downarrow M2_{-49})}$

$1878 = 2^1 \bullet 3^1 \bullet 313^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m3_{+48}(\downarrow M6_{-48})^1} = (1) + \uparrow m7_{+50}(\downarrow M2_{-50})$

$1879 = 1879^1 = \mathbf{(1) + \uparrow M7_{-49}(\downarrow m2_{+49})}$

$1880 = 2^3 \bullet 5^1 \bullet 47^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow P5_{-34}(\downarrow P4_{+34})^1} = (1) + \uparrow M7_{-48}(\downarrow m2_{+48})$

$1881 = 3^2 \bullet 11^1 \bullet 19^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1} = (1) + \uparrow M7_{-47}(\downarrow m2_{+47})$

$1882 = 2^1 \bullet 941^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M7_{-46}(\downarrow m2_{+46})^1} = (1) + \uparrow M7_{-46}(\downarrow m2_{+46})$

$1883 = 7^1 \bullet 269^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m2_{-14}(\downarrow M7_{+14})^1} = (1) + \uparrow M7_{-45}(\downarrow m2_{+45})$

$1884 = 2^2 \bullet 3^1 \bullet 157^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-46}(\downarrow m6_{+46})^1} = (1) + \uparrow M7_{-45}(\downarrow m2_{+45})$

$1885 = 5^1 \bullet 13^1 \bullet 29^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1} = (1) + \uparrow M7_{-44}(\downarrow m2_{+44})$

$1886 = 2^1 \bullet 23^1 \bullet 41^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow M3_{+29}(\downarrow m6_{-29})^1} = (1) + \uparrow M7_{-43}(\downarrow m2_{+43})$

$1887 = 3^1 \bullet 17^1 \bullet 37^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow m3_{-49}(\downarrow M6_{+49})^1} = (1) + \uparrow M7_{-42}(\downarrow m2_{+42})$

$1888 = 2^5 \bullet 59^1 = \mathbf{(1) + \updownarrow 8ve(uni)^5 + \uparrow M7_{-41}(\downarrow m2_{+41})^1} = (1) + \uparrow M7_{-41}(\downarrow m2_{+41})$

$1889 = 1889^1 = \mathbf{(1) + \uparrow M7_{-40}(\downarrow m2_{+40})}$

$1890 = 2^1 \bullet 3^3 \bullet 5^1 \bullet 7^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1} = (1) + \uparrow M7_{-39}(\downarrow m2_{+39})$

$1891 = 31^1 \bullet 61^1 = \mathbf{(1) + \uparrow M7_{+45}(\downarrow m2_{-45})^1 + \uparrow M7_{+17}(\downarrow m2_{-17})^1} = (1) + \uparrow M7_{-38}(\downarrow m2_{+38})$

$1892 = 2^2 \bullet 11^1 \bullet 43^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow P4_{+12}(\downarrow P5_{-12})^1} = (1) + \uparrow M7_{-37}(\downarrow m2_{+37})$

$1893 = 3^1 \bullet 631^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-38}(\downarrow m6_{+38})^1} = (1) + \uparrow M7_{-36}(\downarrow m2_{+36})$

$1894 = 2^1 \bullet 947^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M7_{-35}(\downarrow m2_{+35})^1} = (1) + \uparrow M7_{-35}(\downarrow m2_{+35})$

$1895 = 5^1 \bullet 379^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow P5_{-21}(\downarrow P4_{+21})^1} = (1) + \uparrow M7_{-34}(\downarrow m2_{+34})$

$1896 = 2^3 \bullet 3^1 \bullet 79^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-35}(\downarrow m6_{+35})^1} = (1) + \uparrow M7_{-34}(\downarrow m2_{+34})$

$1897 = 7^1 \bullet 271^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m2_{-1}(\downarrow M7_{+1})^1} = (1) + \uparrow M7_{-33}(\downarrow m2_{+33})$

$1898 = 2^1 \bullet 13^1 \bullet 73^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow M2_{+28}(\downarrow m7_{-28})^1} = (1) + \uparrow M7_{-32}(\downarrow m2_{+32})$

$1899 = 3^2 \bullet 211^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M6_{-35}(\downarrow m3_{+35})^1} = (1) + \uparrow M7_{-31}(\downarrow m2_{+31})$

$1900 = 2^2 \bullet 5^2 \bullet 19^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow m3_{-2}(\downarrow M6_{+2})^1} = (1) + \uparrow M7_{-30}(\downarrow m2_{+30})$

$1901 = 1901^1 = \mathbf{(1) + \uparrow M7_{-29}(\downarrow m2_{+29})}$

$1902 = 2^1 \bullet 3^1 \bullet 317^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-30}(\downarrow m6_{+30})^1} = (1) + \uparrow M7_{-28}(\downarrow m2_{+28})$

$1903 = 11^1 \bullet 173^1 = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow P4_{+22}(\downarrow P5_{-22})^1} = (1) + \uparrow M7_{-27}(\downarrow m2_{+27})$

$1904 = 2^4 \bullet 7^1 \bullet 17^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1} = (1) + \uparrow M7_{-26}(\downarrow m2_{+26})$

$1905 = 3^1 \bullet 5^1 \bullet 127^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow 8ve_{-14}(\downarrow uni_{+14})^1} = (1) + \uparrow M7_{-25}(\downarrow m2_{+25})$

$1906 = 2^1 \bullet 953^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M7_{-24}(\downarrow m2_{+24})^1} = (1) + \uparrow M7_{-24}(\downarrow m2_{+24})$

$1907 = 1907^1 = \mathbf{(1) + \uparrow M7_{-23}(\downarrow m2_{+23})}$

$1908 = 2^2 \bullet 3^2 \bullet 53^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M6_{-26}(\downarrow m3_{+26})^1} = (1) + \uparrow M7_{-23}(\downarrow m2_{+23})$

$1909 = 23^1 \bullet 83^1 = \mathbf{(1) + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow P4_{-50}(\downarrow P5_{+50})^1} = (1) + \uparrow M7_{-22}(\downarrow m2_{+22})$

$1910 = 2^1 \bullet 5^1 \bullet 191^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow P5_{-7}(\downarrow P4_{+7})^1} = (1) + \uparrow M7_{-21}(\downarrow m2_{+21})$

$1911 = 3^1 \bullet 7^2 \bullet 13^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^2 + \uparrow m6_{+41}(\downarrow M3_{-41})^1} = (1) + \uparrow M7_{-20}(\downarrow m2_{+20})$

$1912 = 2^3 \bullet 239^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow M7_{-19}(\downarrow m2_{+19})^1} = (1) + \uparrow M7_{-19}(\downarrow m2_{+19})$

$1913 = 1913^1 = \mathbf{(1) + \uparrow M7_{-18}(\downarrow m2_{+18})}$

$1914 = 2^1 \bullet 3^1 \bullet 11^1 \bullet 29^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1} = (1) + \uparrow M7_{-17}(\downarrow m2_{+17})$

$1915 = 5^1 \bullet 383^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow P5_{-3}(\downarrow P4_{+3})^1} = (1) + \uparrow M7_{-16}(\downarrow m2_{+16})$

$1916 = 2^2 \bullet 479^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M7_{-15}(\downarrow m2_{+15})^1} = (1) + \uparrow M7_{-15}(\downarrow m2_{+15})$

$1917 = 3^3 \bullet 71^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow M2_{-20}(\downarrow m7_{+20})^1} = (1) + \uparrow M7_{-14}(\downarrow m2_{+14})$

$1918 = 2^1 \bullet 7^1 \bullet 137^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m2_{+18}(\downarrow M7_{-18})^1} = (1) + \uparrow M7_{-14}(\downarrow m2_{+14})$

$1919 = 19^1 \bullet 101^1 = \mathbf{(1) + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow m6_{-10}(\downarrow M3_{+10})^1} = (1) + \uparrow M7_{-13}(\downarrow m2_{+13})$

$1920 = 2^7 \bullet 3^1 \bullet 5^1 = \mathbf{(1) + \updownarrow 8ve(uni)^7 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1} = (1) + \uparrow M7_{-12}(\downarrow m2_{+12})$

$1921 = 17^1 \bullet 113^1 = \mathbf{(1) + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow m7_{-16}(\downarrow M2_{+16})^1} = (1) + \uparrow M7_{-11}(\downarrow m2_{+11})$

$1922 = 2^1 \bullet 31^2 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M7_{+45}(\downarrow m2_{-45})^2} = (1) + \uparrow M7_{-10}(\downarrow m2_{+10})$

$1923 = 3^1 \bullet 641^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-11}(\downarrow m6_{+11})^1} = (1) + \uparrow M7_{-9}(\downarrow m2_{+9})$

$1924 = 2^2 \bullet 13^1 \bullet 37^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow m3_{-49}(\downarrow M6_{+49})^1} = (1) + \uparrow M7_{-8}(\downarrow m2_{+8})$

$1925 = 5^2 \bullet 7^1 \bullet 11^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1} = (1) + \uparrow M7_{-7}(\downarrow m2_{+7})$

$1926 = 2^1 \bullet 3^2 \bullet 107^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M6_{-10}(\downarrow m3_{+10})^1} = (1) + \uparrow M7_{-6}(\downarrow m2_{+6})$

$1927 = 41^1 \bullet 47^1 = \mathbf{(1) + \uparrow M3_{+29}(\downarrow m6_{-29})^1 + \uparrow P5_{-34}(\downarrow P4_{+34})^1} = (1) + \uparrow M7_{-5}(\downarrow m2_{+5})$

$1928 = 2^3 \bullet 241^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow M7_{-5}(\downarrow m2_{+5})^1} = (1) + \uparrow M7_{-5}(\downarrow m2_{+5})$

$1929 = 3^1 \bullet 643^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-6}(\downarrow m6_{+6})^1} = (1) + \uparrow M7_{-4}(\downarrow m2_{+4})$

$1930 = 2^{1}\bullet5^{1}\bullet193^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow P5_{+11}(\downarrow P4_{-11})^{1}} = (1) + \uparrow M7_{-3}(\downarrow m2_{+3})$

$1931 = 1931^{1} = \mathbf{(1) + \uparrow M7_{-2}(\downarrow m2_{+2})}$

$1932 = 2^{2}\bullet3^{1}\bullet7^{1}\bullet23^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1}} = (1) + \uparrow M7_{-1}(\downarrow m2_{+1})$

$1933 = 1933^{1} = \mathbf{(1) + \uparrow M7_{+0}(\downarrow m2_{-0})}$

$1934 = 2^{1}\bullet967^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M7_{+1}(\downarrow m2_{-1})^{1}} = (1) + \uparrow M7_{+1}(\downarrow m2_{-1})$

$1935 = 3^{2}\bullet5^{1}\bullet43^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow P4_{+12}(\downarrow P5_{-12})^{1}} = (1) + \uparrow M7_{+2}(\downarrow m2_{-2})$

$1936 = 2^{4}\bullet11^{2} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow tt_{-49}(\downarrow tt_{+49})^{2}} = (1) + \uparrow M7_{+3}(\downarrow m2_{-3})$

$1937 = 13^{1}\bullet149^{1} = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m3_{-37}(\downarrow M6_{+37})^{1}} = (1) + \uparrow M7_{+4}(\downarrow m2_{-4})$

$1938 = 2^{1}\bullet3^{1}\bullet17^{1}\bullet19^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1}} = (1) + \uparrow M7_{+4}(\downarrow m2_{-4})$

$1939 = 7^{1}\bullet277^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m2_{+36}(\downarrow M7_{-36})^{1}} = (1) + \uparrow M7_{+5}(\downarrow m2_{-5})$

$1940 = 2^{2}\bullet5^{1}\bullet97^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow P5_{+20}(\downarrow P4_{-20})^{1}} = (1) + \uparrow M7_{+6}(\downarrow m2_{-6})$

$1941 = 3^{1}\bullet647^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{+5}(\downarrow m6_{-5})^{1}} = (1) + \uparrow M7_{+7}(\downarrow m2_{-7})$

$1942 = 2^{1}\bullet971^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M7_{+8}(\downarrow m2_{-8})^{1}} = (1) + \uparrow M7_{+8}(\downarrow m2_{-8})$

$1943 = 29^{1}\bullet67^{1} = \mathbf{(1) + \uparrow m7_{+30}(\downarrow M2_{-30})^{1} + \uparrow m2_{-21}(\downarrow M7_{+21})^{1}} = (1) + \uparrow M7_{+9}(\downarrow m2_{-9})$

$1944 = 2^{3}\bullet3^{5} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{+2}(\downarrow P4_{-2})^{5}} = (1) + \uparrow M7_{+10}(\downarrow m2_{-10})$

$1945 = 5^{1}\bullet389^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow P5_{+24}(\downarrow P4_{-24})^{1}} = (1) + \uparrow M7_{+11}(\downarrow m2_{-11})$

$1946 = 2^{1}\bullet7^{1}\bullet139^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m2_{+43}(\downarrow M7_{-43})^{1}} = (1) + \uparrow M7_{+12}(\downarrow m2_{-12})$

$1947 = 3^{1}\bullet11^{1}\bullet59^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow M7_{-41}(\downarrow m2_{+41})^{1}} = (1) + \uparrow M7_{+12}(\downarrow m2_{-12})$

$1948 = 2^{2}\bullet487^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M7_{+13}(\downarrow m2_{-13})^{1}} = (1) + \uparrow M7_{+13}(\downarrow m2_{-13})$

$1949 = 1949^{1} = \mathbf{(1) + \uparrow M7_{+14}(\downarrow m2_{-14})}$

$1950 = 2^{1}\bullet3^{1}\bullet5^{2}\bullet13^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1}} = (1) + \uparrow M7_{+15}(\downarrow m2_{-15})$

$1951 = 1951^{1} = \mathbf{(1) + \uparrow M7_{+16}(\downarrow m2_{-16})}$

$1952 = 2^{5}\bullet61^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{5} + \uparrow M7_{+17}(\downarrow m2_{-17})^{1}} = (1) + \uparrow M7_{+17}(\downarrow m2_{-17})$

$1953 = 3^{2}\bullet7^{1}\bullet31^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1}} = (1) + \uparrow M7_{+18}(\downarrow m2_{-18})$

$1954 = 2^{1}\bullet977^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M7_{+19}(\downarrow m2_{-19})^{1}} = (1) + \uparrow M7_{+19}(\downarrow m2_{-19})$

$1955 = 5^{1}\bullet17^{1}\bullet23^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1}} = (1) + \uparrow M7_{+20}(\downarrow m2_{-20})$

$1956 = 2^{2}\bullet3^{1}\bullet163^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{+18}(\downarrow m6_{-18})^{1}} = (1) + \uparrow M7_{+20}(\downarrow m2_{-20})$

$1957 = 19^{1}\bullet103^{1} = \mathbf{(1) + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow m6_{+24}(\downarrow M3_{-24})^{1}} = (1) + \uparrow M7_{+21}(\downarrow m2_{-21})$

$1958 = 2^{1}\bullet11^{1}\bullet89^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow tt_{-29}(\downarrow tt_{+29})^{1}} = (1) + \uparrow M7_{+22}(\downarrow m2_{-22})$

$1959 = 3^{1}\bullet653^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{+21}(\downarrow m6_{-21})^{1}} = (1) + \uparrow M7_{+23}(\downarrow m2_{-23})$

$1960 = 2^{3}\bullet5^{1}\bullet7^{2} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{2}} = (1) + \uparrow M7_{+24}(\downarrow m2_{-24})$

$1961 = 37^{1}\bullet53^{1} = \mathbf{(1) + \uparrow m3_{-49}(\downarrow M6_{+49})^{1} + \uparrow M6_{-26}(\downarrow m3_{+26})^{1}} = (1) + \uparrow M7_{+25}(\downarrow m2_{-25})$

$1962 = 2^{1}\bullet3^{2}\bullet109^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M6_{+22}(\downarrow m3_{-22})^{1}} = (1) + \uparrow M7_{+26}(\downarrow m2_{-26})$

$1963 = 13^{1}\bullet151^{1} = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m3_{-14}(\downarrow M6_{+14})^{1}} = (1) + \uparrow M7_{+27}(\downarrow m2_{-27})$

$1964 = 2^{2}\bullet491^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M7_{+27}(\downarrow m2_{-27})^{1}} = (1) + \uparrow M7_{+27}(\downarrow m2_{-27})$

$1965 = 3^{1}\bullet5^{1}\bullet131^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow uni_{+40}(\downarrow 8ve_{-40})^{1}} = (1) + \uparrow M7_{+28}(\downarrow m2_{-28})$

$1966 = 2^{1}\bullet983^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M7_{+29}(\downarrow m2_{-29})^{1}} = (1) + \uparrow M7_{+29}(\downarrow m2_{-29})$

$1967 = 7^{1}\bullet281^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M2_{-39}(\downarrow m7_{+39})^{1}} = (1) + \uparrow M7_{+30}(\downarrow m2_{-30})$

$1968 = 2^{4}\bullet3^{1}\bullet41^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{+29}(\downarrow m6_{-29})^{1}} = (1) + \uparrow M7_{+31}(\downarrow m2_{-31})$

$1969 = 11^{1}\bullet179^{1} = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow tt_{-19}(\downarrow tt_{+19})^{1}} = (1) + \uparrow M7_{+32}(\downarrow m2_{-32})$

$1970 = 2^{1}\bullet5^{1}\bullet197^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow P5_{+46}(\downarrow P4_{-46})^{1}} = (1) + \uparrow M7_{+33}(\downarrow m2_{-33})$

$1971 = 3^{3}\bullet73^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow M2_{+28}(\downarrow m7_{-28})^{1}} = (1) + \uparrow M7_{+34}(\downarrow m2_{-34})$

$1972 = 2^2 \bullet 17^1 \bullet 29^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1} = (1) + \uparrow M7_{+35}(\downarrow m2_{-35})$

$1973 = 1973^1 = \mathbf{(1) + \uparrow M7_{+35}(\downarrow m2_{-35})}$

$1974 = 2^1 \bullet 3^1 \bullet 7^1 \bullet 47^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow P5_{-34}(\downarrow P4_{+34})^1} = (1) + \uparrow M7_{+36}(\downarrow m2_{-36})$

$1975 = 5^2 \bullet 79^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow M3_{-35}(\downarrow m6_{+35})^1} = (1) + \uparrow M7_{+37}(\downarrow m2_{-37})$

$1976 = 2^3 \bullet 13^1 \bullet 19^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1} = (1) + \uparrow M7_{+38}(\downarrow m2_{-38})$

$1977 = 3^1 \bullet 659^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{+37}(\downarrow m6_{-37})^1} = (1) + \uparrow M7_{+39}(\downarrow m2_{-39})$

$1978 = 2^1 \bullet 23^1 \bullet 43^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow P4_{+12}(\downarrow P5_{-12})^1} = (1) + \uparrow M7_{+40}(\downarrow m2_{-40})$

$1979 = 1979^1 = \mathbf{(1) + \uparrow M7_{+41}(\downarrow m2_{-41})}$

$1980 = 2^2 \bullet 3^2 \bullet 5^1 \bullet 11^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1} = (1) + \uparrow M7_{+42}(\downarrow m2_{-42})$

$1981 = 7^1 \bullet 283^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M2_{-26}(\downarrow m7_{+26})^1} = (1) + \uparrow M7_{+42}(\downarrow m2_{-42})$

$1982 = 2^1 \bullet 991^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M7_{+43}(\downarrow m2_{-43})^1} = (1) + \uparrow M7_{+43}(\downarrow m2_{-43})$

$1983 = 3^1 \bullet 661^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{+42}(\downarrow m6_{-42})^1} = (1) + \uparrow M7_{+44}(\downarrow m2_{-44})$

$1984 = 2^6 \bullet 31^1 = \mathbf{(1) + \updownarrow 8ve(uni)^6 + \uparrow M7_{+45}(\downarrow m2_{-45})^1} = (1) + \uparrow M7_{+45}(\downarrow m2_{-45})$

$1985 = 5^1 \bullet 397^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m6_{-40}(\downarrow M3_{+40})^1} = (1) + \uparrow M7_{+46}(\downarrow m2_{-46})$

$1986 = 2^1 \bullet 3^1 \bullet 331^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{+45}(\downarrow m6_{-45})^1} = (1) + \uparrow M7_{+47}(\downarrow m2_{-47})$

$1987 = 1987^1 = \mathbf{(1) + \uparrow M7_{+48}(\downarrow m2_{-48})}$

$1988 = 2^2 \bullet 7^1 \bullet 71^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M2_{-20}(\downarrow m7_{+20})^1} = (1) + \uparrow M7_{+49}(\downarrow m2_{-49})$

$1989 = 3^2 \bullet 13^1 \bullet 17^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1} = (1) + \uparrow M7_{+49}(\downarrow m2_{-49})$

$1990 = 2^1 \bullet 5^1 \bullet 199^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m6_{-36}(\downarrow M3_{+36})^1} = (1) + \uparrow 8ve_{-50}(\downarrow uni_{+50})$

$1991 = 11^1 \bullet 181^1 = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow tt_{+0}(\downarrow tt_{-0})^1} = (1) + \uparrow 8ve_{-49}(\downarrow uni_{+49})$

$1992 = 2^3 \bullet 3^1 \bullet 83^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow P4_{-50}(\downarrow P5_{+50})^1} = (1) + \uparrow 8ve_{-48}(\downarrow uni_{+48})$

$1993 = 1993^1 = \mathbf{(1) + \uparrow 8ve_{-47}(\downarrow uni_{+47})}$

$1994 = 2^1 \bullet 997^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow 8ve_{-46}(\downarrow uni_{+46})^1} = (1) + \uparrow 8ve_{-46}(\downarrow uni_{+46})$

$1995 = 3^1 \bullet 5^1 \bullet 7^1 \bullet 19^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1} =$
$(1) + \uparrow 8ve_{-45}(\downarrow uni_{+45})$

$1996 = 2^2 \bullet 499^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow 8ve_{-45}(\downarrow uni_{+45})^1} = (1) + \uparrow 8ve_{-45}(\downarrow uni_{+45})$

$1997 = 1997^1 = \mathbf{(1) + \uparrow 8ve_{-44}(\downarrow uni_{+44})}$

$1998 = 2^1 \bullet 3^3 \bullet 37^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow m3_{-49}(\downarrow M6_{+49})^1} = (1) + \uparrow 8ve_{-43}(\downarrow uni_{+43})$

$1999 = 1999^1 = \mathbf{(1) + \uparrow 8ve_{-42}(\downarrow uni_{+42})}$

$2000 = 2^4 \bullet 5^3 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow M3_{-14}(\downarrow m6_{+14})^3} = (1) + \uparrow 8ve_{-41}(\downarrow uni_{+41})$

$2001 = 3^1 \bullet 23^1 \bullet 29^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1} = (1) + \uparrow 8ve_{-40}(\downarrow uni_{+40})$

$2002 = 2^1 \bullet 7^1 \bullet 11^1 \bullet 13^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1} = (1) + \uparrow 8ve_{-39}(\downarrow uni_{+39})$

$2003 = 2003^1 = \mathbf{(1) + \uparrow 8ve_{-38}(\downarrow uni_{+38})}$

$2004 = 2^2 \bullet 3^1 \bullet 167^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow P4_{-40}(\downarrow P5_{+40})^1} = (1) + \uparrow 8ve_{-38}(\downarrow uni_{+38})$

$2005 = 5^1 \bullet 401^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m6_{-23}(\downarrow M3_{+23})^1} = (1) + \uparrow 8ve_{-37}(\downarrow uni_{+37})$

$2006 = 2^1 \bullet 17^1 \bullet 59^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow M7_{-41}(\downarrow m2_{+41})^1} = (1) + \uparrow 8ve_{-36}(\downarrow uni_{+36})$

$2007 = 3^2 \bullet 223^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m7_{-39}(\downarrow M2_{+39})^1} = (1) + \uparrow 8ve_{-35}(\downarrow uni_{+35})$

$2008 = 2^3 \bullet 251^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow 8ve_{-34}(\downarrow uni_{+34})^1} = (1) + \uparrow 8ve_{-34}(\downarrow uni_{+34})$

$2009 = 7^2 \bullet 41^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^2 + \uparrow M3_{+29}(\downarrow m6_{-29})^1} = (1) + \uparrow 8ve_{-33}(\downarrow uni_{+33})$

$2010 = 2^1 \bullet 3^1 \bullet 5^1 \bullet 67^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m2_{-21}(\downarrow M7_{+21})^1} = (1) + \uparrow 8ve_{-32}(\downarrow uni_{+32})$

$2011 = 2011^1 = \mathbf{(1) + \uparrow 8ve_{-32}(\downarrow uni_{+32})}$

$2012 = 2^2 \bullet 503^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow 8ve_{-31}(\downarrow uni_{+31})^1} = (1) + \uparrow 8ve_{-31}(\downarrow uni_{+31})$

$2013 = 3^1 \bullet 11^1 \bullet 61^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow M7_{+17}(\downarrow m2_{-17})^1} = (1) + \uparrow 8ve_{-30}(\downarrow uni_{+30})$

$2014 = 2^{1}\bullet 19^{1}\bullet 53^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow M6_{-26}(\downarrow m3_{+26})^{1}} = (1) + \uparrow 8ve_{-29}(\downarrow uni_{+29})$

$2015 = 5^{1}\bullet 13^{1}\bullet 31^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1}} = (1) + \uparrow 8ve_{-28}(\downarrow uni_{+28})$

$2016 = 2^{5}\bullet 3^{2}\bullet 7^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{5} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1}} = (1) + \uparrow 8ve_{-27}(\downarrow uni_{+27})$

$2017 = 2017^{1} = \mathbf{(1) + \uparrow 8ve_{-26}(\downarrow uni_{+26})}$

$2018 = 2^{1}\bullet 1009^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow 8ve_{-26}(\downarrow uni_{+26})^{1}} = (1) + \uparrow 8ve_{-26}(\downarrow uni_{+26})$

$2019 = 3^{1}\bullet 673^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow P4_{-27}(\downarrow P5_{+27})^{1}} = (1) + \uparrow 8ve_{-25}(\downarrow uni_{+25})$

$2020 = 2^{2}\bullet 5^{1}\bullet 101^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m6_{-10}(\downarrow M3_{+10})^{1}} = (1) + \uparrow 8ve_{-24}(\downarrow uni_{+24})$

$2021 = 43^{1}\bullet 47^{1} = \mathbf{(1) + \uparrow P4_{+12}(\downarrow P5_{-12})^{1} + \uparrow P5_{-34}(\downarrow P4_{+34})^{1}} = (1) + \uparrow 8ve_{-23}(\downarrow uni_{+23})$

$2022 = 2^{1}\bullet 3^{1}\bullet 337^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow P4_{-24}(\downarrow P5_{+24})^{1}} = (1) + \uparrow 8ve_{-22}(\downarrow uni_{+22})$

$2023 = 7^{1}\bullet 17^{2} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{2}} = (1) + \uparrow 8ve_{-21}(\downarrow uni_{+21})$

$2024 = 2^{3}\bullet 11^{1}\bullet 23^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1}} = (1) + \uparrow 8ve_{-20}(\downarrow uni_{+20})$

$2025 = 3^{4}\bullet 5^{2} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{4} + \uparrow M3_{-14}(\downarrow m6_{+14})^{2}} = (1) + \uparrow 8ve_{-20}(\downarrow uni_{+20})$

$2026 = 2^{1}\bullet 1013^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow 8ve_{-19}(\downarrow uni_{+19})^{1}} = (1) + \uparrow 8ve_{-19}(\downarrow uni_{+19})$

$2027 = 2027^{1} = \mathbf{(1) + \uparrow 8ve_{-18}(\downarrow uni_{+18})}$

$2028 = 2^{2}\bullet 3^{1}\bullet 13^{2} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{2}} = (1) + \uparrow 8ve_{-17}(\downarrow uni_{+17})$

$2029 = 2029^{1} = \mathbf{(1) + \uparrow 8ve_{-16}(\downarrow uni_{+16})}$

$2030 = 2^{1}\bullet 5^{1}\bullet 7^{1}\bullet 29^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1}} = (1) + \uparrow 8ve_{-15}(\downarrow uni_{+15})$

$2031 = 3^{1}\bullet 677^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow P4_{-16}(\downarrow P5_{+16})^{1}} = (1) + \uparrow 8ve_{-14}(\downarrow uni_{+14})$

$2032 = 2^{4}\bullet 127^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow 8ve_{-14}(\downarrow uni_{+14})^{1}} = (1) + \uparrow 8ve_{-14}(\downarrow uni_{+14})$

$2033 = 19^{1}\bullet 107^{1} = \mathbf{(1) + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow M6_{-10}(\downarrow m3_{+10})^{1}} = (1) + \uparrow 8ve_{-13}(\downarrow uni_{+13})$

$2034 = 2^{1}\bullet 3^{2}\bullet 113^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m7_{-16}(\downarrow M2_{+16})^{1}} = (1) + \uparrow 8ve_{-12}(\downarrow uni_{+12})$

$2035 = 5^{1}\bullet 11^{1}\bullet 37^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m3_{-49}(\downarrow M6_{+49})^{1}} = (1) + \uparrow 8ve_{-11}(\downarrow uni_{+11})$

$2036 = 2^{2}\bullet 509^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow 8ve_{-10}(\downarrow uni_{+10})^{1}} = (1) + \uparrow 8ve_{-10}(\downarrow uni_{+10})$

$2037 = 3^{1}\bullet 7^{1}\bullet 97^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow P5_{+20}(\downarrow P4_{-20})^{1}} = (1) + \uparrow 8ve_{-9}(\downarrow uni_{+9})$

$2038 = 2^{1}\bullet 1019^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow 8ve_{-8}(\downarrow uni_{+8})^{1}} = (1) + \uparrow 8ve_{-8}(\downarrow uni_{+8})$

$2039 = 2039^{1} = \mathbf{(1) + \uparrow 8ve_{-8}(\downarrow uni_{+8})}$

$2040 = 2^{3}\bullet 3^{1}\bullet 5^{1}\bullet 17^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1}} = (1) + \uparrow 8ve_{-7}(\downarrow uni_{+7})$

$2041 = 13^{1}\bullet 157^{1} = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow M3_{-46}(\downarrow m6_{+46})^{1}} = (1) + \uparrow 8ve_{-6}(\downarrow uni_{+6})$

$2042 = 2^{1}\bullet 1021^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow 8ve_{-5}(\downarrow uni_{+5})^{1}} = (1) + \uparrow 8ve_{-5}(\downarrow uni_{+5})$

$2043 = 3^{2}\bullet 227^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m7_{-8}(\downarrow M2_{+8})^{1}} = (1) + \uparrow 8ve_{-4}(\downarrow uni_{+4})$

$2044 = 2^{2}\bullet 7^{1}\bullet 73^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M2_{+28}(\downarrow m7_{-28})^{1}} = (1) + \uparrow 8ve_{-3}(\downarrow uni_{+3})$

$2045 = 5^{1}\bullet 409^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m6_{+11}(\downarrow M3_{-11})^{1}} = (1) + \uparrow 8ve_{-3}(\downarrow uni_{+3})$

$2046 = 2^{1}\bullet 3^{1}\bullet 11^{1}\bullet 31^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1}} = (1) + \uparrow 8ve_{-2}(\downarrow uni_{+2})$

$2047 = 23^{1}\bullet 89^{1} = \mathbf{(1) + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow tt_{-29}(\downarrow tt_{+29})^{1}} = (1) + \uparrow 8ve_{-1}(\downarrow uni_{+1})$

$2048 = 2^{11} = \mathbf{(1) + \updownarrow 8ve(uni)^{11}} = (1) + \updownarrow 8ve(uni)$

$2049 = 3^{1}\bullet 683^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow P4_{-1}(\downarrow P5_{+1})^{1}} = (1) + \uparrow uni_{+1}(\downarrow 8ve_{-1})$

$2050 = 2^{1}\bullet 5^{2}\bullet 41^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow M3_{+29}(\downarrow m6_{-29})^{1}} = (1) + \uparrow uni_{+2}(\downarrow 8ve_{-2})$

$2051 = 7^{1}\bullet 293^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M2_{+34}(\downarrow m7_{-34})^{1}} = (1) + \uparrow uni_{+3}(\downarrow 8ve_{-3})$

$2052 = 2^{2}\bullet 3^{3}\bullet 19^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1}} = (1) + \uparrow uni_{+3}(\downarrow 8ve_{-3})$

$2053 = 2053^{1} = \mathbf{(1) + \uparrow uni_{+4}(\downarrow 8ve_{-4})}$

$2054 = 2^{1}\bullet 13^{1}\bullet 79^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow M3_{-35}(\downarrow m6_{+35})^{1}} = (1) + \uparrow uni_{+5}(\downarrow 8ve_{-5})$

$2055 = 3^{1}\bullet 5^{1}\bullet 137^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m2_{+18}(\downarrow M7_{-18})^{1}} = (1) + \uparrow uni_{+6}(\downarrow 8ve_{-6})$

$2056 = 2^3 \cdot 257^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow uni_{+7}(\downarrow 8ve_{-7})^1} = (1) + \uparrow uni_{+7}(\downarrow 8ve_{-7})$

$2057 = 11^2 \cdot 17^1 = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^2 + \uparrow m2_{+5}(\downarrow M7_{-5})^1} = (1) + \uparrow uni_{+8}(\downarrow 8ve_{-8})$

$2058 = 2^1 \cdot 3^1 \cdot 7^3 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^3} = (1) + \uparrow uni_{+8}(\downarrow 8ve_{-8})$

$2059 = 29^1 \cdot 71^1 = \mathbf{(1) + \uparrow m7_{+30}(\downarrow M2_{-30})^1 + \uparrow M2_{-20}(\downarrow m7_{+20})^1} = (1) + \uparrow uni_{+9}(\downarrow 8ve_{-9})$

$2060 = 2^2 \cdot 5^1 \cdot 103^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m6_{+24}(\downarrow M3_{-24})^1} = (1) + \uparrow uni_{+10}(\downarrow 8ve_{-10})$

$2061 = 3^2 \cdot 229^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m7_{+7}(\downarrow M2_{-7})^1} = (1) + \uparrow uni_{+11}(\downarrow 8ve_{-11})$

$2062 = 2^1 \cdot 1031^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow uni_{+12}(\downarrow 8ve_{-12})^1} = (1) + \uparrow uni_{+12}(\downarrow 8ve_{-12})$

$2063 = 2063^1 = \mathbf{(1) + \uparrow uni_{+13}(\downarrow 8ve_{-13})}$

$2064 = 2^4 \cdot 3^1 \cdot 43^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow P4_{+12}(\downarrow P5_{-12})^1} = (1) + \uparrow uni_{+13}(\downarrow 8ve_{-13})$

$2065 = 5^1 \cdot 7^1 \cdot 59^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M7_{-41}(\downarrow m2_{+41})^1} = (1) + \uparrow uni_{+14}(\downarrow 8ve_{-14})$

$2066 = 2^1 \cdot 1033^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow uni_{+15}(\downarrow 8ve_{-15})^1} = (1) + \uparrow uni_{+15}(\downarrow 8ve_{-15})$

$2067 = 3^1 \cdot 13^1 \cdot 53^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow M6_{-26}(\downarrow m3_{+26})^1} = (1) + \uparrow uni_{+16}(\downarrow 8ve_{-16})$

$2068 = 2^2 \cdot 11^1 \cdot 47^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow P5_{-34}(\downarrow P4_{+34})^1} = (1) + \uparrow uni_{+17}(\downarrow 8ve_{-17})$

$2069 = 2069^1 = \mathbf{(1) + \uparrow uni_{+18}(\downarrow 8ve_{-18})}$

$2070 = 2^1 \cdot 3^2 \cdot 5^1 \cdot 23^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1} = (1) + \uparrow uni_{+18}(\downarrow 8ve_{-18})$

$2071 = 19^1 \cdot 109^1 = \mathbf{(1) + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow M6_{+22}(\downarrow m3_{-22})^1} = (1) + \uparrow uni_{+19}(\downarrow 8ve_{-19})$

$2072 = 2^3 \cdot 7^1 \cdot 37^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m3_{-49}(\downarrow M6_{+49})^1} = (1) + \uparrow uni_{+20}(\downarrow 8ve_{-20})$

$2073 = 3^1 \cdot 691^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow P4_{+19}(\downarrow P5_{-19})^1} = (1) + \uparrow uni_{+21}(\downarrow 8ve_{-21})$

$2074 = 2^1 \cdot 17^1 \cdot 61^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow M7_{+17}(\downarrow m2_{-17})^1} = (1) + \uparrow uni_{+22}(\downarrow 8ve_{-22})$

$2075 = 5^2 \cdot 83^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow P4_{-50}(\downarrow P5_{+50})^1} = (1) + \uparrow uni_{+23}(\downarrow 8ve_{-23})$

$2076 = 2^2 \cdot 3^1 \cdot 173^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow P4_{+22}(\downarrow P5_{-22})^1} = (1) + \uparrow uni_{+24}(\downarrow 8ve_{-24})$

$2077 = 31^1 \cdot 67^1 = \mathbf{(1) + \uparrow M7_{+45}(\downarrow m2_{-45})^1 + \uparrow m2_{-21}(\downarrow M7_{+21})^1} = (1) + \uparrow uni_{+24}(\downarrow 8ve_{-24})$

$2078 = 2^1 \cdot 1039^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow uni_{+25}(\downarrow 8ve_{-25})^1} = (1) + \uparrow uni_{+25}(\downarrow 8ve_{-25})$

$2079 = 3^3 \cdot 7^1 \cdot 11^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1} = (1) + \uparrow uni_{+26}(\downarrow 8ve_{-26})$

$2080 = 2^5 \cdot 5^1 \cdot 13^1 = \mathbf{(1) + \updownarrow 8ve(uni)^5 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1} = (1) + \uparrow uni_{+27}(\downarrow 8ve_{-27})$

$2081 = 2081^1 = \mathbf{(1) + \uparrow uni_{+28}(\downarrow 8ve_{-28})}$

$2082 = 2^1 \cdot 3^1 \cdot 347^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow P4_{+27}(\downarrow P5_{-27})^1} = (1) + \uparrow uni_{+29}(\downarrow 8ve_{-29})$

$2083 = 2083^1 = \mathbf{(1) + \uparrow uni_{+29}(\downarrow 8ve_{-29})}$

$2084 = 2^2 \cdot 521^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow uni_{+30}(\downarrow 8ve_{-30})^1} = (1) + \uparrow uni_{+30}(\downarrow 8ve_{-30})$

$2085 = 3^1 \cdot 5^1 \cdot 139^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m2_{+43}(\downarrow M7_{-43})^1} = (1) + \uparrow uni_{+31}(\downarrow 8ve_{-31})$

$2086 = 2^1 \cdot 7^1 \cdot 149^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m3_{-37}(\downarrow M6_{+37})^1} = (1) + \uparrow uni_{+32}(\downarrow 8ve_{-32})$

$2087 = 2087^1 = \mathbf{(1) + \uparrow uni_{+33}(\downarrow 8ve_{-33})}$

$2088 = 2^3 \cdot 3^2 \cdot 29^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m7_{+30}(\downarrow M2_{-30})^1} = (1) + \uparrow uni_{+33}(\downarrow 8ve_{-33})$

$2089 = 2089^1 = \mathbf{(1) + \uparrow uni_{+34}(\downarrow 8ve_{-34})}$

$2090 = 2^1 \cdot 5^1 \cdot 11^1 \cdot 19^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1} = (1) + \uparrow uni_{+35}(\downarrow 8ve_{-35})$

$2091 = 3^1 \cdot 17^1 \cdot 41^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow M3_{+29}(\downarrow m6_{-29})^1} = (1) + \uparrow uni_{+36}(\downarrow 8ve_{-36})$

$2092 = 2^2 \cdot 523^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow uni_{+37}(\downarrow 8ve_{-37})^1} = (1) + \uparrow uni_{+37}(\downarrow 8ve_{-37})$

$2093 = 7^1 \cdot 13^1 \cdot 23^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1} = (1) + \uparrow uni_{+38}(\downarrow 8ve_{-38})$

$2094 = 2^1 \cdot 3^1 \cdot 349^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow P4_{+36}(\downarrow P5_{-36})^1} = (1) + \uparrow uni_{+38}(\downarrow 8ve_{-38})$

$2095 = 5^1 \cdot 419^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M6_{-47}(\downarrow m3_{+47})^1} = (1) + \uparrow uni_{+39}(\downarrow 8ve_{-39})$

$2096 = 2^4 \cdot 131^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow uni_{+40}(\downarrow 8ve_{-40})^1} = (1) + \uparrow uni_{+40}(\downarrow 8ve_{-40})$

$2097 = 3^2 \cdot 233^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m7_{+37}(\downarrow M2_{-37})^1} = (1) + \uparrow uni_{+41}(\downarrow 8ve_{-41})$

$2098 = 2^{1}\bullet 1049^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow uni_{+42}(\downarrow 8ve_{-42})^{1}} = (1) + \uparrow uni_{+42}(\downarrow 8ve_{-42})$

$2099 = 2099^{1} = \mathbf{(1) + \uparrow uni_{+43}(\downarrow 8ve_{-43})}$

$2100 = 2^{2}\bullet 3^{1}\bullet 5^{2}\bullet 7^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1}} = (1) + \uparrow uni_{+43}(\downarrow 8ve_{-43})$

$2101 = 11^{1}\bullet 191^{1} = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow P5_{-7}(\downarrow P4_{+7})^{1}} = (1) + \uparrow uni_{+44}(\downarrow 8ve_{-44})$

$2102 = 2^{1}\bullet 1051^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow uni_{+45}(\downarrow 8ve_{-45})^{1}} = (1) + \uparrow uni_{+45}(\downarrow 8ve_{-45})$

$2103 = 3^{1}\bullet 701^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow P4_{+44}(\downarrow P5_{-44})^{1}} = (1) + \uparrow uni_{+46}(\downarrow 8ve_{-46})$

$2104 = 2^{3}\bullet 263^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow uni_{+47}(\downarrow 8ve_{-47})^{1}} = (1) + \uparrow uni_{+47}(\downarrow 8ve_{-47})$

$2105 = 5^{1}\bullet 421^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M6_{-39}(\downarrow m3_{+39})^{1}} = (1) + \uparrow uni_{+48}(\downarrow 8ve_{-48})$

$2106 = 2^{1}\bullet 3^{4}\bullet 13^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{4} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1}} = (1) + \uparrow uni_{+48}(\downarrow 8ve_{-48})$

$2107 = 7^{2}\bullet 43^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{2} + \uparrow P4_{+12}(\downarrow P5_{-12})^{1}} = (1) + \uparrow uni_{+49}(\downarrow 8ve_{-49})$

$2108 = 2^{2}\bullet 17^{1}\bullet 31^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1}} = (1) + \uparrow uni_{+50}(\downarrow 8ve_{-50})$

$2109 = 3^{1}\bullet 19^{1}\bullet 37^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow m3_{-49}(\downarrow M6_{+49})^{1}} = (1) + \uparrow m2_{-49}(\downarrow M7_{+49})$

$2110 = 2^{1}\bullet 5^{1}\bullet 211^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M6_{-35}(\downarrow m3_{+35})^{1}} = (1) + \uparrow m2_{-48}(\downarrow M7_{+48})$

$2111 = 2111^{1} = \mathbf{(1) + \uparrow m2_{-48}(\downarrow M7_{+48})}$

$2112 = 2^{6}\bullet 3^{1}\bullet 11^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{6} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1}} = (1) + \uparrow m2_{-47}(\downarrow M7_{+47})$

$2113 = 2113^{1} = \mathbf{(1) + \uparrow m2_{-46}(\downarrow M7_{+46})}$

$2114 = 2^{1}\bullet 7^{1}\bullet 151^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m3_{-14}(\downarrow M6_{+14})^{1}} = (1) + \uparrow m2_{-45}(\downarrow M7_{+45})$

$2115 = 3^{2}\bullet 5^{1}\bullet 47^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow P5_{-34}(\downarrow P4_{+34})^{1}} = (1) + \uparrow m2_{-44}(\downarrow M7_{+44})$

$2116 = 2^{2}\bullet 23^{2} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow tt_{+28}(\downarrow tt_{-28})^{2}} = (1) + \uparrow m2_{-43}(\downarrow M7_{+43})$

$2117 = 29^{1}\bullet 73^{1} = \mathbf{(1) + \uparrow m7_{+30}(\downarrow M2_{-30})^{1} + \uparrow M2_{+28}(\downarrow m7_{-28})^{1}} = (1) + \uparrow m2_{-43}(\downarrow M7_{+43})$

$2118 = 2^{1}\bullet 3^{1}\bullet 353^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{-44}(\downarrow tt_{+44})^{1}} = (1) + \uparrow m2_{-42}(\downarrow M7_{+42})$

$2119 = 13^{1}\bullet 163^{1} = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow M3_{+18}(\downarrow m6_{-18})^{1}} = (1) + \uparrow m2_{-41}(\downarrow M7_{+41})$

$2120 = 2^{3}\bullet 5^{1}\bullet 53^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M6_{-26}(\downarrow m3_{+26})^{1}} = (1) + \uparrow m2_{-40}(\downarrow M7_{+40})$

$2121 = 3^{1}\bullet 7^{1}\bullet 101^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m6_{-10}(\downarrow M3_{+10})^{1}} = (1) + \uparrow m2_{-39}(\downarrow M7_{+39})$

$2122 = 2^{1}\bullet 1061^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m2_{-39}(\downarrow M7_{+39})^{1}} = (1) + \uparrow m2_{-39}(\downarrow M7_{+39})$

$2123 = 11^{1}\bullet 193^{1} = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow P5_{+11}(\downarrow P4_{-11})^{1}} = (1) + \uparrow m2_{-38}(\downarrow M7_{+38})$

$2124 = 2^{2}\bullet 3^{2}\bullet 59^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M7_{-41}(\downarrow m2_{+41})^{1}} = (1) + \uparrow m2_{-37}(\downarrow M7_{+37})$

$2125 = 5^{3}\bullet 17^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{3} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1}} = (1) + \uparrow m2_{-36}(\downarrow M7_{+36})$

$2126 = 2^{1}\bullet 1063^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m2_{-35}(\downarrow M7_{+35})^{1}} = (1) + \uparrow m2_{-35}(\downarrow M7_{+35})$

$2127 = 3^{1}\bullet 709^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{-36}(\downarrow tt_{+36})^{1}} = (1) + \uparrow m2_{-34}(\downarrow M7_{+34})$

$2128 = 2^{4}\bullet 7^{1}\bullet 19^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1}} = (1) + \uparrow m2_{-34}(\downarrow M7_{+34})$

$2129 = 2129^{1} = \mathbf{(1) + \uparrow m2_{-33}(\downarrow M7_{+33})}$

$2130 = 2^{1}\bullet 3^{1}\bullet 5^{1}\bullet 71^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M2_{-20}(\downarrow m7_{+20})^{1}} = (1) + \uparrow m2_{-32}(\downarrow M7_{+32})$

$2131 = 2131^{1} = \mathbf{(1) + \uparrow m2_{-31}(\downarrow M7_{+31})}$

$2132 = 2^{2}\bullet 13^{1}\bullet 41^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow M3_{+29}(\downarrow m6_{-29})^{1}} = (1) + \uparrow m2_{-30}(\downarrow M7_{+30})$

$2133 = 3^{3}\bullet 79^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow M3_{-35}(\downarrow m6_{+35})^{1}} = (1) + \uparrow m2_{-30}(\downarrow M7_{+30})$

$2134 = 2^{1}\bullet 11^{1}\bullet 97^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow P5_{+20}(\downarrow P4_{-20})^{1}} = (1) + \uparrow m2_{-29}(\downarrow M7_{+29})$

$2135 = 5^{1}\bullet 7^{1}\bullet 61^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M7_{+17}(\downarrow m2_{-17})^{1}} = (1) + \uparrow m2_{-28}(\downarrow M7_{+28})$

$2136 = 2^{3}\bullet 3^{1}\bullet 89^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{-29}(\downarrow tt_{+29})^{1}} = (1) + \uparrow m2_{-27}(\downarrow M7_{+27})$

$2137 = 2137^{1} = \mathbf{(1) + \uparrow m2_{-26}(\downarrow M7_{+26})}$

$2138 = 2^{1}\bullet 1069^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m2_{-26}(\downarrow M7_{+26})^{1}} = (1) + \uparrow m2_{-26}(\downarrow M7_{+26})$

$2139 = 3^{1}\bullet 23^{1}\bullet 31^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1}} = (1) + \uparrow m2_{-25}(\downarrow M7_{+25})$

$2140 = 2^2 \bullet 5^1 \bullet 107^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M6_{-10}(\downarrow m3_{+10})^1} = (1) + \uparrow m2_{-24}(\downarrow M7_{+24})$

$2141 = 2141^1 = \mathbf{(1) + \uparrow m2_{-23}(\downarrow M7_{+23})}$

$2142 = 2^1 \bullet 3^2 \bullet 7^1 \bullet 17^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1} = (1) + \uparrow m2_{-22}(\downarrow M7_{+22})$

$2143 = 2143^1 = \mathbf{(1) + \uparrow m2_{-22}(\downarrow M7_{+22})}$

$2144 = 2^5 \bullet 67^1 = \mathbf{(1) + \updownarrow 8ve(uni)^5 + \uparrow m2_{-21}(\downarrow M7_{+21})^1} = (1) + \uparrow m2_{-21}(\downarrow M7_{+21})$

$2145 = 3^1 \bullet 5^1 \bullet 11^1 \bullet 13^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1} = (1) + \uparrow m2_{-20}(\downarrow M7_{+20})$

$2146 = 2^1 \bullet 29^1 \bullet 37^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1 + \uparrow m3_{-49}(\downarrow M6_{+49})^1} = (1) + \uparrow m2_{-19}(\downarrow M7_{+19})$

$2147 = 19^1 \bullet 113^1 = \mathbf{(1) + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow m7_{-16}(\downarrow M2_{+16})^1} = (1) + \uparrow m2_{-18}(\downarrow M7_{+18})$

$2148 = 2^2 \bullet 3^1 \bullet 179^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{-19}(\downarrow tt_{+19})^1} = (1) + \uparrow m2_{-17}(\downarrow M7_{+17})$

$2149 = 7^1 \bullet 307^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m3_{+15}(\downarrow M6_{-15})^1} = (1) + \uparrow m2_{-17}(\downarrow M7_{+17})$

$2150 = 2^1 \bullet 5^2 \bullet 43^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow P4_{+12}(\downarrow P5_{-12})^1} = (1) + \uparrow m2_{-16}(\downarrow M7_{+16})$

$2151 = 3^2 \bullet 239^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M7_{-19}(\downarrow m2_{+19})^1} = (1) + \uparrow m2_{-15}(\downarrow M7_{+15})$

$2152 = 2^3 \bullet 269^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow m2_{-14}(\downarrow M7_{+14})^1} = (1) + \uparrow m2_{-14}(\downarrow M7_{+14})$

$2153 = 2153^1 = \mathbf{(1) + \uparrow m2_{-13}(\downarrow M7_{+13})}$

$2154 = 2^1 \bullet 3^1 \bullet 359^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{-15}(\downarrow tt_{+15})^1} = (1) + \uparrow m2_{-13}(\downarrow M7_{+13})$

$2155 = 5^1 \bullet 431^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M6_{+2}(\downarrow m3_{-2})^1} = (1) + \uparrow m2_{-12}(\downarrow M7_{+12})$

$2156 = 2^2 \bullet 7^2 \bullet 11^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m7_{-31}(\downarrow M2_{+31})^2 + \uparrow tt_{-49}(\downarrow tt_{+49})^1} = (1) + \uparrow m2_{-11}(\downarrow M7_{+11})$

$2157 = 3^1 \bullet 719^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{-12}(\downarrow tt_{+12})^1} = (1) + \uparrow m2_{-10}(\downarrow M7_{+10})$

$2158 = 2^1 \bullet 13^1 \bullet 83^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow P4_{-50}(\downarrow P5_{+50})^1} = (1) + \uparrow m2_{-9}(\downarrow M7_{+9})$

$2159 = 17^1 \bullet 127^1 = \mathbf{(1) + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow 8ve_{-14}(\downarrow uni_{+14})^1} = (1) + \uparrow m2_{-9}(\downarrow M7_{+9})$

$2160 = 2^4 \bullet 3^3 \bullet 5^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow M3_{-14}(\downarrow m6_{+14})^1} = (1) + \uparrow m2_{-8}(\downarrow M7_{+8})$

$2161 = 2161^1 = \mathbf{(1) + \uparrow m2_{-7}(\downarrow M7_{+7})}$

$2162 = 2^1 \bullet 23^1 \bullet 47^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow P5_{-34}(\downarrow P4_{+34})^1} = (1) + \uparrow m2_{-6}(\downarrow M7_{+6})$

$2163 = 3^1 \bullet 7^1 \bullet 103^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m6_{+24}(\downarrow M3_{-24})^1} = (1) + \uparrow m2_{-5}(\downarrow M7_{+5})$

$2164 = 2^2 \bullet 541^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m2_{-5}(\downarrow M7_{+5})^1} = (1) + \uparrow m2_{-5}(\downarrow M7_{+5})$

$2165 = 5^1 \bullet 433^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M6_{+10}(\downarrow m3_{-10})^1} = (1) + \uparrow m2_{-4}(\downarrow M7_{+4})$

$2166 = 2^1 \bullet 3^1 \bullet 19^2 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^2} = (1) + \uparrow m2_{-3}(\downarrow M7_{+3})$

$2167 = 11^1 \bullet 197^1 = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow P5_{+46}(\downarrow P4_{-46})^1} = (1) + \uparrow m2_{-2}(\downarrow M7_{+2})$

$2168 = 2^3 \bullet 271^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow m2_{-1}(\downarrow M7_{+1})^1} = (1) + \uparrow m2_{-1}(\downarrow M7_{+1})$

$2169 = 3^2 \bullet 241^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M7_{-5}(\downarrow m2_{+5})^1} = (1) + \uparrow m2_{-1}(\downarrow M7_{+1})$

$2170 = 2^1 \bullet 5^1 \bullet 7^1 \bullet 31^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M7_{+45}(\downarrow m2_{-45})^1} = (1) + \uparrow m2_{+0}(\downarrow M7_{-0})$

$2171 = 13^1 \bullet 167^1 = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow P4_{-40}(\downarrow P5_{+40})^1} = (1) + \uparrow m2_{+1}(\downarrow M7_{-1})$

$2172 = 2^2 \bullet 3^1 \bullet 181^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{+0}(\downarrow tt_{-0})^1} = (1) + \uparrow m2_{+2}(\downarrow M7_{-2})$

$2173 = 41^1 \bullet 53^1 = \mathbf{(1) + \uparrow M3_{+29}(\downarrow m6_{-29})^1 + \uparrow M6_{-26}(\downarrow m3_{+26})^1} = (1) + \uparrow m2_{+3}(\downarrow M7_{-3})$

$2174 = 2^1 \bullet 1087^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m2_{+3}(\downarrow M7_{-3})^1} = (1) + \uparrow m2_{+3}(\downarrow M7_{-3})$

$2175 = 3^1 \bullet 5^2 \bullet 29^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow m7_{+30}(\downarrow M2_{-30})^1} = (1) + \uparrow m2_{+4}(\downarrow M7_{-4})$

$2176 = 2^7 \bullet 17^1 = \mathbf{(1) + \updownarrow 8ve(uni)^7 + \uparrow m2_{+5}(\downarrow M7_{-5})^1} = (1) + \uparrow m2_{+5}(\downarrow M7_{-5})$

$2177 = 7^1 \bullet 311^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m3_{+37}(\downarrow M6_{-37})^1} = (1) + \uparrow m2_{+6}(\downarrow M7_{-6})$

$2178 = 2^1 \bullet 3^2 \bullet 11^2 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow tt_{-49}(\downarrow tt_{+49})^2} = (1) + \uparrow m2_{+7}(\downarrow M7_{-7})$

$2179 = 2179^1 = \mathbf{(1) + \uparrow m2_{+7}(\downarrow M7_{-7})}$

$2180 = 2^2 \bullet 5^1 \bullet 109^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M6_{+22}(\downarrow m3_{-22})^1} = (1) + \uparrow m2_{+8}(\downarrow M7_{-8})$

$2181 = 3^1 \bullet 727^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{+7}(\downarrow tt_{-7})^1} = (1) + \uparrow m2_{+9}(\downarrow M7_{-9})$

$2182 = 2^{1}\bullet 1091^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m2_{+10}(\downarrow M7_{-10})^{1}} = (1) + \uparrow m2_{+10}(\downarrow M7_{-10})$

$2183 = 37^{1}\bullet 59^{1} = \mathbf{(1) + \uparrow m3_{-49}(\downarrow M6_{+49})^{1} + \uparrow M7_{-41}(\downarrow m2_{+41})^{1}} = (1) + \uparrow m2_{+11}(\downarrow M7_{-11})$

$2184 = 2^{3}\bullet 3^{1}\bullet 7^{1}\bullet 13^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1}} = (1) + \uparrow m2_{+11}(\downarrow M7_{-11})$

$2185 = 5^{1}\bullet 19^{1}\bullet 23^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1}} = (1) + \uparrow m2_{+12}(\downarrow M7_{-12})$

$2186 = 2^{1}\bullet 1093^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m2_{+13}(\downarrow M7_{-13})^{1}} = (1) + \uparrow m2_{+13}(\downarrow M7_{-13})$

$2187 = 3^{7} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{7}} = (1) + \uparrow m2_{+14}(\downarrow M7_{-14})$

$2188 = 2^{2}\bullet 547^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m2_{+14}(\downarrow M7_{-14})^{1}} = (1) + \uparrow m2_{+14}(\downarrow M7_{-14})$

$2189 = 11^{1}\bullet 199^{1} = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m6_{-36}(\downarrow M3_{+36})^{1}} = (1) + \uparrow m2_{+15}(\downarrow M7_{-15})$

$2190 = 2^{1}\bullet 3^{1}\bullet 5^{1}\bullet 73^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M2_{+28}(\downarrow m7_{-28})^{1}} = (1) + \uparrow m2_{+16}(\downarrow M7_{-16})$

$2191 = 7^{1}\bullet 313^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m3_{+48}(\downarrow M6_{-48})^{1}} = (1) + \uparrow m2_{+17}(\downarrow M7_{-17})$

$2192 = 2^{4}\bullet 137^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow m2_{+18}(\downarrow M7_{-18})^{1}} = (1) + \uparrow m2_{+18}(\downarrow M7_{-18})$

$2193 = 3^{1}\bullet 17^{1}\bullet 43^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow P4_{+12}(\downarrow P5_{-12})^{1}} = (1) + \uparrow m2_{+18}(\downarrow M7_{-18})$

$2194 = 2^{1}\bullet 1097^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m2_{+19}(\downarrow M7_{-19})^{1}} = (1) + \uparrow m2_{+19}(\downarrow M7_{-19})$

$2195 = 5^{1}\bullet 439^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M6_{+34}(\downarrow m3_{-34})^{1}} = (1) + \uparrow m2_{+20}(\downarrow M7_{-20})$

$2196 = 2^{2}\bullet 3^{2}\bullet 61^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M7_{+17}(\downarrow m2_{-17})^{1}} = (1) + \uparrow m2_{+21}(\downarrow M7_{-21})$

$2197 = 13^{3} = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^{3}} = (1) + \uparrow m2_{+22}(\downarrow M7_{-22})$

$2198 = 2^{1}\bullet 7^{1}\bullet 157^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M3_{-46}(\downarrow m6_{+46})^{1}} = (1) + \uparrow m2_{+22}(\downarrow M7_{-22})$

$2199 = 3^{1}\bullet 733^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{+21}(\downarrow tt_{-21})^{1}} = (1) + \uparrow m2_{+23}(\downarrow M7_{-23})$

$2200 = 2^{3}\bullet 5^{2}\bullet 11^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1}} = (1) + \uparrow m2_{+24}(\downarrow M7_{-24})$

$2201 = 31^{1}\bullet 71^{1} = \mathbf{(1) + \uparrow M7_{+45}(\downarrow m2_{-45})^{1} + \uparrow M2_{-20}(\downarrow m7_{+20})^{1}} = (1) + \uparrow m2_{+25}(\downarrow M7_{-25})$

$2202 = 2^{1}\bullet 3^{1}\bullet 367^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{+24}(\downarrow tt_{-24})^{1}} = (1) + \uparrow m2_{+26}(\downarrow M7_{-26})$

$2203 = 2203^{1} = \mathbf{(1) + \uparrow m2_{+26}(\downarrow M7_{-26})}$

$2204 = 2^{2}\bullet 19^{1}\bullet 29^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1}} = (1) + \uparrow m2_{+27}(\downarrow M7_{-27})$

$2205 = 3^{2}\bullet 5^{1}\bullet 7^{2} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{2}} = (1) + \uparrow m2_{+28}(\downarrow M7_{-28})$

$2206 = 2^{1}\bullet 1103^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m2_{+29}(\downarrow M7_{-29})^{1}} = (1) + \uparrow m2_{+29}(\downarrow M7_{-29})$

$2207 = 2207^{1} = \mathbf{(1) + \uparrow m2_{+29}(\downarrow M7_{-29})}$

$2208 = 2^{5}\bullet 3^{1}\bullet 23^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{5} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1}} = (1) + \uparrow m2_{+30}(\downarrow M7_{-30})$

$2209 = 47^{2} = \mathbf{(1) + \uparrow P5_{-34}(\downarrow P4_{+34})^{2}} = (1) + \uparrow m2_{+31}(\downarrow M7_{-31})$

$2210 = 2^{1}\bullet 5^{1}\bullet 13^{1}\bullet 17^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1}} = (1) + \uparrow m2_{+32}(\downarrow M7_{-32})$

$2211 = 3^{1}\bullet 11^{1}\bullet 67^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m2_{-21}(\downarrow M7_{+21})^{1}} = (1) + \uparrow m2_{+33}(\downarrow M7_{-33})$

$2212 = 2^{2}\bullet 7^{1}\bullet 79^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M3_{-35}(\downarrow m6_{+35})^{1}} = (1) + \uparrow m2_{+33}(\downarrow M7_{-33})$

$2213 = 2213^{1} = \mathbf{(1) + \uparrow m2_{+34}(\downarrow M7_{-34})}$

$2214 = 2^{1}\bullet 3^{3}\bullet 41^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow M3_{+29}(\downarrow m6_{-29})^{1}} = (1) + \uparrow m2_{+35}(\downarrow M7_{-35})$

$2215 = 5^{1}\bullet 443^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M6_{+49}(\downarrow m3_{-49})^{1}} = (1) + \uparrow m2_{+36}(\downarrow M7_{-36})$

$2216 = 2^{3}\bullet 277^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow m2_{+36}(\downarrow M7_{-36})^{1}} = (1) + \uparrow m2_{+36}(\downarrow M7_{-36})$

$2217 = 3^{1}\bullet 739^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{+35}(\downarrow tt_{-35})^{1}} = (1) + \uparrow m2_{+37}(\downarrow M7_{-37})$

$2218 = 2^{1}\bullet 1109^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m2_{+38}(\downarrow M7_{-38})^{1}} = (1) + \uparrow m2_{+38}(\downarrow M7_{-38})$

$2219 = 7^{1}\bullet 317^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M3_{-30}(\downarrow m6_{+30})^{1}} = (1) + \uparrow m2_{+39}(\downarrow M7_{-39})$

$2220 = 2^{2}\bullet 3^{1}\bullet 5^{1}\bullet 37^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m3_{-49}(\downarrow M6_{+49})^{1}} = (1) + \uparrow m2_{+40}(\downarrow M7_{-40})$

$2221 = 2221^{1} = \mathbf{(1) + \uparrow m2_{+40}(\downarrow M7_{-40})}$

$2222 = 2^{1}\bullet 11^{1}\bullet 101^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m6_{-10}(\downarrow M3_{+10})^{1}} = (1) + \uparrow m2_{+41}(\downarrow M7_{-41})$

$2223 = 3^{2}\bullet 13^{1}\bullet 19^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1}} = (1) + \uparrow m2_{+42}(\downarrow M7_{-42})$

$2224 = 2^4 \bullet 139^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow m2_{+43}(\downarrow M7_{-43})^1} = (1) + \uparrow m2_{+43}(\downarrow M7_{-43})$

$2225 = 5^2 \bullet 89^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow tt_{-29}(\downarrow tt_{+29})^1} = (1) + \uparrow m2_{+44}(\downarrow M7_{-44})$

$2226 = 2^1 \bullet 3^1 \bullet 7^1 \bullet 53^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M6_{-26}(\downarrow m3_{+26})^1} = (1) + \uparrow m2_{+44}(\downarrow M7_{-44})$

$2227 = 17^1 \bullet 131^1 = \mathbf{(1) + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow uni_{+40}(\downarrow 8ve_{-40})^1} = (1) + \uparrow m2_{+45}(\downarrow M7_{-45})$

$2228 = 2^2 \bullet 557^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m2_{+46}(\downarrow M7_{-46})^1} = (1) + \uparrow m2_{+46}(\downarrow M7_{-46})$

$2229 = 3^1 \bullet 743^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{+45}(\downarrow tt_{-45})^1} = (1) + \uparrow m2_{+47}(\downarrow M7_{-47})$

$2230 = 2^1 \bullet 5^1 \bullet 223^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-39}(\downarrow M2_{+39})^1} = (1) + \uparrow m2_{+47}(\downarrow M7_{-47})$

$2231 = 23^1 \bullet 97^1 = \mathbf{(1) + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow P5_{+20}(\downarrow P4_{-20})^1} = (1) + \uparrow m2_{+48}(\downarrow M7_{-48})$

$2232 = 2^3 \bullet 3^2 \bullet 31^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M7_{+45}(\downarrow m2_{-45})^1} = (1) + \uparrow m2_{+49}(\downarrow M7_{-49})$

$2233 = 7^1 \bullet 11^1 \bullet 29^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1} = (1) + \uparrow m2_{+50}(\downarrow M7_{-50})$

$2234 = 2^1 \bullet 1117^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M2_{-50}(\downarrow m7_{+50})^1} = (1) + \uparrow M2_{-50}(\downarrow m7_{+50})$

$2235 = 3^1 \bullet 5^1 \bullet 149^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m3_{-37}(\downarrow M6_{+37})^1} = (1) + \uparrow M2_{-49}(\downarrow m7_{+49})$

$2236 = 2^2 \bullet 13^1 \bullet 43^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow P4_{+12}(\downarrow P5_{-12})^1} = (1) + \uparrow M2_{-48}(\downarrow m7_{+48})$

$2237 = 2237^1 = \mathbf{(1) + \uparrow M2_{-47}(\downarrow m7_{+47})}$

$2238 = 2^1 \bullet 3^1 \bullet 373^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow P5_{-48}(\downarrow P4_{+48})^1} = (1) + \uparrow M2_{-46}(\downarrow m7_{+46})$

$2239 = 2239^1 = \mathbf{(1) + \uparrow M2_{-46}(\downarrow m7_{+46})}$

$2240 = 2^6 \bullet 5^1 \bullet 7^1 = \mathbf{(1) + \updownarrow 8ve(uni)^6 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1} = (1) + \uparrow M2_{-45}(\downarrow m7_{+45})$

$2241 = 3^3 \bullet 83^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow P4_{-50}(\downarrow P5_{+50})^1} = (1) + \uparrow M2_{-44}(\downarrow m7_{+44})$

$2242 = 2^1 \bullet 19^1 \bullet 59^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow M7_{-41}(\downarrow m2_{+41})^1} = (1) + \uparrow M2_{-43}(\downarrow m7_{+43})$

$2243 = 2243^1 = \mathbf{(1) + \uparrow M2_{-43}(\downarrow m7_{+43})}$

$2244 = 2^2 \bullet 3^1 \bullet 11^1 \bullet 17^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1} = (1) + \uparrow M2_{-42}(\downarrow m7_{+42})$

$2245 = 5^1 \bullet 449^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-27}(\downarrow M2_{+27})^1} = (1) + \uparrow M2_{-41}(\downarrow m7_{+41})$

$2246 = 2^1 \bullet 1123^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M2_{-40}(\downarrow m7_{+40})^1} = (1) + \uparrow M2_{-40}(\downarrow m7_{+40})$

$2247 = 3^1 \bullet 7^1 \bullet 107^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M6_{-10}(\downarrow m3_{+10})^1} = (1) + \uparrow M2_{-39}(\downarrow m7_{+39})$

$2248 = 2^3 \bullet 281^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow M2_{-39}(\downarrow m7_{+39})^1} = (1) + \uparrow M2_{-39}(\downarrow m7_{+39})$

$2249 = 13^1 \bullet 173^1 = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow P4_{+22}(\downarrow P5_{-22})^1} = (1) + \uparrow M2_{-38}(\downarrow m7_{+38})$

$2250 = 2^1 \bullet 3^2 \bullet 5^3 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^3} = (1) + \uparrow M2_{-37}(\downarrow m7_{+37})$

$2251 = 2251^1 = \mathbf{(1) + \uparrow M2_{-36}(\downarrow m7_{+36})}$

$2252 = 2^2 \bullet 563^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M2_{-36}(\downarrow m7_{+36})^1} = (1) + \uparrow M2_{-36}(\downarrow m7_{+36})$

$2253 = 3^1 \bullet 751^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow P5_{-37}(\downarrow P4_{+37})^1} = (1) + \uparrow M2_{-35}(\downarrow m7_{+35})$

$2254 = 2^1 \bullet 7^2 \bullet 23^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^2 + \uparrow tt_{+28}(\downarrow tt_{-28})^1} = (1) + \uparrow M2_{-34}(\downarrow m7_{+34})$

$2255 = 5^1 \bullet 11^1 \bullet 41^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow M3_{+29}(\downarrow m6_{-29})^1} = (1) + \uparrow M2_{-33}(\downarrow m7_{+33})$

$2256 = 2^4 \bullet 3^1 \bullet 47^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow P5_{-34}(\downarrow P4_{+34})^1} = (1) + \uparrow M2_{-33}(\downarrow m7_{+33})$

$2257 = 37^1 \bullet 61^1 = \mathbf{(1) + \uparrow m3_{-49}(\downarrow M6_{+49})^1 + \uparrow M7_{+17}(\downarrow m2_{-17})^1} = (1) + \uparrow M2_{-32}(\downarrow m7_{+32})$

$2258 = 2^1 \bullet 1129^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M2_{-31}(\downarrow m7_{+31})^1} = (1) + \uparrow M2_{-31}(\downarrow m7_{+31})$

$2259 = 3^2 \bullet 251^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow 8ve_{-34}(\downarrow uni_{+34})^1} = (1) + \uparrow M2_{-30}(\downarrow m7_{+30})$

$2260 = 2^2 \bullet 5^1 \bullet 113^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-16}(\downarrow M2_{+16})^1} = (1) + \uparrow M2_{-29}(\downarrow m7_{+29})$

$2261 = 7^1 \bullet 17^1 \bullet 19^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1} = (1) + \uparrow M2_{-29}(\downarrow m7_{+29})$

$2262 = 2^1 \bullet 3^1 \bullet 13^1 \bullet 29^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1} = (1) + \uparrow M2_{-28}(\downarrow m7_{+28})$

$2263 = 31^1 \bullet 73^1 = \mathbf{(1) + \uparrow M7_{+45}(\downarrow m2_{-45})^1 + \uparrow M2_{+28}(\downarrow m7_{-28})^1} = (1) + \uparrow M2_{-27}(\downarrow m7_{+27})$

$2264 = 2^3 \bullet 283^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow M2_{-26}(\downarrow m7_{+26})^1} = (1) + \uparrow M2_{-26}(\downarrow m7_{+26})$

$2265 = 3^1 \bullet 5^1 \bullet 151^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m3_{-14}(\downarrow M6_{+14})^1} = (1) + \uparrow M2_{-26}(\downarrow m7_{+26})$

$2266 = 2^{1}\bullet 11^{1}\bullet 103^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m6_{+24}(\downarrow M3_{-24})^{1}} = (1) + \uparrow M2_{-25}(\downarrow m7_{+25})$

$2267 = 2267^{1} = \mathbf{(1) + \uparrow M2_{-24}(\downarrow m7_{+24})}$

$2268 = 2^{2}\bullet 3^{4}\bullet 7^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{4} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1}} = (1) + \uparrow M2_{-23}(\downarrow m7_{+23})$

$2269 = 2269^{1} = \mathbf{(1) + \uparrow M2_{-23}(\downarrow m7_{+23})}$

$2270 = 2^{1}\bullet 5^{1}\bullet 227^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-8}(\downarrow M2_{+8})^{1}} = (1) + \uparrow M2_{-22}(\downarrow m7_{+22})$

$2271 = 3^{1}\bullet 757^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow P5_{-23}(\downarrow P4_{+23})^{1}} = (1) + \uparrow M2_{-21}(\downarrow m7_{+21})$

$2272 = 2^{5}\bullet 71^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{5} + \uparrow M2_{-20}(\downarrow m7_{+20})^{1}} = (1) + \uparrow M2_{-20}(\downarrow m7_{+20})$

$2273 = 2273^{1} = \mathbf{(1) + \uparrow M2_{-20}(\downarrow m7_{+20})}$

$2274 = 2^{1}\bullet 3^{1}\bullet 379^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow P5_{-21}(\downarrow P4_{+21})^{1}} = (1) + \uparrow M2_{-19}(\downarrow m7_{+19})$

$2275 = 5^{2}\bullet 7^{1}\bullet 13^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1}} = (1) + \uparrow M2_{-18}(\downarrow m7_{+18})$

$2276 = 2^{2}\bullet 569^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M2_{-17}(\downarrow m7_{+17})^{1}} = (1) + \uparrow M2_{-17}(\downarrow m7_{+17})$

$2277 = 3^{2}\bullet 11^{1}\bullet 23^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1}} = (1) + \uparrow M2_{-16}(\downarrow m7_{+16})$

$2278 = 2^{1}\bullet 17^{1}\bullet 67^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow m2_{-21}(\downarrow M7_{+21})^{1}} = (1) + \uparrow M2_{-16}(\downarrow m7_{+16})$

$2279 = 43^{1}\bullet 53^{1} = \mathbf{(1) + \uparrow P4_{+12}(\downarrow P5_{-12})^{1} + \uparrow M6_{-26}(\downarrow m3_{+26})^{1}} = (1) + \uparrow M2_{-15}(\downarrow m7_{+15})$

$2280 = 2^{3}\bullet 3^{1}\bullet 5^{1}\bullet 19^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1}} = (1) + \uparrow M2_{-14}(\downarrow m7_{+14})$

$2281 = 2281^{1} = \mathbf{(1) + \uparrow M2_{-13}(\downarrow m7_{+13})}$

$2282 = 2^{1}\bullet 7^{1}\bullet 163^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M3_{+18}(\downarrow m6_{-18})^{1}} = (1) + \uparrow M2_{-13}(\downarrow m7_{+13})$

$2283 = 3^{1}\bullet 761^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow P5_{-14}(\downarrow P4_{+14})^{1}} = (1) + \uparrow M2_{-12}(\downarrow m7_{+12})$

$2284 = 2^{2}\bullet 571^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M2_{-11}(\downarrow m7_{+11})^{1}} = (1) + \uparrow M2_{-11}(\downarrow m7_{+11})$

$2285 = 5^{1}\bullet 457^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{+3}(\downarrow M2_{-3})^{1}} = (1) + \uparrow M2_{-10}(\downarrow m7_{+10})$

$2286 = 2^{1}\bullet 3^{2}\bullet 127^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow 8ve_{-14}(\downarrow uni_{+14})^{1}} = (1) + \uparrow M2_{-10}(\downarrow m7_{+10})$

$2287 = 2287^{1} = \mathbf{(1) + \uparrow M2_{-9}(\downarrow m7_{+9})}$

$2288 = 2^{4}\bullet 11^{1}\bullet 13^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1}} = (1) + \uparrow M2_{-8}(\downarrow m7_{+8})$

$2289 = 3^{1}\bullet 7^{1}\bullet 109^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M6_{+22}(\downarrow m3_{-22})^{1}} = (1) + \uparrow M2_{-7}(\downarrow m7_{+7})$

$2290 = 2^{1}\bullet 5^{1}\bullet 229^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{+7}(\downarrow M2_{-7})^{1}} = (1) + \uparrow M2_{-7}(\downarrow m7_{+7})$

$2291 = 29^{1}\bullet 79^{1} = \mathbf{(1) + \uparrow m7_{+30}(\downarrow M2_{-30})^{1} + \uparrow M3_{-35}(\downarrow m6_{+35})^{1}} = (1) + \uparrow M2_{-6}(\downarrow m7_{+6})$

$2292 = 2^{2}\bullet 3^{1}\bullet 191^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow P5_{-7}(\downarrow P4_{+7})^{1}} = (1) + \uparrow M2_{-5}(\downarrow m7_{+5})$

$2293 = 2293^{1} = \mathbf{(1) + \uparrow M2_{-4}(\downarrow m7_{+4})}$

$2294 = 2^{1}\bullet 31^{1}\bullet 37^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1} + \uparrow m3_{-49}(\downarrow M6_{+49})^{1}} = (1) + \uparrow M2_{-4}(\downarrow m7_{+4})$

$2295 = 3^{3}\bullet 5^{1}\bullet 17^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1}} = (1) + \uparrow M2_{-3}(\downarrow m7_{+3})$

$2296 = 2^{3}\bullet 7^{1}\bullet 41^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M3_{+29}(\downarrow m6_{-29})^{1}} = (1) + \uparrow M2_{-2}(\downarrow m7_{+2})$

$2297 = 2297^{1} = \mathbf{(1) + \uparrow M2_{-1}(\downarrow m7_{+1})}$

$2298 = 2^{1}\bullet 3^{1}\bullet 383^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow P5_{-3}(\downarrow P4_{+3})^{1}} = (1) + \uparrow M2_{-1}(\downarrow m7_{+1})$

$2299 = 11^{2}\bullet 19^{1} = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^{2} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1}} = (1) + \uparrow M2_{+0}(\downarrow m7_{-0})$

$2300 = 2^{2}\bullet 5^{2}\bullet 23^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1}} = (1) + \uparrow M2_{+1}(\downarrow m7_{-1})$

$2301 = 3^{1}\bullet 13^{1}\bullet 59^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow M7_{-41}(\downarrow m2_{+41})^{1}} = (1) + \uparrow M2_{+2}(\downarrow m7_{-2})$

$2302 = 2^{1}\bullet 1151^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M2_{+2}(\downarrow m7_{-2})^{1}} = (1) + \uparrow M2_{+2}(\downarrow m7_{-2})$

$2303 = 7^{2}\bullet 47^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{2} + \uparrow P5_{-34}(\downarrow P4_{+34})^{1}} = (1) + \uparrow M2_{+3}(\downarrow m7_{-3})$

$2304 = 2^{8}\bullet 3^{2} = \mathbf{(1) + \updownarrow 8ve(uni)^{8} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2}} = (1) + \uparrow M2_{+4}(\downarrow m7_{-4})$

$2305 = 5^{1}\bullet 461^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{+18}(\downarrow M2_{-18})^{1}} = (1) + \uparrow M2_{+5}(\downarrow m7_{-5})$

$2306 = 2^{1}\bullet 1153^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M2_{+5}(\downarrow m7_{-5})^{1}} = (1) + \uparrow M2_{+5}(\downarrow m7_{-5})$

$2307 = 3^{1}\bullet 769^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow P5_{+4}(\downarrow P4_{-4})^{1}} = (1) + \uparrow M2_{+6}(\downarrow m7_{-6})$

$2308 = 2^2 \bullet 577^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M2_{+7}(\downarrow m7_{-7})^1} = (1) + \uparrow M2_{+7}(\downarrow m7_{-7})$

$2309 = 2309^1 = \mathbf{(1) + \uparrow M2_{+8}(\downarrow m7_{-8})}$

$2310 = 2^1 \bullet 3^1 \bullet 5^1 \bullet 7^1 \bullet 11^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1} =$
$(1) + \uparrow M2_{+8}(\downarrow m7_{-8})$

$2311 = 2311^1 = \mathbf{(1) + \uparrow M2_{+9}(\downarrow m7_{-9})}$

$2312 = 2^3 \bullet 17^2 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow m2_{+5}(\downarrow M7_{-5})^2} = (1) + \uparrow M2_{+10}(\downarrow m7_{-10})$

$2313 = 3^2 \bullet 257^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow uni_{+7}(\downarrow 8ve_{-7})^1} = (1) + \uparrow M2_{+11}(\downarrow m7_{-11})$

$2314 = 2^1 \bullet 13^1 \bullet 89^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow tt_{-29}(\downarrow tt_{+29})^1} = (1) + \uparrow M2_{+11}(\downarrow m7_{-11})$

$2315 = 5^1 \bullet 463^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{+26}(\downarrow M2_{-26})^1} = (1) + \uparrow M2_{+12}(\downarrow m7_{-12})$

$2316 = 2^2 \bullet 3^1 \bullet 193^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow P5_{+11}(\downarrow P4_{-11})^1} = (1) + \uparrow M2_{+13}(\downarrow m7_{-13})$

$2317 = 7^1 \bullet 331^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M3_{+45}(\downarrow m6_{-45})^1} = (1) + \uparrow M2_{+14}(\downarrow m7_{-14})$

$2318 = 2^1 \bullet 19^1 \bullet 61^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow M7_{+17}(\downarrow m2_{-17})^1} = (1) + \uparrow M2_{+14}(\downarrow m7_{-14})$

$2319 = 3^1 \bullet 773^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow P5_{+13}(\downarrow P4_{-13})^1} = (1) + \uparrow M2_{+15}(\downarrow m7_{-15})$

$2320 = 2^4 \bullet 5^1 \bullet 29^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1} = (1) + \uparrow M2_{+16}(\downarrow m7_{-16})$

$2321 = 11^1 \bullet 211^1 = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow M6_{-35}(\downarrow m3_{+35})^1} = (1) + \uparrow M2_{+17}(\downarrow m7_{-17})$

$2322 = 2^1 \bullet 3^3 \bullet 43^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow P4_{+12}(\downarrow P5_{-12})^1} = (1) + \uparrow M2_{+17}(\downarrow m7_{-17})$

$2323 = 23^1 \bullet 101^1 = \mathbf{(1) + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow m6_{-10}(\downarrow M3_{+10})^1} = (1) + \uparrow M2_{+18}(\downarrow m7_{-18})$

$2324 = 2^2 \bullet 7^1 \bullet 83^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow P4_{-50}(\downarrow P5_{+50})^1} = (1) + \uparrow M2_{+19}(\downarrow m7_{-19})$

$2325 = 3^1 \bullet 5^2 \bullet 31^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow M7_{+45}(\downarrow m2_{-45})^1} = (1) + \uparrow M2_{+20}(\downarrow m7_{-20})$

$2326 = 2^1 \bullet 1163^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M2_{+20}(\downarrow m7_{-20})^1} = (1) + \uparrow M2_{+20}(\downarrow m7_{-20})$

$2327 = 13^1 \bullet 179^1 = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow tt_{-19}(\downarrow tt_{+19})^1} = (1) + \uparrow M2_{+21}(\downarrow m7_{-21})$

$2328 = 2^3 \bullet 3^1 \bullet 97^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow P5_{+20}(\downarrow P4_{-20})^1} = (1) + \uparrow M2_{+22}(\downarrow m7_{-22})$

$2329 = 17^1 \bullet 137^1 = \mathbf{(1) + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow m2_{+18}(\downarrow M7_{-18})^1} = (1) + \uparrow M2_{+23}(\downarrow m7_{-23})$

$2330 = 2^1 \bullet 5^1 \bullet 233^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{+37}(\downarrow M2_{-37})^1} = (1) + \uparrow M2_{+23}(\downarrow m7_{-23})$

$2331 = 3^2 \bullet 7^1 \bullet 37^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m3_{-49}(\downarrow M6_{+49})^1} = (1) + \uparrow M2_{+24}(\downarrow m7_{-24})$

$2332 = 2^2 \bullet 11^1 \bullet 53^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow M6_{-26}(\downarrow m3_{+26})^1} = (1) + \uparrow M2_{+25}(\downarrow m7_{-25})$

$2333 = 2333^1 = \mathbf{(1) + \uparrow M2_{+26}(\downarrow m7_{-26})}$

$2334 = 2^1 \bullet 3^1 \bullet 389^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow P5_{+24}(\downarrow P4_{-24})^1} = (1) + \uparrow M2_{+26}(\downarrow m7_{-26})$

$2335 = 5^1 \bullet 467^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{+41}(\downarrow M2_{-41})^1} = (1) + \uparrow M2_{+27}(\downarrow m7_{-27})$

$2336 = 2^5 \bullet 73^1 = \mathbf{(1) + \updownarrow 8ve(uni)^5 + \uparrow M2_{+28}(\downarrow m7_{-28})^1} = (1) + \uparrow M2_{+28}(\downarrow m7_{-28})$

$2337 = 3^1 \bullet 19^1 \bullet 41^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow M3_{+29}(\downarrow m6_{-29})^1} = (1) + \uparrow M2_{+29}(\downarrow m7_{-29})$

$2338 = 2^1 \bullet 7^1 \bullet 167^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow P4_{-40}(\downarrow P5_{+40})^1} = (1) + \uparrow M2_{+29}(\downarrow m7_{-29})$

$2339 = 2339^1 = \mathbf{(1) + \uparrow M2_{+30}(\downarrow m7_{-30})}$

$2340 = 2^2 \bullet 3^2 \bullet 5^1 \bullet 13^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1} = (1) + \uparrow M2_{+31}(\downarrow m7_{-31})$

$2341 = 2341^1 = \mathbf{(1) + \uparrow M2_{+31}(\downarrow m7_{-31})}$

$2342 = 2^1 \bullet 1171^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M2_{+32}(\downarrow m7_{-32})^1} = (1) + \uparrow M2_{+32}(\downarrow m7_{-32})$

$2343 = 3^1 \bullet 11^1 \bullet 71^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow M2_{-20}(\downarrow m7_{+20})^1} = (1) + \uparrow M2_{+33}(\downarrow m7_{-33})$

$2344 = 2^3 \bullet 293^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow M2_{+34}(\downarrow m7_{-34})^1} = (1) + \uparrow M2_{+34}(\downarrow m7_{-34})$

$2345 = 5^1 \bullet 7^1 \bullet 67^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m2_{-21}(\downarrow M7_{+21})^1} = (1) + \uparrow M2_{+34}(\downarrow m7_{-34})$

$2346 = 2^1 \bullet 3^1 \bullet 17^1 \bullet 23^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1} = (1) + \uparrow M2_{+35}(\downarrow m7_{-35})$

$2347 = 2347^1 = \mathbf{(1) + \uparrow M2_{+36}(\downarrow m7_{-36})}$

$2348 = 2^2 \bullet 587^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M2_{+37}(\downarrow m7_{-37})^1} = (1) + \uparrow M2_{+37}(\downarrow m7_{-37})$

$2349 = 3^4 \bullet 29^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^4 + \uparrow m7_{+30}(\downarrow M2_{-30})^1} = (1) + \uparrow M2_{+37}(\downarrow m7_{-37})$

$2350 = 2^1 \bullet 5^2 \bullet 47^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow P5_{-34}(\downarrow P4_{+34})^1} = (1) + \uparrow M2_{+38}(\downarrow m7_{-38})$

$2351 = 2351^1 = \mathbf{(1) + \uparrow M2_{+39}(\downarrow m7_{-39})}$

$2352 = 2^4 \bullet 3^1 \bullet 7^2 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^2} = (1) + \uparrow M2_{+40}(\downarrow m7_{-40})$

$2353 = 13^1 \bullet 181^1 = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow tt_{+0}(\downarrow tt_{-0})^1} = (1) + \uparrow M2_{+40}(\downarrow m7_{-40})$

$2354 = 2^1 \bullet 11^1 \bullet 107^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow M6_{-10}(\downarrow m3_{+10})^1} = (1) + \uparrow M2_{+41}(\downarrow m7_{-41})$

$2355 = 3^1 \bullet 5^1 \bullet 157^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M3_{-46}(\downarrow m6_{+46})^1} = (1) + \uparrow M2_{+42}(\downarrow m7_{-42})$

$2356 = 2^2 \bullet 19^1 \bullet 31^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow M7_{+45}(\downarrow m2_{-45})^1} = (1) + \uparrow M2_{+43}(\downarrow m7_{-43})$

$2357 = 2357^1 = \mathbf{(1) + \uparrow M2_{+43}(\downarrow m7_{-43})}$

$2358 = 2^1 \bullet 3^2 \bullet 131^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow uni_{+40}(\downarrow 8ve_{-40})^1} = (1) + \uparrow M2_{+44}(\downarrow m7_{-44})$

$2359 = 7^1 \bullet 337^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow P4_{-24}(\downarrow P5_{+24})^1} = (1) + \uparrow M2_{+45}(\downarrow m7_{-45})$

$2360 = 2^3 \bullet 5^1 \bullet 59^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M7_{-41}(\downarrow m2_{+41})^1} = (1) + \uparrow M2_{+45}(\downarrow m7_{-45})$

$2361 = 3^1 \bullet 787^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow P5_{+44}(\downarrow P4_{-44})^1} = (1) + \uparrow M2_{+46}(\downarrow m7_{-46})$

$2362 = 2^1 \bullet 1181^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M2_{+47}(\downarrow m7_{-47})^1} = (1) + \uparrow M2_{+47}(\downarrow m7_{-47})$

$2363 = 17^1 \bullet 139^1 = \mathbf{(1) + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow m2_{+43}(\downarrow M7_{-43})^1} = (1) + \uparrow M2_{+48}(\downarrow m7_{-48})$

$2364 = 2^2 \bullet 3^1 \bullet 197^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow P5_{+46}(\downarrow P4_{-46})^1} = (1) + \uparrow M2_{+48}(\downarrow m7_{-48})$

$2365 = 5^1 \bullet 11^1 \bullet 43^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow P4_{+12}(\downarrow P5_{-12})^1} = (1) + \uparrow M2_{+49}(\downarrow m7_{-49})$

$2366 = 2^1 \bullet 7^1 \bullet 13^2 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^2} = (1) + \uparrow M2_{+50}(\downarrow m7_{-50})$

$2367 = 3^2 \bullet 263^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow uni_{+47}(\downarrow 8ve_{-47})^1} = (1) + \uparrow m3_{-49}(\downarrow M6_{+49})$

$2368 = 2^6 \bullet 37^1 = \mathbf{(1) + \updownarrow 8ve(uni)^6 + \uparrow m3_{-49}(\downarrow M6_{+49})^1} = (1) + \uparrow m3_{-49}(\downarrow M6_{+49})$

$2369 = 23^1 \bullet 103^1 = \mathbf{(1) + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow m6_{+24}(\downarrow M3_{-24})^1} = (1) + \uparrow m3_{-48}(\downarrow M6_{+48})$

$2370 = 2^1 \bullet 3^1 \bullet 5^1 \bullet 79^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M3_{-35}(\downarrow m6_{+35})^1} = (1) + \uparrow m3_{-47}(\downarrow M6_{+47})$

$2371 = 2371^1 = \mathbf{(1) + \uparrow m3_{-46}(\downarrow M6_{+46})}$

$2372 = 2^2 \bullet 593^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m3_{-46}(\downarrow M6_{+46})^1} = (1) + \uparrow m3_{-46}(\downarrow M6_{+46})$

$2373 = 3^1 \bullet 7^1 \bullet 113^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m7_{-16}(\downarrow M2_{+16})^1} = (1) + \uparrow m3_{-45}(\downarrow M6_{+45})$

$2374 = 2^1 \bullet 1187^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m3_{-44}(\downarrow M6_{+44})^1} = (1) + \uparrow m3_{-44}(\downarrow M6_{+44})$

$2375 = 5^3 \bullet 19^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^3 + \uparrow m3_{-2}(\downarrow M6_{+2})^1} = (1) + \uparrow m3_{-44}(\downarrow M6_{+44})$

$2376 = 2^3 \bullet 3^3 \bullet 11^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow tt_{-49}(\downarrow tt_{+49})^1} = (1) + \uparrow m3_{-43}(\downarrow M6_{+43})$

$2377 = 2377^1 = \mathbf{(1) + \uparrow m3_{-42}(\downarrow M6_{+42})}$

$2378 = 2^1 \bullet 29^1 \bullet 41^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1 + \uparrow M3_{+29}(\downarrow m6_{-29})^1} = (1) + \uparrow m3_{-41}(\downarrow M6_{+41})$

$2379 = 3^1 \bullet 13^1 \bullet 61^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow M7_{+17}(\downarrow m2_{-17})^1} = (1) + \uparrow m3_{-41}(\downarrow M6_{+41})$

$2380 = 2^2 \bullet 5^1 \bullet 7^1 \bullet 17^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1} = (1) + \uparrow m3_{-40}(\downarrow M6_{+40})$

$2381 = 2381^1 = \mathbf{(1) + \uparrow m3_{-39}(\downarrow M6_{+39})}$

$2382 = 2^1 \bullet 3^1 \bullet 397^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m6_{-40}(\downarrow M3_{+40})^1} = (1) + \uparrow m3_{-38}(\downarrow M6_{+38})$

$2383 = 2383^1 = \mathbf{(1) + \uparrow m3_{-38}(\downarrow M6_{+38})}$

$2384 = 2^4 \bullet 149^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow m3_{-37}(\downarrow M6_{+37})^1} = (1) + \uparrow m3_{-37}(\downarrow M6_{+37})$

$2385 = 3^2 \bullet 5^1 \bullet 53^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M6_{-26}(\downarrow m3_{+26})^1} = (1) + \uparrow m3_{-36}(\downarrow M6_{+36})$

$2386 = 2^1 \bullet 1193^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m3_{-36}(\downarrow M6_{+36})^1} = (1) + \uparrow m3_{-36}(\downarrow M6_{+36})$

$2387 = 7^1 \bullet 11^1 \bullet 31^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow M7_{+45}(\downarrow m2_{-45})^1} = (1) + \uparrow m3_{-35}(\downarrow M6_{+35})$

$2388 = 2^2 \bullet 3^1 \bullet 199^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m6_{-36}(\downarrow M3_{+36})^1} = (1) + \uparrow m3_{-34}(\downarrow M6_{+34})$

$2389 = 2389^1 = \mathbf{(1) + \uparrow m3_{-33}(\downarrow M6_{+33})}$

$2390 = 2^1 \bullet 5^1 \bullet 239^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M7_{-19}(\downarrow m2_{+19})^1} = (1) + \uparrow m3_{-33}(\downarrow M6_{+33})$

$2391 = 3^1 \bullet 797^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m6_{-34}(\downarrow M3_{+34})^1} = (1) + \uparrow m3_{-32}(\downarrow M6_{+32})$

$2392 = 2^3 \bullet 13^1 \bullet 23^1 = (1) + \updownarrow 8ve(uni)^3 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1 = (1) + \uparrow m3_{-31}(\downarrow M6_{+31})$

$2393 = 2393^1 = (1) + \uparrow m3_{-30}(\downarrow M6_{+30})$

$2394 = 2^1 \bullet 3^2 \bullet 7^1 \bullet 19^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 = (1) + \uparrow m3_{-30}(\downarrow M6_{+30})$

$2395 = 5^1 \bullet 479^1 = (1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M7_{-15}(\downarrow m2_{+15})^1 = (1) + \uparrow m3_{-29}(\downarrow M6_{+29})$

$2396 = 2^2 \bullet 599^1 = (1) + \updownarrow 8ve(uni)^2 + \uparrow m3_{-28}(\downarrow M6_{+28})^1 = (1) + \uparrow m3_{-28}(\downarrow M6_{+28})$

$2397 = 3^1 \bullet 17^1 \bullet 47^1 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow P5_{-34}(\downarrow P4_{+34})^1 = (1) + \uparrow m3_{-28}(\downarrow M6_{+28})$

$2398 = 2^1 \bullet 11^1 \bullet 109^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow M6_{+22}(\downarrow m3_{-22})^1 = (1) + \uparrow m3_{-27}(\downarrow M6_{+27})$

$2399 = 2399^1 = (1) + \uparrow m3_{-26}(\downarrow M6_{+26})$

$2400 = 2^5 \bullet 3^1 \bullet 5^2 = (1) + \updownarrow 8ve(uni)^5 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^2 = (1) + \uparrow m3_{-25}(\downarrow M6_{+25})$

$2401 = 7^4 = (1) + \uparrow m7_{-31}(\downarrow M2_{+31})^4 = (1) + \uparrow m3_{-25}(\downarrow M6_{+25})$

$2402 = 2^1 \bullet 1201^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow m3_{-24}(\downarrow M6_{+24})^1 = (1) + \uparrow m3_{-24}(\downarrow M6_{+24})$

$2403 = 3^3 \bullet 89^1 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow tt_{-29}(\downarrow tt_{+29})^1 = (1) + \uparrow m3_{-23}(\downarrow M6_{+23})$

$2404 = 2^2 \bullet 601^1 = (1) + \updownarrow 8ve(uni)^2 + \uparrow m3_{-23}(\downarrow M6_{+23})^1 = (1) + \uparrow m3_{-23}(\downarrow M6_{+23})$

$2405 = 5^1 \bullet 13^1 \bullet 37^1 = (1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow m3_{-49}(\downarrow M6_{+49})^1 = (1) + \uparrow m3_{-22}(\downarrow M6_{+22})$

$2406 = 2^1 \bullet 3^1 \bullet 401^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m6_{-23}(\downarrow M3_{+23})^1 = (1) + \uparrow m3_{-21}(\downarrow M6_{+21})$

$2407 = 29^1 \bullet 83^1 = (1) + \uparrow m7_{+30}(\downarrow M2_{-30})^1 + \uparrow P4_{-50}(\downarrow P5_{+50})^1 = (1) + \uparrow m3_{-20}(\downarrow M6_{+20})$

$2408 = 2^3 \bullet 7^1 \bullet 43^1 = (1) + \updownarrow 8ve(uni)^3 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow P4_{+12}(\downarrow P5_{-12})^1 = (1) + \uparrow m3_{-20}(\downarrow M6_{+20})$

$2409 = 3^1 \bullet 11^1 \bullet 73^1 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow M2_{+28}(\downarrow m7_{-28})^1 = (1) + \uparrow m3_{-19}(\downarrow M6_{+19})$

$2410 = 2^1 \bullet 5^1 \bullet 241^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M7_{-5}(\downarrow m2_{+5})^1 = (1) + \uparrow m3_{-18}(\downarrow M6_{+18})$

$2411 = 2411^1 = (1) + \uparrow m3_{-18}(\downarrow M6_{+18})$

$2412 = 2^2 \bullet 3^2 \bullet 67^1 = (1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m2_{-21}(\downarrow M7_{+21})^1 = (1) + \uparrow m3_{-17}(\downarrow M6_{+17})$

$2413 = 19^1 \bullet 127^1 = (1) + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow 8ve_{-14}(\downarrow uni_{+14})^1 = (1) + \uparrow m3_{-16}(\downarrow M6_{+16})$

$2414 = 2^1 \bullet 17^1 \bullet 71^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow M2_{-20}(\downarrow m7_{+20})^1 = (1) + \uparrow m3_{-15}(\downarrow M6_{+15})$

$2415 = 3^1 \bullet 5^1 \bullet 7^1 \bullet 23^1 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1 = (1) + \uparrow m3_{-15}(\downarrow M6_{+15})$

$2416 = 2^4 \bullet 151^1 = (1) + \updownarrow 8ve(uni)^4 + \uparrow m3_{-14}(\downarrow M6_{+14})^1 = (1) + \uparrow m3_{-14}(\downarrow M6_{+14})$

$2417 = 2417^1 = (1) + \uparrow m3_{-13}(\downarrow M6_{+13})$

$2418 = 2^1 \bullet 3^1 \bullet 13^1 \bullet 31^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow M7_{+45}(\downarrow m2_{-45})^1 = (1) + \uparrow m3_{-12}(\downarrow M6_{+12})$

$2419 = 41^1 \bullet 59^1 = (1) + \uparrow M3_{+29}(\downarrow m6_{-29})^1 + \uparrow M7_{-41}(\downarrow m2_{+41})^1 = (1) + \uparrow m3_{-12}(\downarrow M6_{+12})$

$2420 = 2^2 \bullet 5^1 \bullet 11^2 = (1) + \updownarrow 8ve(uni)^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^2 = (1) + \uparrow m3_{-11}(\downarrow M6_{+11})$

$2421 = 3^2 \bullet 269^1 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m2_{-14}(\downarrow M7_{+14})^1 = (1) + \uparrow m3_{-10}(\downarrow M6_{+10})$

$2422 = 2^1 \bullet 7^1 \bullet 173^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow P4_{+22}(\downarrow P5_{-22})^1 = (1) + \uparrow m3_{-10}(\downarrow M6_{+10})$

$2423 = 2423^1 = (1) + \uparrow m3_{-9}(\downarrow M6_{+9})$

$2424 = 2^3 \bullet 3^1 \bullet 101^1 = (1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m6_{-10}(\downarrow M3_{+10})^1 = (1) + \uparrow m3_{-8}(\downarrow M6_{+8})$

$2425 = 5^2 \bullet 97^1 = (1) + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow P5_{+20}(\downarrow P4_{-20})^1 = (1) + \uparrow m3_{-7}(\downarrow M6_{+7})$

$2426 = 2^1 \bullet 1213^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow m3_{-7}(\downarrow M6_{+7})^1 = (1) + \uparrow m3_{-7}(\downarrow M6_{+7})$

$2427 = 3^1 \bullet 809^1 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m6_{-8}(\downarrow M3_{+8})^1 = (1) + \uparrow m3_{-6}(\downarrow M6_{+6})$

$2428 = 2^2 \bullet 607^1 = (1) + \updownarrow 8ve(uni)^2 + \uparrow m3_{-5}(\downarrow M6_{+5})^1 = (1) + \uparrow m3_{-5}(\downarrow M6_{+5})$

$2429 = 7^1 \bullet 347^1 = (1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow P4_{+27}(\downarrow P5_{-27})^1 = (1) + \uparrow m3_{-5}(\downarrow M6_{+5})$

$2430 = 2^1 \bullet 3^5 \bullet 5^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^5 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 = (1) + \uparrow m3_{-4}(\downarrow M6_{+4})$

$2431 = 11^1 \bullet 13^1 \bullet 17^1 = (1) + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 = (1) + \uparrow m3_{-3}(\downarrow M6_{+3})$

$2432 = 2^7 \bullet 19^1 = (1) + \updownarrow 8ve(uni)^7 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 = (1) + \uparrow m3_{-2}(\downarrow M6_{+2})$

$2433 = 3^1 \bullet 811^1 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m6_{-4}(\downarrow M3_{+4})^1 = (1) + \uparrow m3_{-2}(\downarrow M6_{+2})$

$2434 = 2^{1}\bullet 1217^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m3_{-1}(\downarrow M6_{+1})^{1}} = (1) + \uparrow m3_{-1}(\downarrow M6_{+1})$

$2435 = 5^{1}\bullet 487^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M7_{+13}(\downarrow m2_{-13})^{1}} = (1) + \uparrow m3_{+0}(\downarrow M6_{-0})$

$2436 = 2^{2}\bullet 3^{1}\bullet 7^{1}\bullet 29^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1}} = (1) + \uparrow m3_{+0}(\downarrow M6_{-0})$

$2437 = 2437^{1} = \mathbf{(1) + \uparrow m3_{+1}(\downarrow M6_{-1})}$

$2438 = 2^{1}\bullet 23^{1}\bullet 53^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow M6_{-26}(\downarrow m3_{+26})^{1}} = (1) + \uparrow m3_{+2}(\downarrow M6_{-2})$

$2439 = 3^{2}\bullet 271^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m2_{-1}(\downarrow M7_{+1})^{1}} = (1) + \uparrow m3_{+2}(\downarrow M6_{-2})$

$2440 = 2^{3}\bullet 5^{1}\bullet 61^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M7_{+17}(\downarrow m2_{-17})^{1}} = (1) + \uparrow m3_{+3}(\downarrow M6_{-3})$

$2441 = 2441^{1} = \mathbf{(1) + \uparrow m3_{+4}(\downarrow M6_{-4})}$

$2442 = 2^{1}\bullet 3^{1}\bullet 11^{1}\bullet 37^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m3_{-49}(\downarrow M6_{+49})^{1}} = (1) + \uparrow m3_{+5}(\downarrow M6_{-5})$

$2443 = 7^{1}\bullet 349^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow P4_{+36}(\downarrow P5_{-36})^{1}} = (1) + \uparrow m3_{+5}(\downarrow M6_{-5})$

$2444 = 2^{2}\bullet 13^{1}\bullet 47^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow P5_{-34}(\downarrow P4_{+34})^{1}} = (1) + \uparrow m3_{+6}(\downarrow M6_{-6})$

$2445 = 3^{1}\bullet 5^{1}\bullet 163^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M3_{+18}(\downarrow m6_{-18})^{1}} = (1) + \uparrow m3_{+7}(\downarrow M6_{-7})$

$2446 = 2^{1}\bullet 1223^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m3_{+7}(\downarrow M6_{-7})^{1}} = (1) + \uparrow m3_{+7}(\downarrow M6_{-7})$

$2447 = 2447^{1} = \mathbf{(1) + \uparrow m3_{+8}(\downarrow M6_{-8})}$

$2448 = 2^{4}\bullet 3^{2}\bullet 17^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1}} = (1) + \uparrow m3_{+9}(\downarrow M6_{-9})$

$2449 = 31^{1}\bullet 79^{1} = \mathbf{(1) + \uparrow M7_{+45}(\downarrow m2_{-45})^{1} + \uparrow M3_{-35}(\downarrow m6_{+35})^{1}} = (1) + \uparrow m3_{+10}(\downarrow M6_{-10})$

$2450 = 2^{1}\bullet 5^{2}\bullet 7^{2} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{2}} = (1) + \uparrow m3_{+10}(\downarrow M6_{-10})$

$2451 = 3^{1}\bullet 19^{1}\bullet 43^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow P4_{+12}(\downarrow P5_{-12})^{1}} = (1) + \uparrow m3_{+11}(\downarrow M6_{-11})$

$2452 = 2^{2}\bullet 613^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m3_{+12}(\downarrow M6_{-12})^{1}} = (1) + \uparrow m3_{+12}(\downarrow M6_{-12})$

$2453 = 11^{1}\bullet 223^{1} = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m7_{-39}(\downarrow M2_{+39})^{1}} = (1) + \uparrow m3_{+12}(\downarrow M6_{-12})$

$2454 = 2^{1}\bullet 3^{1}\bullet 409^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m6_{+11}(\downarrow M3_{-11})^{1}} = (1) + \uparrow m3_{+13}(\downarrow M6_{-13})$

$2455 = 5^{1}\bullet 491^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M7_{+27}(\downarrow m2_{-27})^{1}} = (1) + \uparrow m3_{+14}(\downarrow M6_{-14})$

$2456 = 2^{3}\bullet 307^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow m3_{+15}(\downarrow M6_{-15})^{1}} = (1) + \uparrow m3_{+15}(\downarrow M6_{-15})$

$2457 = 3^{3}\bullet 7^{1}\bullet 13^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1}} = (1) + \uparrow m3_{+15}(\downarrow M6_{-15})$

$2458 = 2^{1}\bullet 1229^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m3_{+16}(\downarrow M6_{-16})^{1}} = (1) + \uparrow m3_{+16}(\downarrow M6_{-16})$

$2459 = 2459^{1} = \mathbf{(1) + \uparrow m3_{+17}(\downarrow M6_{-17})}$

$2460 = 2^{2}\bullet 3^{1}\bullet 5^{1}\bullet 41^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M3_{+29}(\downarrow m6_{-29})^{1}} = (1) + \uparrow m3_{+17}(\downarrow M6_{-17})$

$2461 = 23^{1}\bullet 107^{1} = \mathbf{(1) + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow M6_{-10}(\downarrow m3_{+10})^{1}} = (1) + \uparrow m3_{+18}(\downarrow M6_{-18})$

$2462 = 2^{1}\bullet 1231^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m3_{+19}(\downarrow M6_{-19})^{1}} = (1) + \uparrow m3_{+19}(\downarrow M6_{-19})$

$2463 = 3^{1}\bullet 821^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m6_{+17}(\downarrow M3_{-17})^{1}} = (1) + \uparrow m3_{+19}(\downarrow M6_{-19})$

$2464 = 2^{5}\bullet 7^{1}\bullet 11^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{5} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1}} = (1) + \uparrow m3_{+20}(\downarrow M6_{-20})$

$2465 = 5^{1}\bullet 17^{1}\bullet 29^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1}} = (1) + \uparrow m3_{+21}(\downarrow M6_{-21})$

$2466 = 2^{1}\bullet 3^{2}\bullet 137^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m2_{+18}(\downarrow M7_{-18})^{1}} = (1) + \uparrow m3_{+22}(\downarrow M6_{-22})$

$2467 = 2467^{1} = \mathbf{(1) + \uparrow m3_{+22}(\downarrow M6_{-22})}$

$2468 = 2^{2}\bullet 617^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m3_{+23}(\downarrow M6_{-23})^{1}} = (1) + \uparrow m3_{+23}(\downarrow M6_{-23})$

$2469 = 3^{1}\bullet 823^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m6_{+22}(\downarrow M3_{-22})^{1}} = (1) + \uparrow m3_{+24}(\downarrow M6_{-24})$

$2470 = 2^{1}\bullet 5^{1}\bullet 13^{1}\bullet 19^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1}} = (1) + \uparrow m3_{+24}(\downarrow M6_{-24})$

$2471 = 7^{1}\bullet 353^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow tt_{-44}(\downarrow tt_{+44})^{1}} = (1) + \uparrow m3_{+25}(\downarrow M6_{-25})$

$2472 = 2^{3}\bullet 3^{1}\bullet 103^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m6_{+24}(\downarrow M3_{-24})^{1}} = (1) + \uparrow m3_{+26}(\downarrow M6_{-26})$

$2473 = 2473^{1} = \mathbf{(1) + \uparrow m3_{+26}(\downarrow M6_{-26})}$

$2474 = 2^{1}\bullet 1237^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m3_{+27}(\downarrow M6_{-27})^{1}} = (1) + \uparrow m3_{+27}(\downarrow M6_{-27})$

$2475 = 3^{2}\bullet 5^{2}\bullet 11^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1}} = (1) + \uparrow m3_{+28}(\downarrow M6_{-28})$

$2476 = 2^{2}\bullet 619^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m3_{+29}(\downarrow M6_{-29})^{1}} = (1) + \uparrow m3_{+29}(\downarrow M6_{-29})$

$2477 = 2477^{1} = \mathbf{(1) + \uparrow m3_{+29}(\downarrow M6_{-29})}$

$2478 = 2^{1}\bullet 3^{1}\bullet 7^{1}\bullet 59^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M7_{-41}(\downarrow m2_{+41})^{1}} = (1) + \uparrow m3_{+30}(\downarrow M6_{-30})$

$2479 = 37^{1}\bullet 67^{1} = \mathbf{(1) + \uparrow m3_{-49}(\downarrow M6_{+49})^{1} + \uparrow m2_{-21}(\downarrow M7_{+21})^{1}} = (1) + \uparrow m3_{+31}(\downarrow M6_{-31})$

$2480 = 2^{4}\bullet 5^{1}\bullet 31^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1}} = (1) + \uparrow m3_{+31}(\downarrow M6_{-31})$

$2481 = 3^{1}\bullet 827^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m6_{+30}(\downarrow M3_{-30})^{1}} = (1) + \uparrow m3_{+32}(\downarrow M6_{-32})$

$2482 = 2^{1}\bullet 17^{1}\bullet 73^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow M2_{+28}(\downarrow m7_{-28})^{1}} = (1) + \uparrow m3_{+33}(\downarrow M6_{-33})$

$2483 = 13^{1}\bullet 191^{1} = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow P5_{-7}(\downarrow P4_{+7})^{1}} = (1) + \uparrow m3_{+33}(\downarrow M6_{-33})$

$2484 = 2^{2}\bullet 3^{3}\bullet 23^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1}} = (1) + \uparrow m3_{+34}(\downarrow M6_{-34})$

$2485 = 5^{1}\bullet 7^{1}\bullet 71^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M2_{-20}(\downarrow m7_{+20})^{1}} = (1) + \uparrow m3_{+35}(\downarrow M6_{-35})$

$2486 = 2^{1}\bullet 11^{1}\bullet 113^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m7_{-16}(\downarrow M2_{+16})^{1}} = (1) + \uparrow m3_{+36}(\downarrow M6_{-36})$

$2487 = 3^{1}\bullet 829^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m6_{+34}(\downarrow M3_{-34})^{1}} = (1) + \uparrow m3_{+36}(\downarrow M6_{-36})$

$2488 = 2^{3}\bullet 311^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow m3_{+37}(\downarrow M6_{-37})^{1}} = (1) + \uparrow m3_{+37}(\downarrow M6_{-37})$

$2489 = 19^{1}\bullet 131^{1} = \mathbf{(1) + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow uni_{+40}(\downarrow 8ve_{-40})^{1}} = (1) + \uparrow m3_{+38}(\downarrow M6_{-38})$

$2490 = 2^{1}\bullet 3^{1}\bullet 5^{1}\bullet 83^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow P4_{-50}(\downarrow P5_{+50})^{1}} = (1) + \uparrow m3_{+38}(\downarrow M6_{-38})$

$2491 = 47^{1}\bullet 53^{1} = \mathbf{(1) + \uparrow P5_{-34}(\downarrow P4_{+34})^{1} + \uparrow M6_{-26}(\downarrow m3_{+26})^{1}} = (1) + \uparrow m3_{+39}(\downarrow M6_{-39})$

$2492 = 2^{2}\bullet 7^{1}\bullet 89^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow tt_{-29}(\downarrow tt_{+29})^{1}} = (1) + \uparrow m3_{+40}(\downarrow M6_{-40})$

$2493 = 3^{2}\bullet 277^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m2_{+36}(\downarrow M7_{-36})^{1}} = (1) + \uparrow m3_{+40}(\downarrow M6_{-40})$

$2494 = 2^{1}\bullet 29^{1}\bullet 43^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1} + \uparrow P4_{+12}(\downarrow P5_{-12})^{1}} = (1) + \uparrow m3_{+41}(\downarrow M6_{-41})$

$2495 = 5^{1}\bullet 499^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow 8ve_{-45}(\downarrow uni_{+45})^{1}} = (1) + \uparrow m3_{+42}(\downarrow M6_{-42})$

$2496 = 2^{6}\bullet 3^{1}\bullet 13^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{6} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1}} = (1) + \uparrow m3_{+42}(\downarrow M6_{-42})$

$2497 = 11^{1}\bullet 227^{1} = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m7_{-8}(\downarrow M2_{+8})^{1}} = (1) + \uparrow m3_{+43}(\downarrow M6_{-43})$

$2498 = 2^{1}\bullet 1249^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m3_{+44}(\downarrow M6_{-44})^{1}} = (1) + \uparrow m3_{+44}(\downarrow M6_{-44})$

$2499 = 3^{1}\bullet 7^{2}\bullet 17^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{2} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1}} = (1) + \uparrow m3_{+45}(\downarrow M6_{-45})$

$2500 = 2^{2}\bullet 5^{4} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{4}} = (1) + \uparrow m3_{+45}(\downarrow M6_{-45})$

$2501 = 41^{1}\bullet 61^{1} = \mathbf{(1) + \uparrow M3_{+29}(\downarrow m6_{-29})^{1} + \uparrow M7_{+17}(\downarrow m2_{-17})^{1}} = (1) + \uparrow m3_{+46}(\downarrow M6_{-46})$

$2502 = 2^{1}\bullet 3^{2}\bullet 139^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m2_{+43}(\downarrow M7_{-43})^{1}} = (1) + \uparrow m3_{+47}(\downarrow M6_{-47})$

$2503 = 2503^{1} = \mathbf{(1) + \uparrow m3_{+47}(\downarrow M6_{-47})}$

$2504 = 2^{3}\bullet 313^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow m3_{+48}(\downarrow M6_{-48})^{1}} = (1) + \uparrow m3_{+48}(\downarrow M6_{-48})$

$2505 = 3^{1}\bullet 5^{1}\bullet 167^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow P4_{-40}(\downarrow P5_{+40})^{1}} = (1) + \uparrow m3_{+49}(\downarrow M6_{-49})$

$2506 = 2^{1}\bullet 7^{1}\bullet 179^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow tt_{-19}(\downarrow tt_{+19})^{1}} = (1) + \uparrow m3_{+49}(\downarrow M6_{-49})$

$2507 = 23^{1}\bullet 109^{1} = \mathbf{(1) + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow M6_{+22}(\downarrow m3_{-22})^{1}} = (1) + \uparrow M3_{-50}(\downarrow m6_{+50})$

$2508 = 2^{2}\bullet 3^{1}\bullet 11^{1}\bullet 19^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1}} = (1) + \uparrow M3_{-49}(\downarrow m6_{+49})$

$2509 = 13^{1}\bullet 193^{1} = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow P5_{+11}(\downarrow P4_{-11})^{1}} = (1) + \uparrow M3_{-49}(\downarrow m6_{+49})$

$2510 = 2^{1}\bullet 5^{1}\bullet 251^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow 8ve_{-34}(\downarrow uni_{+34})^{1}} = (1) + \uparrow M3_{-48}(\downarrow m6_{+48})$

$2511 = 3^{4}\bullet 31^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{4} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1}} = (1) + \uparrow M3_{-47}(\downarrow m6_{+47})$

$2512 = 2^{4}\bullet 157^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow M3_{-46}(\downarrow m6_{+46})^{1}} = (1) + \uparrow M3_{-46}(\downarrow m6_{+46})$

$2513 = 7^{1}\bullet 359^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow tt_{-15}(\downarrow tt_{+15})^{1}} = (1) + \uparrow M3_{-46}(\downarrow m6_{+46})$

$2514 = 2^{1}\bullet 3^{1}\bullet 419^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M6_{-47}(\downarrow m3_{+47})^{1}} = (1) + \uparrow M3_{-45}(\downarrow m6_{+45})$

$2515 = 5^{1}\bullet 503^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow 8ve_{-31}(\downarrow uni_{+31})^{1}} = (1) + \uparrow M3_{-44}(\downarrow m6_{+44})$

$2516 = 2^{2}\bullet 17^{1}\bullet 37^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow m3_{-49}(\downarrow M6_{+49})^{1}} = (1) + \uparrow M3_{-44}(\downarrow m6_{+44})$

$2517 = 3^{1}\bullet 839^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M6_{-45}(\downarrow m3_{+45})^{1}} = (1) + \uparrow M3_{-43}(\downarrow m6_{+43})$

$2518 = 2^1 \bullet 1259^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-42}(\downarrow m6_{+42})^1 = (1) + \uparrow M3_{-42}(\downarrow m6_{+42})$

$2519 = 11^1 \bullet 229^1 = (1) + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m7_{+7}(\downarrow M2_{-7})^1 = (1) + \uparrow M3_{-42}(\downarrow m6_{+42})$

$2520 = 2^3 \bullet 3^2 \bullet 5^1 \bullet 7^1 = (1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 = (1) + \uparrow M3_{-41}(\downarrow m6_{+41})$

$2521 = 2521^1 = (1) + \uparrow M3_{-40}(\downarrow m6_{+40})$

$2522 = 2^1 \bullet 13^1 \bullet 97^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow P5_{+20}(\downarrow P4_{-20})^1 = (1) + \uparrow M3_{-40}(\downarrow m6_{+40})$

$2523 = 3^1 \bullet 29^2 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^2 = (1) + \uparrow M3_{-39}(\downarrow m6_{+39})$

$2524 = 2^2 \bullet 631^1 = (1) + \updownarrow 8ve(uni)^2 + \uparrow M3_{-38}(\downarrow m6_{+38})^1 = (1) + \uparrow M3_{-38}(\downarrow m6_{+38})$

$2525 = 5^2 \bullet 101^1 = (1) + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow m6_{-10}(\downarrow M3_{+10})^1 = (1) + \uparrow M3_{-38}(\downarrow m6_{+38})$

$2526 = 2^1 \bullet 3^1 \bullet 421^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M6_{-39}(\downarrow m3_{+39})^1 = (1) + \uparrow M3_{-37}(\downarrow m6_{+37})$

$2527 = 7^1 \bullet 19^2 = (1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^2 = (1) + \uparrow M3_{-36}(\downarrow m6_{+36})$

$2528 = 2^5 \bullet 79^1 = (1) + \updownarrow 8ve(uni)^5 + \uparrow M3_{-35}(\downarrow m6_{+35})^1 = (1) + \uparrow M3_{-35}(\downarrow m6_{+35})$

$2529 = 3^2 \bullet 281^1 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M2_{-39}(\downarrow m7_{+39})^1 = (1) + \uparrow M3_{-35}(\downarrow m6_{+35})$

$2530 = 2^1 \bullet 5^1 \bullet 11^1 \bullet 23^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1 = (1) + \uparrow M3_{-34}(\downarrow m6_{+34})$

$2531 = 2531^1 = (1) + \uparrow M3_{-33}(\downarrow m6_{+33})$

$2532 = 2^2 \bullet 3^1 \bullet 211^1 = (1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M6_{-35}(\downarrow m3_{+35})^1 = (1) + \uparrow M3_{-33}(\downarrow m6_{+33})$

$2533 = 17^1 \bullet 149^1 = (1) + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow m3_{-37}(\downarrow M6_{+37})^1 = (1) + \uparrow M3_{-32}(\downarrow m6_{+32})$

$2534 = 2^1 \bullet 7^1 \bullet 181^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow tt_{+0}(\downarrow tt_{-0})^1 = (1) + \uparrow M3_{-31}(\downarrow m6_{+31})$

$2535 = 3^1 \bullet 5^1 \bullet 13^2 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^2 = (1) + \uparrow M3_{-31}(\downarrow m6_{+31})$

$2536 = 2^3 \bullet 317^1 = (1) + \updownarrow 8ve(uni)^3 + \uparrow M3_{-30}(\downarrow m6_{+30})^1 = (1) + \uparrow M3_{-30}(\downarrow m6_{+30})$

$2537 = 43^1 \bullet 59^1 = (1) + \uparrow P4_{+12}(\downarrow P5_{-12})^1 + \uparrow M7_{-41}(\downarrow m2_{+41})^1 = (1) + \uparrow M3_{-29}(\downarrow m6_{+29})$

$2538 = 2^1 \bullet 3^3 \bullet 47^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow P5_{-34}(\downarrow P4_{+34})^1 = (1) + \uparrow M3_{-29}(\downarrow m6_{+29})$

$2539 = 2539^1 = (1) + \uparrow M3_{-28}(\downarrow m6_{+28})$

$2540 = 2^2 \bullet 5^1 \bullet 127^1 = (1) + \updownarrow 8ve(uni)^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow 8ve_{-14}(\downarrow uni_{+14})^1 = (1) + \uparrow M3_{-27}(\downarrow m6_{+27})$

$2541 = 3^1 \bullet 7^1 \bullet 11^2 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^2 = (1) + \uparrow M3_{-27}(\downarrow m6_{+27})$

$2542 = 2^1 \bullet 31^1 \bullet 41^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow M7_{+45}(\downarrow m2_{-45})^1 + \uparrow M3_{+29}(\downarrow m6_{-29})^1 = (1) + \uparrow M3_{-26}(\downarrow m6_{+26})$

$2543 = 2543^1 = (1) + \uparrow M3_{-25}(\downarrow m6_{+25})$

$2544 = 2^4 \bullet 3^1 \bullet 53^1 = (1) + \updownarrow 8ve(uni)^4 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M6_{-26}(\downarrow m3_{+26})^1 = (1) + \uparrow M3_{-25}(\downarrow m6_{+25})$

$2545 = 5^1 \bullet 509^1 = (1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow 8ve_{-10}(\downarrow uni_{+10})^1 = (1) + \uparrow M3_{-24}(\downarrow m6_{+24})$

$2546 = 2^1 \bullet 19^1 \bullet 67^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow m2_{-21}(\downarrow M7_{+21})^1 = (1) + \uparrow M3_{-23}(\downarrow m6_{+23})$

$2547 = 3^2 \bullet 283^1 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M2_{-26}(\downarrow m7_{+26})^1 = (1) + \uparrow M3_{-23}(\downarrow m6_{+23})$

$2548 = 2^2 \bullet 7^2 \bullet 13^1 = (1) + \updownarrow 8ve(uni)^2 + \uparrow m7_{-31}(\downarrow M2_{+31})^2 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 = (1) + \uparrow M3_{-22}(\downarrow m6_{+22})$

$2549 = 2549^1 = (1) + \uparrow M3_{-21}(\downarrow m6_{+21})$

$2550 = 2^1 \bullet 3^1 \bullet 5^2 \bullet 17^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 = (1) + \uparrow M3_{-20}(\downarrow m6_{+20})$

$2551 = 2551^1 = (1) + \uparrow M3_{-20}(\downarrow m6_{+20})$

$2552 = 2^3 \bullet 11^1 \bullet 29^1 = (1) + \updownarrow 8ve(uni)^3 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1 = (1) + \uparrow M3_{-19}(\downarrow m6_{+19})$

$2553 = 3^1 \bullet 23^1 \bullet 37^1 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow m3_{-49}(\downarrow M6_{+49})^1 = (1) + \uparrow M3_{-18}(\downarrow m6_{+18})$

$2554 = 2^1 \bullet 1277^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-18}(\downarrow m6_{+18})^1 = (1) + \uparrow M3_{-18}(\downarrow m6_{+18})$

$2555 = 5^1 \bullet 7^1 \bullet 73^1 = (1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M2_{+28}(\downarrow m7_{-28})^1 = (1) + \uparrow M3_{-17}(\downarrow m6_{+17})$

$2556 = 2^2 \bullet 3^2 \bullet 71^1 = (1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M2_{-20}(\downarrow m7_{+20})^1 = (1) + \uparrow M3_{-16}(\downarrow m6_{+16})$

$2557 = 2557^1 = (1) + \uparrow M3_{-16}(\downarrow m6_{+16})$

$2558 = 2^1 \bullet 1279^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-15}(\downarrow m6_{+15})^1 = (1) + \uparrow M3_{-15}(\downarrow m6_{+15})$

$2559 = 3^1 \bullet 853^1 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M6_{-16}(\downarrow m3_{+16})^1 = (1) + \uparrow M3_{-14}(\downarrow m6_{+14})$

$2560 = 2^{9}\bullet5^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{9} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1}} = (1) + \uparrow M3_{-14}(\downarrow m6_{+14})$

$2561 = 13^{1}\bullet197^{1} = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow P5_{+46}(\downarrow P4_{-46})^{1}} = (1) + \uparrow M3_{-13}(\downarrow m6_{+13})$

$2562 = 2^{1}\bullet3^{1}\bullet7^{1}\bullet61^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M7_{+17}(\downarrow m2_{-17})^{1}} = (1) + \uparrow M3_{-12}(\downarrow m6_{+12})$

$2563 = 11^{1}\bullet233^{1} = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m7_{+37}(\downarrow M2_{-37})^{1}} = (1) + \uparrow M3_{-12}(\downarrow m6_{+12})$

$2564 = 2^{2}\bullet641^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M3_{-11}(\downarrow m6_{+11})^{1}} = (1) + \uparrow M3_{-11}(\downarrow m6_{+11})$

$2565 = 3^{3}\bullet5^{1}\bullet19^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1}} = (1) + \uparrow M3_{-10}(\downarrow m6_{+10})$

$2566 = 2^{1}\bullet1283^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-10}(\downarrow m6_{+10})^{1}} = (1) + \uparrow M3_{-10}(\downarrow m6_{+10})$

$2567 = 17^{1}\bullet151^{1} = \mathbf{(1) + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow m3_{-14}(\downarrow M6_{+14})^{1}} = (1) + \uparrow M3_{-9}(\downarrow m6_{+9})$

$2568 = 2^{3}\bullet3^{1}\bullet107^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M6_{-10}(\downarrow m3_{+10})^{1}} = (1) + \uparrow M3_{-8}(\downarrow m6_{+8})$

$2569 = 7^{1}\bullet367^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow tt_{+24}(\downarrow tt_{-24})^{1}} = (1) + \uparrow M3_{-8}(\downarrow m6_{+8})$

$2570 = 2^{1}\bullet5^{1}\bullet257^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow uni_{+7}(\downarrow 8ve_{-7})^{1}} = (1) + \uparrow M3_{-7}(\downarrow m6_{+7})$

$2571 = 3^{1}\bullet857^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M6_{-8}(\downarrow m3_{+8})^{1}} = (1) + \uparrow M3_{-6}(\downarrow m6_{+6})$

$2572 = 2^{2}\bullet643^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M3_{-6}(\downarrow m6_{+6})^{1}} = (1) + \uparrow M3_{-6}(\downarrow m6_{+6})$

$2573 = 31^{1}\bullet83^{1} = \mathbf{(1) + \uparrow M7_{+45}(\downarrow m2_{-45})^{1} + \uparrow P4_{-50}(\downarrow P5_{+50})^{1}} = (1) + \uparrow M3_{-5}(\downarrow m6_{+5})$

$2574 = 2^{1}\bullet3^{2}\bullet11^{1}\bullet13^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1}} = (1) + \uparrow M3_{-4}(\downarrow m6_{+4})$

$2575 = 5^{2}\bullet103^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow m6_{+24}(\downarrow M3_{-24})^{1}} = (1) + \uparrow M3_{-4}(\downarrow m6_{+4})$

$2576 = 2^{4}\bullet7^{1}\bullet23^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1}} = (1) + \uparrow M3_{-3}(\downarrow m6_{+3})$

$2577 = 3^{1}\bullet859^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M6_{-4}(\downarrow m3_{+4})^{1}} = (1) + \uparrow M3_{-2}(\downarrow m6_{+2})$

$2578 = 2^{1}\bullet1289^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-2}(\downarrow m6_{+2})^{1}} = (1) + \uparrow M3_{-2}(\downarrow m6_{+2})$

$2579 = 2579^{1} = \mathbf{(1) + \uparrow M3_{-1}(\downarrow m6_{+1})}$

$2580 = 2^{2}\bullet3^{1}\bullet5^{1}\bullet43^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow P4_{+12}(\downarrow P5_{-12})^{1}} = (1) + \uparrow M3_{+0}(\downarrow m6_{-0})$

$2581 = 29^{1}\bullet89^{1} = \mathbf{(1) + \uparrow m7_{+30}(\downarrow M2_{-30})^{1} + \uparrow tt_{-29}(\downarrow tt_{+29})^{1}} = (1) + \uparrow M3_{+0}(\downarrow m6_{-0})$

$2582 = 2^{1}\bullet1291^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{+1}(\downarrow m6_{-1})^{1}} = (1) + \uparrow M3_{+1}(\downarrow m6_{-1})$

$2583 = 3^{2}\bullet7^{1}\bullet41^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M3_{+29}(\downarrow m6_{-29})^{1}} = (1) + \uparrow M3_{+2}(\downarrow m6_{-2})$

$2584 = 2^{3}\bullet17^{1}\bullet19^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1}} = (1) + \uparrow M3_{+2}(\downarrow m6_{-2})$

$2585 = 5^{1}\bullet11^{1}\bullet47^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow P5_{-34}(\downarrow P4_{+34})^{1}} = (1) + \uparrow M3_{+3}(\downarrow m6_{-3})$

$2586 = 2^{1}\bullet3^{1}\bullet431^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M6_{+2}(\downarrow m3_{-2})^{1}} = (1) + \uparrow M3_{+4}(\downarrow m6_{-4})$

$2587 = 13^{1}\bullet199^{1} = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m6_{-36}(\downarrow M3_{+36})^{1}} = (1) + \uparrow M3_{+4}(\downarrow m6_{-4})$

$2588 = 2^{2}\bullet647^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M3_{+5}(\downarrow m6_{-5})^{1}} = (1) + \uparrow M3_{+5}(\downarrow m6_{-5})$

$2589 = 3^{1}\bullet863^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M6_{+4}(\downarrow m3_{-4})^{1}} = (1) + \uparrow M3_{+6}(\downarrow m6_{-6})$

$2590 = 2^{1}\bullet5^{1}\bullet7^{1}\bullet37^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m3_{-49}(\downarrow M6_{+49})^{1}} = (1) + \uparrow M3_{+6}(\downarrow m6_{-6})$

$2591 = 2591^{1} = \mathbf{(1) + \uparrow M3_{+7}(\downarrow m6_{-7})}$

$2592 = 2^{5}\bullet3^{4} = \mathbf{(1) + \updownarrow 8ve(uni)^{5} + \uparrow P5_{+2}(\downarrow P4_{-2})^{4}} = (1) + \uparrow M3_{+8}(\downarrow m6_{-8})$

$2593 = 2593^{1} = \mathbf{(1) + \uparrow M3_{+8}(\downarrow m6_{-8})}$

$2594 = 2^{1}\bullet1297^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{+9}(\downarrow m6_{-9})^{1}} = (1) + \uparrow M3_{+9}(\downarrow m6_{-9})$

$2595 = 3^{1}\bullet5^{1}\bullet173^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow P4_{+22}(\downarrow P5_{-22})^{1}} = (1) + \uparrow M3_{+10}(\downarrow m6_{-10})$

$2596 = 2^{2}\bullet11^{1}\bullet59^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow M7_{-41}(\downarrow m2_{+41})^{1}} = (1) + \uparrow M3_{+10}(\downarrow m6_{-10})$

$2597 = 7^{2}\bullet53^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{2} + \uparrow M6_{-26}(\downarrow m3_{+26})^{1}} = (1) + \uparrow M3_{+11}(\downarrow m6_{-11})$

$2598 = 2^{1}\bullet3^{1}\bullet433^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M6_{+10}(\downarrow m3_{-10})^{1}} = (1) + \uparrow M3_{+12}(\downarrow m6_{-12})$

$2599 = 23^{1}\bullet113^{1} = \mathbf{(1) + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow m7_{-16}(\downarrow M2_{+16})^{1}} = (1) + \uparrow M3_{+12}(\downarrow m6_{-12})$

$2600 = 2^{3}\bullet5^{2}\bullet13^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1}} = (1) + \uparrow M3_{+13}(\downarrow m6_{-13})$

$2601 = 3^{2}\bullet17^{2} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m2_{+5}(\downarrow M7_{-5})^{2}} = (1) + \uparrow M3_{+14}(\downarrow m6_{-14})$

$2602 = 2^1 \bullet 1301^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{+14}(\downarrow m6_{-14})^1} = (1) + \uparrow M3_{+14}(\downarrow m6_{-14})$

$2603 = 19^1 \bullet 137^1 = \mathbf{(1) + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow m2_{+18}(\downarrow M7_{-18})^1} = (1) + \uparrow M3_{+15}(\downarrow m6_{-15})$

$2604 = 2^2 \bullet 3^1 \bullet 7^1 \bullet 31^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M7_{+45}(\downarrow m2_{-45})^1} = (1) + \uparrow M3_{+16}(\downarrow m6_{-16})$

$2605 = 5^1 \bullet 521^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow uni_{+30}(\downarrow 8ve_{-30})^1} = (1) + \uparrow M3_{+16}(\downarrow m6_{-16})$

$2606 = 2^1 \bullet 1303^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{+17}(\downarrow m6_{-17})^1} = (1) + \uparrow M3_{+17}(\downarrow m6_{-17})$

$2607 = 3^1 \bullet 11^1 \bullet 79^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow M3_{-35}(\downarrow m6_{+35})^1} = (1) + \uparrow M3_{+18}(\downarrow m6_{-18})$

$2608 = 2^4 \bullet 163^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow M3_{+18}(\downarrow m6_{-18})^1} = (1) + \uparrow M3_{+18}(\downarrow m6_{-18})$

$2609 = 2609^1 = \mathbf{(1) + \uparrow M3_{+19}(\downarrow m6_{-19})}$

$2610 = 2^1 \bullet 3^2 \bullet 5^1 \bullet 29^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1} = (1) + \uparrow M3_{+20}(\downarrow m6_{-20})$

$2611 = 7^1 \bullet 373^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow P5_{-48}(\downarrow P4_{+48})^1} = (1) + \uparrow M3_{+20}(\downarrow m6_{-20})$

$2612 = 2^2 \bullet 653^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M3_{+21}(\downarrow m6_{-21})^1} = (1) + \uparrow M3_{+21}(\downarrow m6_{-21})$

$2613 = 3^1 \bullet 13^1 \bullet 67^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow m2_{-21}(\downarrow M7_{+21})^1} = (1) + \uparrow M3_{+22}(\downarrow m6_{-22})$

$2614 = 2^1 \bullet 1307^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{+22}(\downarrow m6_{-22})^1} = (1) + \uparrow M3_{+22}(\downarrow m6_{-22})$

$2615 = 5^1 \bullet 523^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow uni_{+37}(\downarrow 8ve_{-37})^1} = (1) + \uparrow M3_{+23}(\downarrow m6_{-23})$

$2616 = 2^3 \bullet 3^1 \bullet 109^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M6_{+22}(\downarrow m3_{-22})^1} = (1) + \uparrow M3_{+24}(\downarrow m6_{-24})$

$2617 = 2617^1 = \mathbf{(1) + \uparrow M3_{+24}(\downarrow m6_{-24})}$

$2618 = 2^1 \bullet 7^1 \bullet 11^1 \bullet 17^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1} = (1) + \uparrow M3_{+25}(\downarrow m6_{-25})$

$2619 = 3^3 \bullet 97^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow P5_{+20}(\downarrow P4_{-20})^1} = (1) + \uparrow M3_{+26}(\downarrow m6_{-26})$

$2620 = 2^2 \bullet 5^1 \bullet 131^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow uni_{+40}(\downarrow 8ve_{-40})^1} = (1) + \uparrow M3_{+26}(\downarrow m6_{-26})$

$2621 = 2621^1 = \mathbf{(1) + \uparrow M3_{+27}(\downarrow m6_{-27})}$

$2622 = 2^1 \bullet 3^1 \bullet 19^1 \bullet 23^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1} = (1) + \uparrow M3_{+28}(\downarrow m6_{-28})$

$2623 = 43^1 \bullet 61^1 = \mathbf{(1) + \uparrow P4_{+12}(\downarrow P5_{-12})^1 + \uparrow M7_{+17}(\downarrow m2_{-17})^1} = (1) + \uparrow M3_{+28}(\downarrow m6_{-28})$

$2624 = 2^6 \bullet 41^1 = \mathbf{(1) + \updownarrow 8ve(uni)^6 + \uparrow M3_{+29}(\downarrow m6_{-29})^1} = (1) + \uparrow M3_{+29}(\downarrow m6_{-29})$

$2625 = 3^1 \bullet 5^3 \bullet 7^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^3 + \uparrow m7_{-31}(\downarrow M2_{+31})^1} = (1) + \uparrow M3_{+30}(\downarrow m6_{-30})$

$2626 = 2^1 \bullet 13^1 \bullet 101^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow m6_{-10}(\downarrow M3_{+10})^1} = (1) + \uparrow M3_{+30}(\downarrow m6_{-30})$

$2627 = 37^1 \bullet 71^1 = \mathbf{(1) + \uparrow m3_{-49}(\downarrow M6_{+49})^1 + \uparrow M2_{-20}(\downarrow m7_{+20})^1} = (1) + \uparrow M3_{+31}(\downarrow m6_{-31})$

$2628 = 2^2 \bullet 3^2 \bullet 73^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M2_{+28}(\downarrow m7_{-28})^1} = (1) + \uparrow M3_{+32}(\downarrow m6_{-32})$

$2629 = 11^1 \bullet 239^1 = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow M7_{-19}(\downarrow m2_{+19})^1} = (1) + \uparrow M3_{+32}(\downarrow m6_{-32})$

$2630 = 2^1 \bullet 5^1 \bullet 263^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow uni_{+47}(\downarrow 8ve_{-47})^1} = (1) + \uparrow M3_{+33}(\downarrow m6_{-33})$

$2631 = 3^1 \bullet 877^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M6_{+32}(\downarrow m3_{-32})^1} = (1) + \uparrow M3_{+34}(\downarrow m6_{-34})$

$2632 = 2^3 \bullet 7^1 \bullet 47^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow P5_{-34}(\downarrow P4_{+34})^1} = (1) + \uparrow M3_{+34}(\downarrow m6_{-34})$

$2633 = 2633^1 = \mathbf{(1) + \uparrow M3_{+35}(\downarrow m6_{-35})}$

$2634 = 2^1 \bullet 3^1 \bullet 439^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M6_{+34}(\downarrow m3_{-34})^1} = (1) + \uparrow M3_{+36}(\downarrow m6_{-36})$

$2635 = 5^1 \bullet 17^1 \bullet 31^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow M7_{+45}(\downarrow m2_{-45})^1} = (1) + \uparrow M3_{+36}(\downarrow m6_{-36})$

$2636 = 2^2 \bullet 659^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M3_{+37}(\downarrow m6_{-37})^1} = (1) + \uparrow M3_{+37}(\downarrow m6_{-37})$

$2637 = 3^2 \bullet 293^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M2_{+34}(\downarrow m7_{-34})^1} = (1) + \uparrow M3_{+38}(\downarrow m6_{-38})$

$2638 = 2^1 \bullet 1319^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{+38}(\downarrow m6_{-38})^1} = (1) + \uparrow M3_{+38}(\downarrow m6_{-38})$

$2639 = 7^1 \bullet 13^1 \bullet 29^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1} = (1) + \uparrow M3_{+39}(\downarrow m6_{-39})$

$2640 = 2^4 \bullet 3^1 \bullet 5^1 \bullet 11^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1} = (1) + \uparrow M3_{+40}(\downarrow m6_{-40})$

$2641 = 19^1 \bullet 139^1 = \mathbf{(1) + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow m2_{+43}(\downarrow M7_{-43})^1} = (1) + \uparrow M3_{+40}(\downarrow m6_{-40})$

$2642 = 2^1 \bullet 1321^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{+41}(\downarrow m6_{-41})^1} = (1) + \uparrow M3_{+41}(\downarrow m6_{-41})$

$2643 = 3^1 \bullet 881^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M6_{+40}(\downarrow m3_{-40})^1} = (1) + \uparrow M3_{+42}(\downarrow m6_{-42})$

$2644 = 2^{2}\bullet 661^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M3_{+42}(\downarrow m6_{-42})^{1}} = (1) + \uparrow M3_{+42}(\downarrow m6_{-42})$

$2645 = 5^{1}\bullet 23^{2} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{2}} = (1) + \uparrow M3_{+43}(\downarrow m6_{-43})$

$2646 = 2^{1}\bullet 3^{3}\bullet 7^{2} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow m7_{-31}(\downarrow M2_{+31})^{2}} = (1) + \uparrow M3_{+44}(\downarrow m6_{-44})$

$2647 = 2647^{1} = \mathbf{(1) + \uparrow M3_{+44}(\downarrow m6_{-44})}$

$2648 = 2^{3}\bullet 331^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow M3_{+45}(\downarrow m6_{-45})^{1}} = (1) + \uparrow M3_{+45}(\downarrow m6_{-45})$

$2649 = 3^{1}\bullet 883^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M6_{+44}(\downarrow m3_{-44})^{1}} = (1) + \uparrow M3_{+45}(\downarrow m6_{-45})$

$2650 = 2^{1}\bullet 5^{2}\bullet 53^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow M6_{-26}(\downarrow m3_{+26})^{1}} = (1) + \uparrow M3_{+46}(\downarrow m6_{-46})$

$2651 = 11^{1}\bullet 241^{1} = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow M7_{-5}(\downarrow m2_{+5})^{1}} = (1) + \uparrow M3_{+47}(\downarrow m6_{-47})$

$2652 = 2^{2}\bullet 3^{1}\bullet 13^{1}\bullet 17^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1}} = (1) + \uparrow M3_{+47}(\downarrow m6_{-47})$

$2653 = 7^{1}\bullet 379^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow P5_{-21}(\downarrow P4_{+21})^{1}} = (1) + \uparrow M3_{+48}(\downarrow m6_{-48})$

$2654 = 2^{1}\bullet 1327^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{+49}(\downarrow m6_{-49})^{1}} = (1) + \uparrow M3_{+49}(\downarrow m6_{-49})$

$2655 = 3^{2}\bullet 5^{1}\bullet 59^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M7_{-41}(\downarrow m2_{+41})^{1}} = (1) + \uparrow M3_{+49}(\downarrow m6_{-49})$

$2656 = 2^{5}\bullet 83^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{5} + \uparrow P4_{-50}(\downarrow P5_{+50})^{1}} = (1) + \uparrow P4_{-50}(\downarrow P5_{+50})$

$2657 = 2657^{1} = \mathbf{(1) + \uparrow P4_{-49}(\downarrow P5_{+49})}$

$2658 = 2^{1}\bullet 3^{1}\bullet 443^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M6_{+49}(\downarrow m3_{-49})^{1}} = (1) + \uparrow P4_{-49}(\downarrow P5_{+49})$

$2659 = 2659^{1} = \mathbf{(1) + \uparrow P4_{-48}(\downarrow P5_{+48})}$

$2660 = 2^{2}\bullet 5^{1}\bullet 7^{1}\bullet 19^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1}} = (1) + \uparrow P4_{-47}(\downarrow P5_{+47})$

$2661 = 3^{1}\bullet 887^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-49}(\downarrow M2_{+49})^{1}} = (1) + \uparrow P4_{-47}(\downarrow P5_{+47})$

$2662 = 2^{1}\bullet 11^{3} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{3}} = (1) + \uparrow P4_{-46}(\downarrow P5_{+46})$

$2663 = 2663^{1} = \mathbf{(1) + \uparrow P4_{-45}(\downarrow P5_{+45})}$

$2664 = 2^{3}\bullet 3^{2}\bullet 37^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m3_{-49}(\downarrow M6_{+49})^{1}} = (1) + \uparrow P4_{-45}(\downarrow P5_{+45})$

$2665 = 5^{1}\bullet 13^{1}\bullet 41^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow M3_{+29}(\downarrow m6_{-29})^{1}} = (1) + \uparrow P4_{-44}(\downarrow P5_{+44})$

$2666 = 2^{1}\bullet 31^{1}\bullet 43^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1} + \uparrow P4_{+12}(\downarrow P5_{-12})^{1}} = (1) + \uparrow P4_{-43}(\downarrow P5_{+43})$

$2667 = 3^{1}\bullet 7^{1}\bullet 127^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow 8ve_{-14}(\downarrow uni_{+14})^{1}} = (1) + \uparrow P4_{-43}(\downarrow P5_{+43})$

$2668 = 2^{2}\bullet 23^{1}\bullet 29^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1}} = (1) + \uparrow P4_{-42}(\downarrow P5_{+42})$

$2669 = 17^{1}\bullet 157^{1} = \mathbf{(1) + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow M3_{-46}(\downarrow m6_{+46})^{1}} = (1) + \uparrow P4_{-41}(\downarrow P5_{+41})$

$2670 = 2^{1}\bullet 3^{1}\bullet 5^{1}\bullet 89^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{-29}(\downarrow tt_{+29})^{1}} = (1) + \uparrow P4_{-41}(\downarrow P5_{+41})$

$2671 = 2671^{1} = \mathbf{(1) + \uparrow P4_{-40}(\downarrow P5_{+40})}$

$2672 = 2^{4}\bullet 167^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow P4_{-40}(\downarrow P5_{+40})^{1}} = (1) + \uparrow P4_{-40}(\downarrow P5_{+40})$

$2673 = 3^{5}\bullet 11^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{5} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1}} = (1) + \uparrow P4_{-39}(\downarrow P5_{+39})$

$2674 = 2^{1}\bullet 7^{1}\bullet 191^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow P5_{-7}(\downarrow P4_{+7})^{1}} = (1) + \uparrow P4_{-38}(\downarrow P5_{+38})$

$2675 = 5^{2}\bullet 107^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow M6_{-10}(\downarrow m3_{+10})^{1}} = (1) + \uparrow P4_{-38}(\downarrow P5_{+38})$

$2676 = 2^{2}\bullet 3^{1}\bullet 223^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-39}(\downarrow M2_{+39})^{1}} = (1) + \uparrow P4_{-37}(\downarrow P5_{+37})$

$2677 = 2677^{1} = \mathbf{(1) + \uparrow P4_{-36}(\downarrow P5_{+36})}$

$2678 = 2^{1}\bullet 13^{1}\bullet 103^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m6_{+24}(\downarrow M3_{-24})^{1}} = (1) + \uparrow P4_{-36}(\downarrow P5_{+36})$

$2679 = 3^{1}\bullet 19^{1}\bullet 47^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow P5_{-34}(\downarrow P4_{+34})^{1}} = (1) + \uparrow P4_{-35}(\downarrow P5_{+35})$

$2680 = 2^{3}\bullet 5^{1}\bullet 67^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m2_{-21}(\downarrow M7_{+21})^{1}} = (1) + \uparrow P4_{-34}(\downarrow P5_{+34})$

$2681 = 7^{1}\bullet 383^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow P5_{-3}(\downarrow P4_{+3})^{1}} = (1) + \uparrow P4_{-34}(\downarrow P5_{+34})$

$2682 = 2^{1}\bullet 3^{2}\bullet 149^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m3_{-37}(\downarrow M6_{+37})^{1}} = (1) + \uparrow P4_{-33}(\downarrow P5_{+33})$

$2683 = 2683^{1} = \mathbf{(1) + \uparrow P4_{-32}(\downarrow P5_{+32})}$

$2684 = 2^{2}\bullet 11^{1}\bullet 61^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow M7_{+17}(\downarrow m2_{-17})^{1}} = (1) + \uparrow P4_{-32}(\downarrow P5_{+32})$

$2685 = 3^{1}\bullet 5^{1}\bullet 179^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{-19}(\downarrow tt_{+19})^{1}} = (1) + \uparrow P4_{-31}(\downarrow P5_{+31})$

$2686 = 2^1 \bullet 17^1 \bullet 79^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow M3_{-35}(\downarrow m6_{+35})^1} = (1) + \uparrow P4_{-31}(\downarrow P5_{+31})$

$2687 = 2687^1 = \mathbf{(1) + \uparrow P4_{-30}(\downarrow P5_{+30})}$

$2688 = 2^7 \bullet 3^1 \bullet 7^1 = \mathbf{(1) + \updownarrow 8ve(uni)^7 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1} = (1) + \uparrow P4_{-29}(\downarrow P5_{+29})$

$2689 = 2689^1 = \mathbf{(1) + \uparrow P4_{-29}(\downarrow P5_{+29})}$

$2690 = 2^1 \bullet 5^1 \bullet 269^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m2_{-14}(\downarrow M7_{+14})^1} = (1) + \uparrow P4_{-28}(\downarrow P5_{+28})$

$2691 = 3^2 \bullet 13^1 \bullet 23^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1} = (1) + \uparrow P4_{-27}(\downarrow P5_{+27})$

$2692 = 2^2 \bullet 673^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P4_{-27}(\downarrow P5_{+27})^1} = (1) + \uparrow P4_{-27}(\downarrow P5_{+27})$

$2693 = 2693^1 = \mathbf{(1) + \uparrow P4_{-26}(\downarrow P5_{+26})}$

$2694 = 2^1 \bullet 3^1 \bullet 449^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-27}(\downarrow M2_{+27})^1} = (1) + \uparrow P4_{-25}(\downarrow P5_{+25})$

$2695 = 5^1 \bullet 7^2 \bullet 11^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^2 + \uparrow tt_{-49}(\downarrow tt_{+49})^1} = (1) + \uparrow P4_{-25}(\downarrow P5_{+25})$

$2696 = 2^3 \bullet 337^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow P4_{-24}(\downarrow P5_{+24})^1} = (1) + \uparrow P4_{-24}(\downarrow P5_{+24})$

$2697 = 3^1 \bullet 29^1 \bullet 31^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1 + \uparrow M7_{+45}(\downarrow m2_{-45})^1} = (1) + \uparrow P4_{-23}(\downarrow P5_{+23})$

$2698 = 2^1 \bullet 19^1 \bullet 71^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow M2_{-20}(\downarrow m7_{+20})^1} = (1) + \uparrow P4_{-23}(\downarrow P5_{+23})$

$2699 = 2699^1 = \mathbf{(1) + \uparrow P4_{-22}(\downarrow P5_{+22})}$

$2700 = 2^2 \bullet 3^3 \bullet 5^2 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow M3_{-14}(\downarrow m6_{+14})^2} = (1) + \uparrow P4_{-22}(\downarrow P5_{+22})$

$2701 = 37^1 \bullet 73^1 = \mathbf{(1) + \uparrow m3_{-49}(\downarrow M6_{+49})^1 + \uparrow M2_{+28}(\downarrow m7_{-28})^1} = (1) + \uparrow P4_{-21}(\downarrow P5_{+21})$

$2702 = 2^1 \bullet 7^1 \bullet 193^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow P5_{+11}(\downarrow P4_{-11})^1} = (1) + \uparrow P4_{-20}(\downarrow P5_{+20})$

$2703 = 3^1 \bullet 17^1 \bullet 53^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow M6_{-26}(\downarrow m3_{+26})^1} = (1) + \uparrow P4_{-20}(\downarrow P5_{+20})$

$2704 = 2^4 \bullet 13^2 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow m6_{+41}(\downarrow M3_{-41})^2} = (1) + \uparrow P4_{-19}(\downarrow P5_{+19})$

$2705 = 5^1 \bullet 541^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m2_{-5}(\downarrow M7_{+5})^1} = (1) + \uparrow P4_{-18}(\downarrow P5_{+18})$

$2706 = 2^1 \bullet 3^1 \bullet 11^1 \bullet 41^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow M3_{+29}(\downarrow m6_{-29})^1} = (1) + \uparrow P4_{-18}(\downarrow P5_{+18})$

$2707 = 2707^1 = \mathbf{(1) + \uparrow P4_{-17}(\downarrow P5_{+17})}$

$2708 = 2^2 \bullet 677^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P4_{-16}(\downarrow P5_{+16})^1} = (1) + \uparrow P4_{-16}(\downarrow P5_{+16})$

$2709 = 3^2 \bullet 7^1 \bullet 43^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow P4_{+12}(\downarrow P5_{-12})^1} = (1) + \uparrow P4_{-16}(\downarrow P5_{+16})$

$2710 = 2^1 \bullet 5^1 \bullet 271^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m2_{-1}(\downarrow M7_{+1})^1} = (1) + \uparrow P4_{-15}(\downarrow P5_{+15})$

$2711 = 2711^1 = \mathbf{(1) + \uparrow P4_{-14}(\downarrow P5_{+14})}$

$2712 = 2^3 \bullet 3^1 \bullet 113^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-16}(\downarrow M2_{+16})^1} = (1) + \uparrow P4_{-14}(\downarrow P5_{+14})$

$2713 = 2713^1 = \mathbf{(1) + \uparrow P4_{-13}(\downarrow P5_{+13})}$

$2714 = 2^1 \bullet 23^1 \bullet 59^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow M7_{-41}(\downarrow m2_{+41})^1} = (1) + \uparrow P4_{-13}(\downarrow P5_{+13})$

$2715 = 3^1 \bullet 5^1 \bullet 181^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{+0}(\downarrow tt_{-0})^1} = (1) + \uparrow P4_{-12}(\downarrow P5_{+12})$

$2716 = 2^2 \bullet 7^1 \bullet 97^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow P5_{+20}(\downarrow P4_{-20})^1} = (1) + \uparrow P4_{-11}(\downarrow P5_{+11})$

$2717 = 11^1 \bullet 13^1 \bullet 19^1 = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1} = (1) + \uparrow P4_{-11}(\downarrow P5_{+11})$

$2718 = 2^1 \bullet 3^2 \bullet 151^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m3_{-14}(\downarrow M6_{+14})^1} = (1) + \uparrow P4_{-10}(\downarrow P5_{+10})$

$2719 = 2719^1 = \mathbf{(1) + \uparrow P4_{-9}(\downarrow P5_{+9})}$

$2720 = 2^5 \bullet 5^1 \bullet 17^1 = \mathbf{(1) + \updownarrow 8ve(uni)^5 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1} = (1) + \uparrow P4_{-9}(\downarrow P5_{+9})$

$2721 = 3^1 \bullet 907^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-10}(\downarrow M2_{+10})^1} = (1) + \uparrow P4_{-8}(\downarrow P5_{+8})$

$2722 = 2^1 \bullet 1361^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P4_{-7}(\downarrow P5_{+7})^1} = (1) + \uparrow P4_{-7}(\downarrow P5_{+7})$

$2723 = 7^1 \bullet 389^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow P5_{+24}(\downarrow P4_{-24})^1} = (1) + \uparrow P4_{-7}(\downarrow P5_{+7})$

$2724 = 2^2 \bullet 3^1 \bullet 227^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-8}(\downarrow M2_{+8})^1} = (1) + \uparrow P4_{-6}(\downarrow P5_{+6})$

$2725 = 5^2 \bullet 109^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow M6_{+22}(\downarrow m3_{-22})^1} = (1) + \uparrow P4_{-6}(\downarrow P5_{+6})$

$2726 = 2^1 \bullet 29^1 \bullet 47^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1 + \uparrow P5_{-34}(\downarrow P4_{+34})^1} = (1) + \uparrow P4_{-5}(\downarrow P5_{+5})$

$2727 = 3^3 \bullet 101^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow m6_{-10}(\downarrow M3_{+10})^1} = (1) + \uparrow P4_{-4}(\downarrow P5_{+4})$

$2728 = 2^3 \bullet 11^1 \bullet 31^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow M7_{+45}(\downarrow m2_{-45})^1} = (1) + \uparrow P4_{-4}(\downarrow P5_{+4})$

$2729 = 2729^1 = \mathbf{(1) + \uparrow P4_{-3}(\downarrow P5_{+3})}$

$2730 = 2^1 \bullet 3^1 \bullet 5^1 \bullet 7^1 \bullet 13^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1} =$
$(1) + \uparrow P4_{-2}(\downarrow P5_{+2})$

$2731 = 2731^1 = \mathbf{(1) + \uparrow P4_{-2}(\downarrow P5_{+2})}$

$2732 = 2^2 \bullet 683^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P4_{-1}(\downarrow P5_{+1})^1} = (1) + \uparrow P4_{-1}(\downarrow P5_{+1})$

$2733 = 3^1 \bullet 911^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-2}(\downarrow M2_{+2})^1} = (1) + \uparrow P4_{+0}(\downarrow P5_{-0})$

$2734 = 2^1 \bullet 1367^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P4_{+0}(\downarrow P5_{-0})^1} = (1) + \uparrow P4_{+0}(\downarrow P5_{-0})$

$2735 = 5^1 \bullet 547^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m2_{+14}(\downarrow M7_{-14})^1} = (1) + \uparrow P4_{+1}(\downarrow P5_{-1})$

$2736 = 2^4 \bullet 3^2 \bullet 19^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m3_{-2}(\downarrow M6_{+2})^1} = (1) + \uparrow P4_{+1}(\downarrow P5_{-1})$

$2737 = 7^1 \bullet 17^1 \bullet 23^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1} = (1) + \uparrow P4_{+2}(\downarrow P5_{-2})$

$2738 = 2^1 \bullet 37^2 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m3_{-49}(\downarrow M6_{+49})^2} = (1) + \uparrow P4_{+3}(\downarrow P5_{-3})$

$2739 = 3^1 \bullet 11^1 \bullet 83^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow P4_{-50}(\downarrow P5_{+50})^1} = (1) + \uparrow P4_{+3}(\downarrow P5_{-3})$

$2740 = 2^2 \bullet 5^1 \bullet 137^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m2_{+18}(\downarrow M7_{-18})^1} = (1) + \uparrow P4_{+4}(\downarrow P5_{-4})$

$2741 = 2741^1 = \mathbf{(1) + \uparrow P4_{+5}(\downarrow P5_{-5})}$

$2742 = 2^1 \bullet 3^1 \bullet 457^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{+3}(\downarrow M2_{-3})^1} = (1) + \uparrow P4_{+5}(\downarrow P5_{-5})$

$2743 = 13^1 \bullet 211^1 = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow M6_{-35}(\downarrow m3_{+35})^1} = (1) + \uparrow P4_{+6}(\downarrow P5_{-6})$

$2744 = 2^3 \bullet 7^3 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow m7_{-31}(\downarrow M2_{+31})^3} = (1) + \uparrow P4_{+6}(\downarrow P5_{-6})$

$2745 = 3^2 \bullet 5^1 \bullet 61^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M7_{+17}(\downarrow m2_{-17})^1} = (1) + \uparrow P4_{+7}(\downarrow P5_{-7})$

$2746 = 2^1 \bullet 1373^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P4_{+8}(\downarrow P5_{-8})^1} = (1) + \uparrow P4_{+8}(\downarrow P5_{-8})$

$2747 = 41^1 \bullet 67^1 = \mathbf{(1) + \uparrow M3_{+29}(\downarrow m6_{-29})^1 + \uparrow m2_{-21}(\downarrow M7_{+21})^1} = (1) + \uparrow P4_{+8}(\downarrow P5_{-8})$

$2748 = 2^2 \bullet 3^1 \bullet 229^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{+7}(\downarrow M2_{-7})^1} = (1) + \uparrow P4_{+9}(\downarrow P5_{-9})$

$2749 = 2749^1 = \mathbf{(1) + \uparrow P4_{+10}(\downarrow P5_{-10})}$

$2750 = 2^1 \bullet 5^3 \bullet 11^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^3 + \uparrow tt_{-49}(\downarrow tt_{+49})^1} = (1) + \uparrow P4_{+10}(\downarrow P5_{-10})$

$2751 = 3^1 \bullet 7^1 \bullet 131^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow uni_{+40}(\downarrow 8ve_{-40})^1} = (1) + \uparrow P4_{+11}(\downarrow P5_{-11})$

$2752 = 2^6 \bullet 43^1 = \mathbf{(1) + \updownarrow 8ve(uni)^6 + \uparrow P4_{+12}(\downarrow P5_{-12})^1} = (1) + \uparrow P4_{+12}(\downarrow P5_{-12})$

$2753 = 2753^1 = \mathbf{(1) + \uparrow P4_{+12}(\downarrow P5_{-12})}$

$2754 = 2^1 \bullet 3^4 \bullet 17^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^4 + \uparrow m2_{+5}(\downarrow M7_{-5})^1} = (1) + \uparrow P4_{+13}(\downarrow P5_{-13})$

$2755 = 5^1 \bullet 19^1 \bullet 29^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1} = (1) + \uparrow P4_{+13}(\downarrow P5_{-13})$

$2756 = 2^2 \bullet 13^1 \bullet 53^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow M6_{-26}(\downarrow m3_{+26})^1} = (1) + \uparrow P4_{+14}(\downarrow P5_{-14})$

$2757 = 3^1 \bullet 919^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{+13}(\downarrow M2_{-13})^1} = (1) + \uparrow P4_{+15}(\downarrow P5_{-15})$

$2758 = 2^1 \bullet 7^1 \bullet 197^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow P5_{+46}(\downarrow P4_{-46})^1} = (1) + \uparrow P4_{+15}(\downarrow P5_{-15})$

$2759 = 31^1 \bullet 89^1 = \mathbf{(1) + \uparrow M7_{+45}(\downarrow m2_{-45})^1 + \uparrow tt_{-29}(\downarrow tt_{+29})^1} = (1) + \uparrow P4_{+16}(\downarrow P5_{-16})$

$2760 = 2^3 \bullet 3^1 \bullet 5^1 \bullet 23^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1} = (1) + \uparrow P4_{+17}(\downarrow P5_{-17})$

$2761 = 11^1 \bullet 251^1 = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow 8ve_{-34}(\downarrow uni_{+34})^1} = (1) + \uparrow P4_{+17}(\downarrow P5_{-17})$

$2762 = 2^1 \bullet 1381^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P4_{+18}(\downarrow P5_{-18})^1} = (1) + \uparrow P4_{+18}(\downarrow P5_{-18})$

$2763 = 3^2 \bullet 307^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m3_{+15}(\downarrow M6_{-15})^1} = (1) + \uparrow P4_{+18}(\downarrow P5_{-18})$

$2764 = 2^2 \bullet 691^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P4_{+19}(\downarrow P5_{-19})^1} = (1) + \uparrow P4_{+19}(\downarrow P5_{-19})$

$2765 = 5^1 \bullet 7^1 \bullet 79^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M3_{-35}(\downarrow m6_{+35})^1} = (1) + \uparrow P4_{+20}(\downarrow P5_{-20})$

$2766 = 2^1 \bullet 3^1 \bullet 461^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{+18}(\downarrow M2_{-18})^1} = (1) + \uparrow P4_{+20}(\downarrow P5_{-20})$

$2767 = 2767^1 = \mathbf{(1) + \uparrow P4_{+21}(\downarrow P5_{-21})}$

$2768 = 2^4 \bullet 173^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow P4_{+22}(\downarrow P5_{-22})^1} = (1) + \uparrow P4_{+22}(\downarrow P5_{-22})$

$2769 = 3^1 \bullet 13^1 \bullet 71^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow M2_{-20}(\downarrow m7_{+20})^1} = (1) + \uparrow P4_{+22}(\downarrow P5_{-22})$

$2770 = 2^1 \bullet 5^1 \bullet 277^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m2_{+36}(\downarrow M7_{-36})^1} = (1) + \uparrow P4_{+23}(\downarrow P5_{-23})$

$2771 = 17^1 \bullet 163^1 = \mathbf{(1) + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow M3_{+18}(\downarrow m6_{-18})^1} = (1) + \uparrow P4_{+23}(\downarrow P5_{-23})$

$2772 = 2^2 \bullet 3^2 \bullet 7^1 \bullet 11^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1} = (1) + \uparrow P4_{+24}(\downarrow P5_{-24})$

$2773 = 47^1 \bullet 59^1 = \mathbf{(1) + \uparrow P5_{-34}(\downarrow P4_{+34})^1 + \uparrow M7_{-41}(\downarrow m2_{+41})^1} = (1) + \uparrow P4_{+25}(\downarrow P5_{-25})$

$2774 = 2^1 \bullet 19^1 \bullet 73^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow M2_{+28}(\downarrow m7_{-28})^1} = (1) + \uparrow P4_{+25}(\downarrow P5_{-25})$

$2775 = 3^1 \bullet 5^2 \bullet 37^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow m3_{-49}(\downarrow M6_{+49})^1} = (1) + \uparrow P4_{+26}(\downarrow P5_{-26})$

$2776 = 2^3 \bullet 347^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow P4_{+27}(\downarrow P5_{-27})^1} = (1) + \uparrow P4_{+27}(\downarrow P5_{-27})$

$2777 = 2777^1 = \mathbf{(1) + \uparrow P4_{+27}(\downarrow P5_{-27})}$

$2778 = 2^1 \bullet 3^1 \bullet 463^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{+26}(\downarrow M2_{-26})^1} = (1) + \uparrow P4_{+28}(\downarrow P5_{-28})$

$2779 = 7^1 \bullet 397^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m6_{-40}(\downarrow M3_{+40})^1} = (1) + \uparrow P4_{+28}(\downarrow P5_{-28})$

$2780 = 2^2 \bullet 5^1 \bullet 139^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m2_{+43}(\downarrow M7_{-43})^1} = (1) + \uparrow P4_{+29}(\downarrow P5_{-29})$

$2781 = 3^3 \bullet 103^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow m6_{+24}(\downarrow M3_{-24})^1} = (1) + \uparrow P4_{+30}(\downarrow P5_{-30})$

$2782 = 2^1 \bullet 13^1 \bullet 107^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow M6_{-10}(\downarrow m3_{+10})^1} = (1) + \uparrow P4_{+30}(\downarrow P5_{-30})$

$2783 = 11^2 \bullet 23^1 = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^2 + \uparrow tt_{+28}(\downarrow tt_{-28})^1} = (1) + \uparrow P4_{+31}(\downarrow P5_{-31})$

$2784 = 2^5 \bullet 3^1 \bullet 29^1 = \mathbf{(1) + \updownarrow 8ve(uni)^5 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1} = (1) + \uparrow P4_{+32}(\downarrow P5_{-32})$

$2785 = 5^1 \bullet 557^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m2_{+46}(\downarrow M7_{-46})^1} = (1) + \uparrow P4_{+32}(\downarrow P5_{-32})$

$2786 = 2^1 \bullet 7^1 \bullet 199^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m6_{-36}(\downarrow M3_{+36})^1} = (1) + \uparrow P4_{+33}(\downarrow P5_{-33})$

$2787 = 3^1 \bullet 929^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{+31}(\downarrow M2_{-31})^1} = (1) + \uparrow P4_{+33}(\downarrow P5_{-33})$

$2788 = 2^2 \bullet 17^1 \bullet 41^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow M3_{+29}(\downarrow m6_{-29})^1} = (1) + \uparrow P4_{+34}(\downarrow P5_{-34})$

$2789 = 2789^1 = \mathbf{(1) + \uparrow P4_{+35}(\downarrow P5_{-35})}$

$2790 = 2^1 \bullet 3^2 \bullet 5^1 \bullet 31^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M7_{+45}(\downarrow m2_{-45})^1} = (1) + \uparrow P4_{+35}(\downarrow P5_{-35})$

$2791 = 2791^1 = \mathbf{(1) + \uparrow P4_{+36}(\downarrow P5_{-36})}$

$2792 = 2^3 \bullet 349^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow P4_{+36}(\downarrow P5_{-36})^1} = (1) + \uparrow P4_{+36}(\downarrow P5_{-36})$

$2793 = 3^1 \bullet 7^2 \bullet 19^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^2 + \uparrow m3_{-2}(\downarrow M6_{+2})^1} = (1) + \uparrow P4_{+37}(\downarrow P5_{-37})$

$2794 = 2^1 \bullet 11^1 \bullet 127^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow 8ve_{-14}(\downarrow uni_{+14})^1} = (1) + \uparrow P4_{+38}(\downarrow P5_{-38})$

$2795 = 5^1 \bullet 13^1 \bullet 43^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow P4_{+12}(\downarrow P5_{-12})^1} = (1) + \uparrow P4_{+38}(\downarrow P5_{-38})$

$2796 = 2^2 \bullet 3^1 \bullet 233^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{+37}(\downarrow M2_{-37})^1} = (1) + \uparrow P4_{+39}(\downarrow P5_{-39})$

$2797 = 2797^1 = \mathbf{(1) + \uparrow P4_{+40}(\downarrow P5_{-40})}$

$2798 = 2^1 \bullet 1399^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P4_{+40}(\downarrow P5_{-40})^1} = (1) + \uparrow P4_{+40}(\downarrow P5_{-40})$

$2799 = 3^2 \bullet 311^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m3_{+37}(\downarrow M6_{-37})^1} = (1) + \uparrow P4_{+41}(\downarrow P5_{-41})$

$2800 = 2^4 \bullet 5^2 \bullet 7^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow m7_{-31}(\downarrow M2_{+31})^1} = (1) + \uparrow P4_{+41}(\downarrow P5_{-41})$

$2801 = 2801^1 = \mathbf{(1) + \uparrow P4_{+42}(\downarrow P5_{-42})}$

$2802 = 2^1 \bullet 3^1 \bullet 467^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{+41}(\downarrow M2_{-41})^1} = (1) + \uparrow P4_{+43}(\downarrow P5_{-43})$

$2803 = 2803^1 = \mathbf{(1) + \uparrow P4_{+43}(\downarrow P5_{-43})}$

$2804 = 2^2 \bullet 701^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P4_{+44}(\downarrow P5_{-44})^1} = (1) + \uparrow P4_{+44}(\downarrow P5_{-44})$

$2805 = 3^1 \bullet 5^1 \bullet 11^1 \bullet 17^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1} = (1) + \uparrow P4_{+45}(\downarrow P5_{-45})$

$2806 = 2^1 \bullet 23^1 \bullet 61^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow M7_{+17}(\downarrow m2_{-17})^1} = (1) + \uparrow P4_{+45}(\downarrow P5_{-45})$

$2807 = 7^1 \bullet 401^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m6_{-23}(\downarrow M3_{+23})^1} = (1) + \uparrow P4_{+46}(\downarrow P5_{-46})$

$2808 = 2^3 \bullet 3^3 \bullet 13^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow m6_{+41}(\downarrow M3_{-41})^1} = (1) + \uparrow P4_{+46}(\downarrow P5_{-46})$

$2809 = 53^2 = \mathbf{(1) + \uparrow M6_{-26}(\downarrow m3_{+26})^2} = (1) + \uparrow P4_{+47}(\downarrow P5_{-47})$

$2810 = 2^1 \bullet 5^1 \bullet 281^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M2_{-39}(\downarrow m7_{+39})^1} = (1) + \uparrow P4_{+48}(\downarrow P5_{-48})$

$2811 = 3^1 \bullet 937^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{+46}(\downarrow M2_{-46})^1} = (1) + \uparrow P4_{+48}(\downarrow P5_{-48})$

$2812 = 2^2 \bullet 19^1 \bullet 37^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow m3_{-49}(\downarrow M6_{+49})^1} = (1) + \uparrow P4_{+49}(\downarrow P5_{-49})$

$2813 = 29^1 \bullet 97^1 = \mathbf{(1) + \uparrow m7_{+30}(\downarrow M2_{-30})^1 + \uparrow P5_{+20}(\downarrow P4_{-20})^1} = (1) + \uparrow P4_{+49}(\downarrow P5_{-49})$

$2814 = 2^1 \bullet 3^1 \bullet 7^1 \bullet 67^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m2_{-21}(\downarrow M7_{+21})^1} = (1) + \uparrow tt_{-50}(\downarrow tt_{+50})$

$2815 = 5^1 \bullet 563^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M2_{-36}(\downarrow m7_{+36})^1} = (1) + \uparrow tt_{-49}(\downarrow tt_{+49})$

$2816 = 2^8 \bullet 11^1 = \mathbf{(1) + \updownarrow 8ve(uni)^8 + \uparrow tt_{-49}(\downarrow tt_{+49})^1} = (1) + \uparrow tt_{-49}(\downarrow tt_{+49})$

$2817 = 3^2 \bullet 313^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m3_{+48}(\downarrow M6_{-48})^1} = (1) + \uparrow tt_{-48}(\downarrow tt_{+48})$

$2818 = 2^1 \bullet 1409^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow tt_{-47}(\downarrow tt_{+47})^1} = (1) + \uparrow tt_{-47}(\downarrow tt_{+47})$

$2819 = 2819^1 = \mathbf{(1) + \uparrow tt_{-47}(\downarrow tt_{+47})}$

$2820 = 2^2 \bullet 3^1 \bullet 5^1 \bullet 47^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow P5_{-34}(\downarrow P4_{+34})^1} = (1) + \uparrow tt_{-46}(\downarrow tt_{+46})$

$2821 = 7^1 \bullet 13^1 \bullet 31^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow M7_{+45}(\downarrow m2_{-45})^1} = (1) + \uparrow tt_{-46}(\downarrow tt_{+46})$

$2822 = 2^1 \bullet 17^1 \bullet 83^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow P4_{-50}(\downarrow P5_{+50})^1} = (1) + \uparrow tt_{-45}(\downarrow tt_{+45})$

$2823 = 3^1 \bullet 941^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M7_{-46}(\downarrow m2_{+46})^1} = (1) + \uparrow tt_{-44}(\downarrow tt_{+44})$

$2824 = 2^3 \bullet 353^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow tt_{-44}(\downarrow tt_{+44})^1} = (1) + \uparrow tt_{-44}(\downarrow tt_{+44})$

$2825 = 5^2 \bullet 113^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow m7_{-16}(\downarrow M2_{+16})^1} = (1) + \uparrow tt_{-43}(\downarrow tt_{+43})$

$2826 = 2^1 \bullet 3^2 \bullet 157^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M3_{-46}(\downarrow m6_{+46})^1} = (1) + \uparrow tt_{-43}(\downarrow tt_{+43})$

$2827 = 11^1 \bullet 257^1 = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow uni_{+7}(\downarrow 8ve_{-7})^1} = (1) + \uparrow tt_{-42}(\downarrow tt_{+42})$

$2828 = 2^2 \bullet 7^1 \bullet 101^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m6_{-10}(\downarrow M3_{+10})^1} = (1) + \uparrow tt_{-41}(\downarrow tt_{+41})$

$2829 = 3^1 \bullet 23^1 \bullet 41^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow M3_{+29}(\downarrow m6_{-29})^1} = (1) + \uparrow tt_{-41}(\downarrow tt_{+41})$

$2830 = 2^1 \bullet 5^1 \bullet 283^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M2_{-26}(\downarrow m7_{+26})^1} = (1) + \uparrow tt_{-40}(\downarrow tt_{+40})$

$2831 = 19^1 \bullet 149^1 = \mathbf{(1) + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow m3_{-37}(\downarrow M6_{+37})^1} = (1) + \uparrow tt_{-39}(\downarrow tt_{+39})$

$2832 = 2^4 \bullet 3^1 \bullet 59^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M7_{-41}(\downarrow m2_{+41})^1} = (1) + \uparrow tt_{-39}(\downarrow tt_{+39})$

$2833 = 2833^1 = \mathbf{(1) + \uparrow tt_{-38}(\downarrow tt_{+38})}$

$2834 = 2^1 \bullet 13^1 \bullet 109^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow M6_{+22}(\downarrow m3_{-22})^1} = (1) + \uparrow tt_{-38}(\downarrow tt_{+38})$

$2835 = 3^4 \bullet 5^1 \bullet 7^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^4 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1} = (1) + \uparrow tt_{-37}(\downarrow tt_{+37})$

$2836 = 2^2 \bullet 709^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow tt_{-36}(\downarrow tt_{+36})^1} = (1) + \uparrow tt_{-36}(\downarrow tt_{+36})$

$2837 = 2837^1 = \mathbf{(1) + \uparrow tt_{-36}(\downarrow tt_{+36})}$

$2838 = 2^1 \bullet 3^1 \bullet 11^1 \bullet 43^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow P4_{+12}(\downarrow P5_{-12})^1} = (1) + \uparrow tt_{-35}(\downarrow tt_{+35})$

$2839 = 17^1 \bullet 167^1 = \mathbf{(1) + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow P4_{-40}(\downarrow P5_{+40})^1} = (1) + \uparrow tt_{-35}(\downarrow tt_{+35})$

$2840 = 2^3 \bullet 5^1 \bullet 71^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M2_{-20}(\downarrow m7_{+20})^1} = (1) + \uparrow tt_{-34}(\downarrow tt_{+34})$

$2841 = 3^1 \bullet 947^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M7_{-35}(\downarrow m2_{+35})^1} = (1) + \uparrow tt_{-33}(\downarrow tt_{+33})$

$2842 = 2^1 \bullet 7^2 \bullet 29^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^2 + \uparrow m7_{+30}(\downarrow M2_{-30})^1} = (1) + \uparrow tt_{-33}(\downarrow tt_{+33})$

$2843 = 2843^1 = \mathbf{(1) + \uparrow tt_{-32}(\downarrow tt_{+32})}$

$2844 = 2^2 \bullet 3^2 \bullet 79^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M3_{-35}(\downarrow m6_{+35})^1} = (1) + \uparrow tt_{-32}(\downarrow tt_{+32})$

$2845 = 5^1 \bullet 569^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M2_{-17}(\downarrow m7_{+17})^1} = (1) + \uparrow tt_{-31}(\downarrow tt_{+31})$

$2846 = 2^1 \bullet 1423^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow tt_{-30}(\downarrow tt_{+30})^1} = (1) + \uparrow tt_{-30}(\downarrow tt_{+30})$

$2847 = 3^1 \bullet 13^1 \bullet 73^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow M2_{+28}(\downarrow m7_{-28})^1} = (1) + \uparrow tt_{-30}(\downarrow tt_{+30})$

$2848 = 2^5 \bullet 89^1 = \mathbf{(1) + \updownarrow 8ve(uni)^5 + \uparrow tt_{-29}(\downarrow tt_{+29})^1} = (1) + \uparrow tt_{-29}(\downarrow tt_{+29})$

$2849 = 7^1 \bullet 11^1 \bullet 37^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m3_{-49}(\downarrow M6_{+49})^1} = (1) + \uparrow tt_{-29}(\downarrow tt_{+29})$

$2850 = 2^1 \bullet 3^1 \bullet 5^2 \bullet 19^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow m3_{-2}(\downarrow M6_{+2})^1} = (1) + \uparrow tt_{-28}(\downarrow tt_{+28})$

$2851 = 2851^1 = \mathbf{(1) + \uparrow tt_{-27}(\downarrow tt_{+27})}$

$2852 = 2^2 \bullet 23^1 \bullet 31^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow M7_{+45}(\downarrow m2_{-45})^1} = (1) + \uparrow tt_{-27}(\downarrow tt_{+27})$

$2853 = 3^2 \bullet 317^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M3_{-30}(\downarrow m6_{+30})^1} = (1) + \uparrow tt_{-26}(\downarrow tt_{+26})$

$2854 = 2^{1}\bullet 1427^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow tt_{-25}(\downarrow tt_{+25})^{1}} = (1) + \uparrow tt_{-25}(\downarrow tt_{+25})$

$2855 = 5^{1}\bullet 571^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M2_{-11}(\downarrow m7_{+11})^{1}} = (1) + \uparrow tt_{-25}(\downarrow tt_{+25})$

$2856 = 2^{3}\bullet 3^{1}\bullet 7^{1}\bullet 17^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1}} = (1) + \uparrow tt_{-24}(\downarrow tt_{+24})$

$2857 = 2857^{1} = \mathbf{(1) + \uparrow tt_{-24}(\downarrow tt_{+24})}$

$2858 = 2^{1}\bullet 1429^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow tt_{-23}(\downarrow tt_{+23})^{1}} = (1) + \uparrow tt_{-23}(\downarrow tt_{+23})$

$2859 = 3^{1}\bullet 953^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M7_{-24}(\downarrow m2_{+24})^{1}} = (1) + \uparrow tt_{-22}(\downarrow tt_{+22})$

$2860 = 2^{2}\bullet 5^{1}\bullet 11^{1}\bullet 13^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1}} = (1) + \uparrow tt_{-22}(\downarrow tt_{+22})$

$2861 = 2861^{1} = \mathbf{(1) + \uparrow tt_{-21}(\downarrow tt_{+21})}$

$2862 = 2^{1}\bullet 3^{3}\bullet 53^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow M6_{-26}(\downarrow m3_{+26})^{1}} = (1) + \uparrow tt_{-21}(\downarrow tt_{+21})$

$2863 = 7^{1}\bullet 409^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m6_{+11}(\downarrow M3_{-11})^{1}} = (1) + \uparrow tt_{-20}(\downarrow tt_{+20})$

$2864 = 2^{4}\bullet 179^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow tt_{-19}(\downarrow tt_{+19})^{1}} = (1) + \uparrow tt_{-19}(\downarrow tt_{+19})$

$2865 = 3^{1}\bullet 5^{1}\bullet 191^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow P5_{-7}(\downarrow P4_{+7})^{1}} = (1) + \uparrow tt_{-19}(\downarrow tt_{+19})$

$2866 = 2^{1}\bullet 1433^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow tt_{-18}(\downarrow tt_{+18})^{1}} = (1) + \uparrow tt_{-18}(\downarrow tt_{+18})$

$2867 = 47^{1}\bullet 61^{1} = \mathbf{(1) + \uparrow P5_{-34}(\downarrow P4_{+34})^{1} + \uparrow M7_{+17}(\downarrow m2_{-17})^{1}} = (1) + \uparrow tt_{-18}(\downarrow tt_{+18})$

$2868 = 2^{2}\bullet 3^{1}\bullet 239^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M7_{-19}(\downarrow m2_{+19})^{1}} = (1) + \uparrow tt_{-17}(\downarrow tt_{+17})$

$2869 = 19^{1}\bullet 151^{1} = \mathbf{(1) + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow m3_{-14}(\downarrow M6_{+14})^{1}} = (1) + \uparrow tt_{-16}(\downarrow tt_{+16})$

$2870 = 2^{1}\bullet 5^{1}\bullet 7^{1}\bullet 41^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M3_{+29}(\downarrow m6_{-29})^{1}} = (1) + \uparrow tt_{-16}(\downarrow tt_{+16})$

$2871 = 3^{2}\bullet 11^{1}\bullet 29^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1}} = (1) + \uparrow tt_{-15}(\downarrow tt_{+15})$

$2872 = 2^{3}\bullet 359^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow tt_{-15}(\downarrow tt_{+15})^{1}} = (1) + \uparrow tt_{-15}(\downarrow tt_{+15})$

$2873 = 13^{2}\bullet 17^{1} = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^{2} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1}} = (1) + \uparrow tt_{-14}(\downarrow tt_{+14})$

$2874 = 2^{1}\bullet 3^{1}\bullet 479^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M7_{-15}(\downarrow m2_{+15})^{1}} = (1) + \uparrow tt_{-13}(\downarrow tt_{+13})$

$2875 = 5^{3}\bullet 23^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{3} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1}} = (1) + \uparrow tt_{-13}(\downarrow tt_{+13})$

$2876 = 2^{2}\bullet 719^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow tt_{-12}(\downarrow tt_{+12})^{1}} = (1) + \uparrow tt_{-12}(\downarrow tt_{+12})$

$2877 = 3^{1}\bullet 7^{1}\bullet 137^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m2_{+18}(\downarrow M7_{-18})^{1}} = (1) + \uparrow tt_{-12}(\downarrow tt_{+12})$

$2878 = 2^{1}\bullet 1439^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow tt_{-11}(\downarrow tt_{+11})^{1}} = (1) + \uparrow tt_{-11}(\downarrow tt_{+11})$

$2879 = 2879^{1} = \mathbf{(1) + \uparrow tt_{-10}(\downarrow tt_{+10})}$

$2880 = 2^{6}\bullet 3^{2}\bullet 5^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{6} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1}} = (1) + \uparrow tt_{-10}(\downarrow tt_{+10})$

$2881 = 43^{1}\bullet 67^{1} = \mathbf{(1) + \uparrow P4_{+12}(\downarrow P5_{-12})^{1} + \uparrow m2_{-21}(\downarrow M7_{+21})^{1}} = (1) + \uparrow tt_{-9}(\downarrow tt_{+9})$

$2882 = 2^{1}\bullet 11^{1}\bullet 131^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow uni_{+40}(\downarrow 8ve_{-40})^{1}} = (1) + \uparrow tt_{-9}(\downarrow tt_{+9})$

$2883 = 3^{1}\bullet 31^{2} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{2}} = (1) + \uparrow tt_{-8}(\downarrow tt_{+8})$

$2884 = 2^{2}\bullet 7^{1}\bullet 103^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m6_{+24}(\downarrow M3_{-24})^{1}} = (1) + \uparrow tt_{-7}(\downarrow tt_{+7})$

$2885 = 5^{1}\bullet 577^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M2_{+7}(\downarrow m7_{-7})^{1}} = (1) + \uparrow tt_{-7}(\downarrow tt_{+7})$

$2886 = 2^{1}\bullet 3^{1}\bullet 13^{1}\bullet 37^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m3_{-49}(\downarrow M6_{+49})^{1}} = (1) + \uparrow tt_{-6}(\downarrow tt_{+6})$

$2887 = 2887^{1} = \mathbf{(1) + \uparrow tt_{-6}(\downarrow tt_{+6})}$

$2888 = 2^{3}\bullet 19^{2} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow m3_{-2}(\downarrow M6_{+2})^{2}} = (1) + \uparrow tt_{-5}(\downarrow tt_{+5})$

$2889 = 3^{3}\bullet 107^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow M6_{-10}(\downarrow m3_{+10})^{1}} = (1) + \uparrow tt_{-4}(\downarrow tt_{+4})$

$2890 = 2^{1}\bullet 5^{1}\bullet 17^{2} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{2}} = (1) + \uparrow tt_{-4}(\downarrow tt_{+4})$

$2891 = 7^{2}\bullet 59^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{2} + \uparrow M7_{-41}(\downarrow m2_{+41})^{1}} = (1) + \uparrow tt_{-3}(\downarrow tt_{+3})$

$2892 = 2^{2}\bullet 3^{1}\bullet 241^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M7_{-5}(\downarrow m2_{+5})^{1}} = (1) + \uparrow tt_{-3}(\downarrow tt_{+3})$

$2893 = 11^{1}\bullet 263^{1} = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow uni_{+47}(\downarrow 8ve_{-47})^{1}} = (1) + \uparrow tt_{-2}(\downarrow tt_{+2})$

$2894 = 2^{1}\bullet 1447^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow tt_{-1}(\downarrow tt_{+1})^{1}} = (1) + \uparrow tt_{-1}(\downarrow tt_{+1})$

$2895 = 3^{1}\bullet 5^{1}\bullet 193^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow P5_{+11}(\downarrow P4_{-11})^{1}} = (1) + \uparrow tt_{-1}(\downarrow tt_{+1})$

$2896 = 2^4 \bullet 181^1 = (1) + \updownarrow 8ve(uni)^4 + \uparrow tt_{+0}(\downarrow tt_{-0})^1 = (1) + \uparrow tt_{+0}(\downarrow tt_{-0})$

$2897 = 2897^1 = (1) + \uparrow tt_{+0}(\downarrow tt_{-0})$

$2898 = 2^1 \bullet 3^2 \bullet 7^1 \bullet 23^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1 = (1) + \uparrow tt_{+1}(\downarrow tt_{-1})$

$2899 = 13^1 \bullet 223^1 = (1) + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow m7_{-39}(\downarrow M2_{+39})^1 = (1) + \uparrow tt_{+2}(\downarrow tt_{-2})$

$2900 = 2^2 \bullet 5^2 \bullet 29^1 = (1) + \updownarrow 8ve(uni)^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow m7_{+30}(\downarrow M2_{-30})^1 = (1) + \uparrow tt_{+2}(\downarrow tt_{-2})$

$2901 = 3^1 \bullet 967^1 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M7_{+1}(\downarrow m2_{-1})^1 = (1) + \uparrow tt_{+3}(\downarrow tt_{-3})$

$2902 = 2^1 \bullet 1451^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow tt_{+3}(\downarrow tt_{-3})^1 = (1) + \uparrow tt_{+3}(\downarrow tt_{-3})$

$2903 = 2903^1 = (1) + \uparrow tt_{+4}(\downarrow tt_{-4})$

$2904 = 2^3 \bullet 3^1 \bullet 11^2 = (1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^2 = (1) + \uparrow tt_{+5}(\downarrow tt_{-5})$

$2905 = 5^1 \bullet 7^1 \bullet 83^1 = (1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow P4_{-50}(\downarrow P5_{+50})^1 = (1) + \uparrow tt_{+5}(\downarrow tt_{-5})$

$2906 = 2^1 \bullet 1453^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow tt_{+6}(\downarrow tt_{-6})^1 = (1) + \uparrow tt_{+6}(\downarrow tt_{-6})$

$2907 = 3^2 \bullet 17^1 \bullet 19^1 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 = (1) + \uparrow tt_{+6}(\downarrow tt_{-6})$

$2908 = 2^2 \bullet 727^1 = (1) + \updownarrow 8ve(uni)^2 + \uparrow tt_{+7}(\downarrow tt_{-7})^1 = (1) + \uparrow tt_{+7}(\downarrow tt_{-7})$

$2909 = 2909^1 = (1) + \uparrow tt_{+8}(\downarrow tt_{-8})$

$2910 = 2^1 \bullet 3^1 \bullet 5^1 \bullet 97^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow P5_{+20}(\downarrow P4_{-20})^1 = (1) + \uparrow tt_{+8}(\downarrow tt_{-8})$

$2911 = 41^1 \bullet 71^1 = (1) + \uparrow M3_{+29}(\downarrow m6_{-29})^1 + \uparrow M2_{-20}(\downarrow m7_{+20})^1 = (1) + \uparrow tt_{+9}(\downarrow tt_{-9})$

$2912 = 2^5 \bullet 7^1 \bullet 13^1 = (1) + \updownarrow 8ve(uni)^5 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 = (1) + \uparrow tt_{+9}(\downarrow tt_{-9})$

$2913 = 3^1 \bullet 971^1 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M7_{+8}(\downarrow m2_{-8})^1 = (1) + \uparrow tt_{+10}(\downarrow tt_{-10})$

$2914 = 2^1 \bullet 31^1 \bullet 47^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow M7_{+45}(\downarrow m2_{-45})^1 + \uparrow P5_{-34}(\downarrow P4_{+34})^1 = (1) + \uparrow tt_{+11}(\downarrow tt_{-11})$

$2915 = 5^1 \bullet 11^1 \bullet 53^1 = (1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow M6_{-26}(\downarrow m3_{+26})^1 = (1) + \uparrow tt_{+11}(\downarrow tt_{-11})$

$2916 = 2^2 \bullet 3^6 = (1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^6 = (1) + \uparrow tt_{+12}(\downarrow tt_{-12})$

$2917 = 2917^1 = (1) + \uparrow tt_{+12}(\downarrow tt_{-12})$

$2918 = 2^1 \bullet 1459^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow tt_{+13}(\downarrow tt_{-13})^1 = (1) + \uparrow tt_{+13}(\downarrow tt_{-13})$

$2919 = 3^1 \bullet 7^1 \bullet 139^1 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m2_{+43}(\downarrow M7_{-43})^1 = (1) + \uparrow tt_{+14}(\downarrow tt_{-14})$

$2920 = 2^3 \bullet 5^1 \bullet 73^1 = (1) + \updownarrow 8ve(uni)^3 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M2_{+28}(\downarrow m7_{-28})^1 = (1) + \uparrow tt_{+14}(\downarrow tt_{-14})$

$2921 = 23^1 \bullet 127^1 = (1) + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow 8ve_{-14}(\downarrow uni_{+14})^1 = (1) + \uparrow tt_{+15}(\downarrow tt_{-15})$

$2922 = 2^1 \bullet 3^1 \bullet 487^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M7_{+13}(\downarrow m2_{-13})^1 = (1) + \uparrow tt_{+15}(\downarrow tt_{-15})$

$2923 = 37^1 \bullet 79^1 = (1) + \uparrow m3_{-49}(\downarrow M6_{+49})^1 + \uparrow M3_{-35}(\downarrow m6_{+35})^1 = (1) + \uparrow tt_{+16}(\downarrow tt_{-16})$

$2924 = 2^2 \bullet 17^1 \bullet 43^1 = (1) + \updownarrow 8ve(uni)^2 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow P4_{+12}(\downarrow P5_{-12})^1 = (1) + \uparrow tt_{+16}(\downarrow tt_{-16})$

$2925 = 3^2 \bullet 5^2 \bullet 13^1 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 = (1) + \uparrow tt_{+17}(\downarrow tt_{-17})$

$2926 = 2^1 \bullet 7^1 \bullet 11^1 \bullet 19^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 = (1) + \uparrow tt_{+18}(\downarrow tt_{-18})$

$2927 = 2927^1 = (1) + \uparrow tt_{+18}(\downarrow tt_{-18})$

$2928 = 2^4 \bullet 3^1 \bullet 61^1 = (1) + \updownarrow 8ve(uni)^4 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M7_{+17}(\downarrow m2_{-17})^1 = (1) + \uparrow tt_{+19}(\downarrow tt_{-19})$

$2929 = 29^1 \bullet 101^1 = (1) + \uparrow m7_{+30}(\downarrow M2_{-30})^1 + \uparrow m6_{-10}(\downarrow M3_{+10})^1 = (1) + \uparrow tt_{+19}(\downarrow tt_{-19})$

$2930 = 2^1 \bullet 5^1 \bullet 293^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M2_{+34}(\downarrow m7_{-34})^1 = (1) + \uparrow tt_{+20}(\downarrow tt_{-20})$

$2931 = 3^1 \bullet 977^1 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M7_{+19}(\downarrow m2_{-19})^1 = (1) + \uparrow tt_{+21}(\downarrow tt_{-21})$

$2932 = 2^2 \bullet 733^1 = (1) + \updownarrow 8ve(uni)^2 + \uparrow tt_{+21}(\downarrow tt_{-21})^1 = (1) + \uparrow tt_{+21}(\downarrow tt_{-21})$

$2933 = 7^1 \bullet 419^1 = (1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M6_{-47}(\downarrow m3_{+47})^1 = (1) + \uparrow tt_{+22}(\downarrow tt_{-22})$

$2934 = 2^1 \bullet 3^2 \bullet 163^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M3_{+18}(\downarrow m6_{-18})^1 = (1) + \uparrow tt_{+22}(\downarrow tt_{-22})$

$2935 = 5^1 \bullet 587^1 = (1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M2_{+37}(\downarrow m7_{-37})^1 = (1) + \uparrow tt_{+23}(\downarrow tt_{-23})$

$2936 = 2^3 \bullet 367^1 = (1) + \updownarrow 8ve(uni)^3 + \uparrow tt_{+24}(\downarrow tt_{-24})^1 = (1) + \uparrow tt_{+24}(\downarrow tt_{-24})$

$2937 = 3^1 \bullet 11^1 \bullet 89^1 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow tt_{-29}(\downarrow tt_{+29})^1 = (1) + \uparrow tt_{+24}(\downarrow tt_{-24})$

$2938 = 2^1 \bullet 13^1 \bullet 113^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow m7_{-16}(\downarrow M2_{+16})^1 = (1) + \uparrow tt_{+25}(\downarrow tt_{-25})$

$2939 = 2939^1 = (1) + \uparrow tt_{+25}(\downarrow tt_{-25})$

$2940 = 2^2 \bullet 3^1 \bullet 5^1 \bullet 7^2 = (1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^2 = (1) + \uparrow tt_{+26}(\downarrow tt_{-26})$

$2941 = 17^1 \bullet 173^1 = (1) + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow P4_{+22}(\downarrow P5_{-22})^1 = (1) + \uparrow tt_{+27}(\downarrow tt_{-27})$

$2942 = 2^1 \bullet 1471^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow tt_{+27}(\downarrow tt_{-27})^1 = (1) + \uparrow tt_{+27}(\downarrow tt_{-27})$

$2943 = 3^3 \bullet 109^1 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow M6_{+22}(\downarrow m3_{-22})^1 = (1) + \uparrow tt_{+28}(\downarrow tt_{-28})$

$2944 = 2^7 \bullet 23^1 = (1) + \updownarrow 8ve(uni)^7 + \uparrow tt_{+28}(\downarrow tt_{-28})^1 = (1) + \uparrow tt_{+28}(\downarrow tt_{-28})$

$2945 = 5^1 \bullet 19^1 \bullet 31^1 = (1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow M7_{+45}(\downarrow m2_{-45})^1 = (1) + \uparrow tt_{+29}(\downarrow tt_{-29})$

$2946 = 2^1 \bullet 3^1 \bullet 491^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M7_{+27}(\downarrow m2_{-27})^1 = (1) + \uparrow tt_{+29}(\downarrow tt_{-29})$

$2947 = 7^1 \bullet 421^1 = (1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M6_{-39}(\downarrow m3_{+39})^1 = (1) + \uparrow tt_{+30}(\downarrow tt_{-30})$

$2948 = 2^2 \bullet 11^1 \bullet 67^1 = (1) + \updownarrow 8ve(uni)^2 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m2_{-21}(\downarrow M7_{+21})^1 = (1) + \uparrow tt_{+31}(\downarrow tt_{-31})$

$2949 = 3^1 \bullet 983^1 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M7_{+29}(\downarrow m2_{-29})^1 = (1) + \uparrow tt_{+31}(\downarrow tt_{-31})$

$2950 = 2^1 \bullet 5^2 \bullet 59^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow M7_{-41}(\downarrow m2_{+41})^1 = (1) + \uparrow tt_{+32}(\downarrow tt_{-32})$

$2951 = 13^1 \bullet 227^1 = (1) + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow m7_{-8}(\downarrow M2_{+8})^1 = (1) + \uparrow tt_{+32}(\downarrow tt_{-32})$

$2952 = 2^3 \bullet 3^2 \bullet 41^1 = (1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M3_{+29}(\downarrow m6_{-29})^1 = (1) + \uparrow tt_{+33}(\downarrow tt_{-33})$

$2953 = 2953^1 = (1) + \uparrow tt_{+34}(\downarrow tt_{-34})$

$2954 = 2^1 \bullet 7^1 \bullet 211^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M6_{-35}(\downarrow m3_{+35})^1 = (1) + \uparrow tt_{+34}(\downarrow tt_{-34})$

$2955 = 3^1 \bullet 5^1 \bullet 197^1 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow P5_{+46}(\downarrow P4_{-46})^1 = (1) + \uparrow tt_{+35}(\downarrow tt_{-35})$

$2956 = 2^2 \bullet 739^1 = (1) + \updownarrow 8ve(uni)^2 + \uparrow tt_{+35}(\downarrow tt_{-35})^1 = (1) + \uparrow tt_{+35}(\downarrow tt_{-35})$

$2957 = 2957^1 = (1) + \uparrow tt_{+36}(\downarrow tt_{-36})$

$2958 = 2^1 \bullet 3^1 \bullet 17^1 \bullet 29^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1 = (1) + \uparrow tt_{+36}(\downarrow tt_{-36})$

$2959 = 11^1 \bullet 269^1 = (1) + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m2_{-14}(\downarrow M7_{+14})^1 = (1) + \uparrow tt_{+37}(\downarrow tt_{-37})$

$2960 = 2^4 \bullet 5^1 \bullet 37^1 = (1) + \updownarrow 8ve(uni)^4 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m3_{-49}(\downarrow M6_{+49})^1 = (1) + \uparrow tt_{+38}(\downarrow tt_{-38})$

$2961 = 3^2 \bullet 7^1 \bullet 47^1 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow P5_{-34}(\downarrow P4_{+34})^1 = (1) + \uparrow tt_{+38}(\downarrow tt_{-38})$

$2962 = 2^1 \bullet 1481^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow tt_{+39}(\downarrow tt_{-39})^1 = (1) + \uparrow tt_{+39}(\downarrow tt_{-39})$

$2963 = 2963^1 = (1) + \uparrow tt_{+39}(\downarrow tt_{-39})$

$2964 = 2^2 \bullet 3^1 \bullet 13^1 \bullet 19^1 = (1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 = (1) + \uparrow tt_{+40}(\downarrow tt_{-40})$

$2965 = 5^1 \bullet 593^1 = (1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m3_{-46}(\downarrow M6_{+46})^1 = (1) + \uparrow tt_{+41}(\downarrow tt_{-41})$

$2966 = 2^1 \bullet 1483^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow tt_{+41}(\downarrow tt_{-41})^1 = (1) + \uparrow tt_{+41}(\downarrow tt_{-41})$

$2967 = 3^1 \bullet 23^1 \bullet 43^1 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow P4_{+12}(\downarrow P5_{-12})^1 = (1) + \uparrow tt_{+42}(\downarrow tt_{-42})$

$2968 = 2^3 \bullet 7^1 \bullet 53^1 = (1) + \updownarrow 8ve(uni)^3 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M6_{-26}(\downarrow m3_{+26})^1 = (1) + \uparrow tt_{+42}(\downarrow tt_{-42})$

$2969 = 2969^1 = (1) + \uparrow tt_{+43}(\downarrow tt_{-43})$

$2970 = 2^1 \bullet 3^3 \bullet 5^1 \bullet 11^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 = (1) + \uparrow tt_{+43}(\downarrow tt_{-43})$

$2971 = 2971^1 = (1) + \uparrow tt_{+44}(\downarrow tt_{-44})$

$2972 = 2^2 \bullet 743^1 = (1) + \updownarrow 8ve(uni)^2 + \uparrow tt_{+45}(\downarrow tt_{-45})^1 = (1) + \uparrow tt_{+45}(\downarrow tt_{-45})$

$2973 = 3^1 \bullet 991^1 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M7_{+43}(\downarrow m2_{-43})^1 = (1) + \uparrow tt_{+45}(\downarrow tt_{-45})$

$2974 = 2^1 \bullet 1487^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow tt_{+46}(\downarrow tt_{-46})^1 = (1) + \uparrow tt_{+46}(\downarrow tt_{-46})$

$2975 = 5^2 \bullet 7^1 \bullet 17^1 = (1) + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 = (1) + \uparrow tt_{+46}(\downarrow tt_{-46})$

$2976 = 2^5 \bullet 3^1 \bullet 31^1 = (1) + \updownarrow 8ve(uni)^5 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M7_{+45}(\downarrow m2_{-45})^1 = (1) + \uparrow tt_{+47}(\downarrow tt_{-47})$

$2977 = 13^1 \bullet 229^1 = (1) + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow m7_{+7}(\downarrow M2_{-7})^1 = (1) + \uparrow tt_{+48}(\downarrow tt_{-48})$

$2978 = 2^1 \bullet 1489^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow tt_{+48}(\downarrow tt_{-48})^1 = (1) + \uparrow tt_{+48}(\downarrow tt_{-48})$

$2979 = 3^2 \bullet 331^1 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M3_{+45}(\downarrow m6_{-45})^1 = (1) + \uparrow tt_{+49}(\downarrow tt_{-49})$

$2980 = 2^2 \bullet 5^1 \bullet 149^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m3_{-37}(\downarrow M6_{+37})^1} = (1) + \uparrow tt_{+49}(\downarrow tt_{-49})$

$2981 = 11^1 \bullet 271^1 = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m2_{-1}(\downarrow M7_{+1})^1} = (1) + \uparrow tt_{+50}(\downarrow tt_{-50})$

$2982 = 2^1 \bullet 3^1 \bullet 7^1 \bullet 71^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M2_{-20}(\downarrow m7_{+20})^1} = (1) + \uparrow P5_{-50}(\downarrow P4_{+50})$

$2983 = 19^1 \bullet 157^1 = \mathbf{(1) + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow M3_{-46}(\downarrow m6_{+46})^1} = (1) + \uparrow P5_{-49}(\downarrow P4_{+49})$

$2984 = 2^3 \bullet 373^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{-48}(\downarrow P4_{+48})^1} = (1) + \uparrow P5_{-48}(\downarrow P4_{+48})$

$2985 = 3^1 \bullet 5^1 \bullet 199^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m6_{-36}(\downarrow M3_{+36})^1} = (1) + \uparrow P5_{-48}(\downarrow P4_{+48})$

$2986 = 2^1 \bullet 1493^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{-47}(\downarrow P4_{+47})^1} = (1) + \uparrow P5_{-47}(\downarrow P4_{+47})$

$2987 = 29^1 \bullet 103^1 = \mathbf{(1) + \uparrow m7_{+30}(\downarrow M2_{-30})^1 + \uparrow m6_{+24}(\downarrow M3_{-24})^1} = (1) + \uparrow P5_{-47}(\downarrow P4_{+47})$

$2988 = 2^2 \bullet 3^2 \bullet 83^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow P4_{-50}(\downarrow P5_{+50})^1} = (1) + \uparrow P5_{-46}(\downarrow P4_{+46})$

$2989 = 7^2 \bullet 61^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^2 + \uparrow M7_{+17}(\downarrow m2_{-17})^1} = (1) + \uparrow P5_{-45}(\downarrow P4_{+45})$

$2990 = 2^1 \bullet 5^1 \bullet 13^1 \bullet 23^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1} = (1) + \uparrow P5_{-45}(\downarrow P4_{+45})$

$2991 = 3^1 \bullet 997^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow 8ve_{-46}(\downarrow uni_{+46})^1} = (1) + \uparrow P5_{-44}(\downarrow P4_{+44})$

$2992 = 2^4 \bullet 11^1 \bullet 17^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1} = (1) + \uparrow P5_{-44}(\downarrow P4_{+44})$

$2993 = 41^1 \bullet 73^1 = \mathbf{(1) + \uparrow M3_{+29}(\downarrow m6_{-29})^1 + \uparrow M2_{+28}(\downarrow m7_{-28})^1} = (1) + \uparrow P5_{-43}(\downarrow P4_{+43})$

$2994 = 2^1 \bullet 3^1 \bullet 499^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow 8ve_{-45}(\downarrow uni_{+45})^1} = (1) + \uparrow P5_{-43}(\downarrow P4_{+43})$

$2995 = 5^1 \bullet 599^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m3_{-28}(\downarrow M6_{+28})^1} = (1) + \uparrow P5_{-42}(\downarrow P4_{+42})$

$2996 = 2^2 \bullet 7^1 \bullet 107^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M6_{-10}(\downarrow m3_{+10})^1} = (1) + \uparrow P5_{-41}(\downarrow P4_{+41})$

$2997 = 3^4 \bullet 37^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^4 + \uparrow m3_{-49}(\downarrow M6_{+49})^1} = (1) + \uparrow P5_{-41}(\downarrow P4_{+41})$

$2998 = 2^1 \bullet 1499^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{-40}(\downarrow P4_{+40})^1} = (1) + \uparrow P5_{-40}(\downarrow P4_{+40})$

$2999 = 2999^1 = \mathbf{(1) + \uparrow P5_{-40}(\downarrow P4_{+40})}$

$3000 = 2^3 \bullet 3^1 \bullet 5^3 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^3} = (1) + \uparrow P5_{-39}(\downarrow P4_{+39})$

$3001 = 3001^1 = \mathbf{(1) + \uparrow P5_{-39}(\downarrow P4_{+39})}$

$3002 = 2^1 \bullet 19^1 \bullet 79^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow M3_{-35}(\downarrow m6_{+35})^1} = (1) + \uparrow P5_{-38}(\downarrow P4_{+38})$

$3003 = 3^1 \bullet 7^1 \bullet 11^1 \bullet 13^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1} = (1) + \uparrow P5_{-37}(\downarrow P4_{+37})$

$3004 = 2^2 \bullet 751^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{-37}(\downarrow P4_{+37})^1} = (1) + \uparrow P5_{-37}(\downarrow P4_{+37})$

$3005 = 5^1 \bullet 601^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m3_{-23}(\downarrow M6_{+23})^1} = (1) + \uparrow P5_{-36}(\downarrow P4_{+36})$

$3006 = 2^1 \bullet 3^2 \bullet 167^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow P4_{-40}(\downarrow P5_{+40})^1} = (1) + \uparrow P5_{-36}(\downarrow P4_{+36})$

$3007 = 31^1 \bullet 97^1 = \mathbf{(1) + \uparrow M7_{+45}(\downarrow m2_{-45})^1 + \uparrow P5_{+20}(\downarrow P4_{-20})^1} = (1) + \uparrow P5_{-35}(\downarrow P4_{+35})$

$3008 = 2^6 \bullet 47^1 = \mathbf{(1) + \updownarrow 8ve(uni)^6 + \uparrow P5_{-34}(\downarrow P4_{+34})^1} = (1) + \uparrow P5_{-34}(\downarrow P4_{+34})$

$3009 = 3^1 \bullet 17^1 \bullet 59^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow M7_{-41}(\downarrow m2_{+41})^1} = (1) + \uparrow P5_{-34}(\downarrow P4_{+34})$

$3010 = 2^1 \bullet 5^1 \bullet 7^1 \bullet 43^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow P4_{+12}(\downarrow P5_{-12})^1} = (1) + \uparrow P5_{-33}(\downarrow P4_{+33})$

$3011 = 3011^1 = \mathbf{(1) + \uparrow P5_{-33}(\downarrow P4_{+33})}$

$3012 = 2^2 \bullet 3^1 \bullet 251^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow 8ve_{-34}(\downarrow uni_{+34})^1} = (1) + \uparrow P5_{-32}(\downarrow P4_{+32})$

$3013 = 23^1 \bullet 131^1 = \mathbf{(1) + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow uni_{+40}(\downarrow 8ve_{-40})^1} = (1) + \uparrow P5_{-32}(\downarrow P4_{+32})$

$3014 = 2^1 \bullet 11^1 \bullet 137^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m2_{+18}(\downarrow M7_{-18})^1} = (1) + \uparrow P5_{-31}(\downarrow P4_{+31})$

$3015 = 3^2 \bullet 5^1 \bullet 67^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m2_{-21}(\downarrow M7_{+21})^1} = (1) + \uparrow P5_{-30}(\downarrow P4_{+30})$

$3016 = 2^3 \bullet 13^1 \bullet 29^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1} = (1) + \uparrow P5_{-30}(\downarrow P4_{+30})$

$3017 = 7^1 \bullet 431^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M6_{+2}(\downarrow m3_{-2})^1} = (1) + \uparrow P5_{-29}(\downarrow P4_{+29})$

$3018 = 2^1 \bullet 3^1 \bullet 503^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow 8ve_{-31}(\downarrow uni_{+31})^1} = (1) + \uparrow P5_{-29}(\downarrow P4_{+29})$

$3019 = 3019^1 = \mathbf{(1) + \uparrow P5_{-28}(\downarrow P4_{+28})}$

$3020 = 2^2 \bullet 5^1 \bullet 151^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m3_{-14}(\downarrow M6_{+14})^1} = (1) + \uparrow P5_{-28}(\downarrow P4_{+28})$

$3021 = 3^1 \bullet 19^1 \bullet 53^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow M6_{-26}(\downarrow m3_{+26})^1} = (1) + \uparrow P5_{-27}(\downarrow P4_{+27})$

$3022 = 2^1 \bullet 1511^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{-26}(\downarrow P4_{+26})^1} = (1) + \uparrow P5_{-26}(\downarrow P4_{+26})$

$3023 = 3023^1 = \mathbf{(1) + \uparrow P5_{-26}(\downarrow P4_{+26})}$

$3024 = 2^4 \bullet 3^3 \bullet 7^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow m7_{-31}(\downarrow M2_{+31})^1} = (1) + \uparrow P5_{-25}(\downarrow P4_{+25})$

$3025 = 5^2 \bullet 11^2 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow tt_{-49}(\downarrow tt_{+49})^2} = (1) + \uparrow P5_{-25}(\downarrow P4_{+25})$

$3026 = 2^1 \bullet 17^1 \bullet 89^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow tt_{-29}(\downarrow tt_{+29})^1} = (1) + \uparrow P5_{-24}(\downarrow P4_{+24})$

$3027 = 3^1 \bullet 1009^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow 8ve_{-26}(\downarrow uni_{+26})^1} = (1) + \uparrow P5_{-24}(\downarrow P4_{+24})$

$3028 = 2^2 \bullet 757^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{-23}(\downarrow P4_{+23})^1} = (1) + \uparrow P5_{-23}(\downarrow P4_{+23})$

$3029 = 13^1 \bullet 233^1 = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow m7_{+37}(\downarrow M2_{-37})^1} = (1) + \uparrow P5_{-22}(\downarrow P4_{+22})$

$3030 = 2^1 \bullet 3^1 \bullet 5^1 \bullet 101^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m6_{-10}(\downarrow M3_{+10})^1} = (1) + \uparrow P5_{-22}(\downarrow P4_{+22})$

$3031 = 7^1 \bullet 433^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M6_{+10}(\downarrow m3_{-10})^1} = (1) + \uparrow P5_{-21}(\downarrow P4_{+21})$

$3032 = 2^3 \bullet 379^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{-21}(\downarrow P4_{+21})^1} = (1) + \uparrow P5_{-21}(\downarrow P4_{+21})$

$3033 = 3^2 \bullet 337^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow P4_{-24}(\downarrow P5_{+24})^1} = (1) + \uparrow P5_{-20}(\downarrow P4_{+20})$

$3034 = 2^1 \bullet 37^1 \bullet 41^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m3_{-49}(\downarrow M6_{+49})^1 + \uparrow M3_{+29}(\downarrow m6_{-29})^1} = (1) + \uparrow P5_{-20}(\downarrow P4_{+20})$

$3035 = 5^1 \bullet 607^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m3_{-5}(\downarrow M6_{+5})^1} = (1) + \uparrow P5_{-19}(\downarrow P4_{+19})$

$3036 = 2^2 \bullet 3^1 \bullet 11^1 \bullet 23^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1} = (1) + \uparrow P5_{-18}(\downarrow P4_{+18})$

$3037 = 3037^1 = \mathbf{(1) + \uparrow P5_{-18}(\downarrow P4_{+18})}$

$3038 = 2^1 \bullet 7^2 \bullet 31^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^2 + \uparrow M7_{+45}(\downarrow m2_{-45})^1} = (1) + \uparrow P5_{-17}(\downarrow P4_{+17})$

$3039 = 3^1 \bullet 1013^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow 8ve_{-19}(\downarrow uni_{+19})^1} = (1) + \uparrow P5_{-17}(\downarrow P4_{+17})$

$3040 = 2^5 \bullet 5^1 \bullet 19^1 = \mathbf{(1) + \updownarrow 8ve(uni)^5 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1} = (1) + \uparrow P5_{-16}(\downarrow P4_{+16})$

$3041 = 3041^1 = \mathbf{(1) + \uparrow P5_{-16}(\downarrow P4_{+16})}$

$3042 = 2^1 \bullet 3^2 \bullet 13^2 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m6_{+41}(\downarrow M3_{-41})^2} = (1) + \uparrow P5_{-15}(\downarrow P4_{+15})$

$3043 = 17^1 \bullet 179^1 = \mathbf{(1) + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow tt_{-19}(\downarrow tt_{+19})^1} = (1) + \uparrow P5_{-14}(\downarrow P4_{+14})$

$3044 = 2^2 \bullet 761^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{-14}(\downarrow P4_{+14})^1} = (1) + \uparrow P5_{-14}(\downarrow P4_{+14})$

$3045 = 3^1 \bullet 5^1 \bullet 7^1 \bullet 29^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1} =$
$(1) + \uparrow P5_{-13}(\downarrow P4_{+13})$

$3046 = 2^1 \bullet 1523^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{-13}(\downarrow P4_{+13})^1} = (1) + \uparrow P5_{-13}(\downarrow P4_{+13})$

$3047 = 11^1 \bullet 277^1 = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m2_{+36}(\downarrow M7_{-36})^1} = (1) + \uparrow P5_{-12}(\downarrow P4_{+12})$

$3048 = 2^3 \bullet 3^1 \bullet 127^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow 8ve_{-14}(\downarrow uni_{+14})^1} = (1) + \uparrow P5_{-12}(\downarrow P4_{+12})$

$3049 = 3049^1 = \mathbf{(1) + \uparrow P5_{-11}(\downarrow P4_{+11})}$

$3050 = 2^1 \bullet 5^2 \bullet 61^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow M7_{+17}(\downarrow m2_{-17})^1} = (1) + \uparrow P5_{-10}(\downarrow P4_{+10})$

$3051 = 3^3 \bullet 113^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow m7_{-16}(\downarrow M2_{+16})^1} = (1) + \uparrow P5_{-10}(\downarrow P4_{+10})$

$3052 = 2^2 \bullet 7^1 \bullet 109^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M6_{+22}(\downarrow m3_{-22})^1} = (1) + \uparrow P5_{-9}(\downarrow P4_{+9})$

$3053 = 43^1 \bullet 71^1 = \mathbf{(1) + \uparrow P4_{+12}(\downarrow P5_{-12})^1 + \uparrow M2_{-20}(\downarrow m7_{+20})^1} = (1) + \uparrow P5_{-9}(\downarrow P4_{+9})$

$3054 = 2^1 \bullet 3^1 \bullet 509^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow 8ve_{-10}(\downarrow uni_{+10})^1} = (1) + \uparrow P5_{-8}(\downarrow P4_{+8})$

$3055 = 5^1 \bullet 13^1 \bullet 47^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow P5_{-34}(\downarrow P4_{+34})^1} = (1) + \uparrow P5_{-8}(\downarrow P4_{+8})$

$3056 = 2^4 \bullet 191^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow P5_{-7}(\downarrow P4_{+7})^1} = (1) + \uparrow P5_{-7}(\downarrow P4_{+7})$

$3057 = 3^1 \bullet 1019^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow 8ve_{-8}(\downarrow uni_{+8})^1} = (1) + \uparrow P5_{-7}(\downarrow P4_{+7})$

$3058 = 2^1 \bullet 11^1 \bullet 139^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m2_{+43}(\downarrow M7_{-43})^1} = (1) + \uparrow P5_{-6}(\downarrow P4_{+6})$

$3059 = 7^1 \bullet 19^1 \bullet 23^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1} = (1) + \uparrow P5_{-5}(\downarrow P4_{+5})$

$3060 = 2^2 \bullet 3^2 \bullet 5^1 \bullet 17^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1} = (1) + \uparrow P5_{-5}(\downarrow P4_{+5})$

$3061 = 3061^1 = \mathbf{(1) + \uparrow P5_{-4}(\downarrow P4_{+4})}$

$3062 = 2^1 \bullet 1531^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{-4}(\downarrow P4_{+4})^1} = (1) + \uparrow P5_{-4}(\downarrow P4_{+4})$

$3063 = 3^{1}\bullet 1021^{1} = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow 8ve_{-5}(\downarrow uni_{+5})^{1} = (1) + \uparrow P5_{-3}(\downarrow P4_{+3})$

$3064 = 2^{3}\bullet 383^{1} = (1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{-3}(\downarrow P4_{+3})^{1} = (1) + \uparrow P5_{-3}(\downarrow P4_{+3})$

$3065 = 5^{1}\bullet 613^{1} = (1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m3_{+12}(\downarrow M6_{-12})^{1} = (1) + \uparrow P5_{-2}(\downarrow P4_{+2})$

$3066 = 2^{1}\bullet 3^{1}\bullet 7^{1}\bullet 73^{1} = (1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M2_{+28}(\downarrow m7_{-28})^{1} = (1) + \uparrow P5_{-1}(\downarrow P4_{+1})$

$3067 = 3067^{1} = (1) + \uparrow P5_{-1}(\downarrow P4_{+1})$

$3068 = 2^{2}\bullet 13^{1}\bullet 59^{1} = (1) + \updownarrow 8ve(uni)^{2} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow M7_{-41}(\downarrow m2_{+41})^{1} = (1) + \uparrow P5_{+0}(\downarrow P4_{-0})$

$3069 = 3^{2}\bullet 11^{1}\bullet 31^{1} = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1} = (1) + \uparrow P5_{+0}(\downarrow P4_{-0})$

$3070 = 2^{1}\bullet 5^{1}\bullet 307^{1} = (1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m3_{+15}(\downarrow M6_{-15})^{1} = (1) + \uparrow P5_{+1}(\downarrow P4_{-1})$

$3071 = 37^{1}\bullet 83^{1} = (1) + \uparrow m3_{-49}(\downarrow M6_{+49})^{1} + \uparrow P4_{-50}(\downarrow P5_{+50})^{1} = (1) + \uparrow P5_{+1}(\downarrow P4_{-1})$

$3072 = 2^{10}\bullet 3^{1} = (1) + \updownarrow 8ve(uni)^{10} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})$

$3073 = 7^{1}\bullet 439^{1} = (1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M6_{+34}(\downarrow m3_{-34})^{1} = (1) + \uparrow P5_{+3}(\downarrow P4_{-3})$

$3074 = 2^{1}\bullet 29^{1}\bullet 53^{1} = (1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1} + \uparrow M6_{-26}(\downarrow m3_{+26})^{1} = (1) + \uparrow P5_{+3}(\downarrow P4_{-3})$

$3075 = 3^{1}\bullet 5^{2}\bullet 41^{1} = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow M3_{+29}(\downarrow m6_{-29})^{1} = (1) + \uparrow P5_{+4}(\downarrow P4_{-4})$

$3076 = 2^{2}\bullet 769^{1} = (1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+4}(\downarrow P4_{-4})^{1} = (1) + \uparrow P5_{+4}(\downarrow P4_{-4})$

$3077 = 17^{1}\bullet 181^{1} = (1) + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow tt_{+0}(\downarrow tt_{-0})^{1} = (1) + \uparrow P5_{+5}(\downarrow P4_{-5})$

$3078 = 2^{1}\bullet 3^{4}\bullet 19^{1} = (1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{4} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} = (1) + \uparrow P5_{+5}(\downarrow P4_{-5})$

$3079 = 3079^{1} = (1) + \uparrow P5_{+6}(\downarrow P4_{-6})$

$3080 = 2^{3}\bullet 5^{1}\bullet 7^{1}\bullet 11^{1} = (1) + \updownarrow 8ve(uni)^{3} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} = (1) + \uparrow P5_{+6}(\downarrow P4_{-6})$

$3081 = 3^{1}\bullet 13^{1}\bullet 79^{1} = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow M3_{-35}(\downarrow m6_{+35})^{1} = (1) + \uparrow P5_{+7}(\downarrow P4_{-7})$

$3082 = 2^{1}\bullet 23^{1}\bullet 67^{1} = (1) + \updownarrow 8ve(uni)^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow m2_{-21}(\downarrow M7_{+21})^{1} = (1) + \uparrow P5_{+8}(\downarrow P4_{-8})$

$3083 = 3083^{1} = (1) + \uparrow P5_{+8}(\downarrow P4_{-8})$

$3084 = 2^{2}\bullet 3^{1}\bullet 257^{1} = (1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow uni_{+7}(\downarrow 8ve_{-7})^{1} = (1) + \uparrow P5_{+9}(\downarrow P4_{-9})$

$3085 = 5^{1}\bullet 617^{1} = (1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m3_{+23}(\downarrow M6_{-23})^{1} = (1) + \uparrow P5_{+9}(\downarrow P4_{-9})$

$3086 = 2^{1}\bullet 1543^{1} = (1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+10}(\downarrow P4_{-10})^{1} = (1) + \uparrow P5_{+10}(\downarrow P4_{-10})$

$3087 = 3^{2}\bullet 7^{3} = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{3} = (1) + \uparrow P5_{+10}(\downarrow P4_{-10})$

$3088 = 2^{4}\bullet 193^{1} = (1) + \updownarrow 8ve(uni)^{4} + \uparrow P5_{+11}(\downarrow P4_{-11})^{1} = (1) + \uparrow P5_{+11}(\downarrow P4_{-11})$

$3089 = 3089^{1} = (1) + \uparrow P5_{+12}(\downarrow P4_{-12})$

$3090 = 2^{1}\bullet 3^{1}\bullet 5^{1}\bullet 103^{1} = (1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m6_{+24}(\downarrow M3_{-24})^{1} = (1) + \uparrow P5_{+12}(\downarrow P4_{-12})$

$3091 = 11^{1}\bullet 281^{1} = (1) + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow M2_{-39}(\downarrow m7_{+39})^{1} = (1) + \uparrow P5_{+13}(\downarrow P4_{-13})$

$3092 = 2^{2}\bullet 773^{1} = (1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+13}(\downarrow P4_{-13})^{1} = (1) + \uparrow P5_{+13}(\downarrow P4_{-13})$

$3093 = 3^{1}\bullet 1031^{1} = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow uni_{+12}(\downarrow 8ve_{-12})^{1} = (1) + \uparrow P5_{+14}(\downarrow P4_{-14})$

$3094 = 2^{1}\bullet 7^{1}\bullet 13^{1}\bullet 17^{1} = (1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} = (1) + \uparrow P5_{+14}(\downarrow P4_{-14})$

$3095 = 5^{1}\bullet 619^{1} = (1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m3_{+29}(\downarrow M6_{-29})^{1} = (1) + \uparrow P5_{+15}(\downarrow P4_{-15})$

$3096 = 2^{3}\bullet 3^{2}\bullet 43^{1} = (1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow P4_{+12}(\downarrow P5_{-12})^{1} = (1) + \uparrow P5_{+15}(\downarrow P4_{-15})$

$3097 = 19^{1}\bullet 163^{1} = (1) + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow M3_{+18}(\downarrow m6_{-18})^{1} = (1) + \uparrow P5_{+16}(\downarrow P4_{-16})$

$3098 = 2^{1}\bullet 1549^{1} = (1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+17}(\downarrow P4_{-17})^{1} = (1) + \uparrow P5_{+17}(\downarrow P4_{-17})$

$3099 = 3^{1}\bullet 1033^{1} = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow uni_{+15}(\downarrow 8ve_{-15})^{1} = (1) + \uparrow P5_{+17}(\downarrow P4_{-17})$

$3100 = 2^{2}\bullet 5^{2}\bullet 31^{1} = (1) + \updownarrow 8ve(uni)^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1} = (1) + \uparrow P5_{+18}(\downarrow P4_{-18})$

$3101 = 7^{1}\bullet 443^{1} = (1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M6_{+49}(\downarrow m3_{-49})^{1} = (1) + \uparrow P5_{+18}(\downarrow P4_{-18})$

$3102 = 2^{1}\bullet 3^{1}\bullet 11^{1}\bullet 47^{1} = (1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow P5_{-34}(\downarrow P4_{+34})^{1} = (1) + \uparrow P5_{+19}(\downarrow P4_{-19})$

$3103 = 29^{1}\bullet 107^{1} = (1) + \uparrow m7_{+30}(\downarrow M2_{-30})^{1} + \uparrow M6_{-10}(\downarrow m3_{+10})^{1} = (1) + \uparrow P5_{+19}(\downarrow P4_{-19})$

$3104 = 2^{5}\bullet 97^{1} = (1) + \updownarrow 8ve(uni)^{5} + \uparrow P5_{+20}(\downarrow P4_{-20})^{1} = (1) + \uparrow P5_{+20}(\downarrow P4_{-20})$

$3105 = 3^3 \bullet 5^1 \bullet 23^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1} = (1) + \uparrow P5_{+20}(\downarrow P4_{-20})$

$3106 = 2^1 \bullet 1553^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+21}(\downarrow P4_{-21})^1} = (1) + \uparrow P5_{+21}(\downarrow P4_{-21})$

$3107 = 13^1 \bullet 239^1 = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow M7_{-19}(\downarrow m2_{+19})^1} = (1) + \uparrow P5_{+22}(\downarrow P4_{-22})$

$3108 = 2^2 \bullet 3^1 \bullet 7^1 \bullet 37^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m3_{-49}(\downarrow M6_{+49})^1} = (1) + \uparrow P5_{+22}(\downarrow P4_{-22})$

$3109 = 3109^1 = \mathbf{(1) + \uparrow P5_{+23}(\downarrow P4_{-23})}$

$3110 = 2^1 \bullet 5^1 \bullet 311^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m3_{+37}(\downarrow M6_{-37})^1} = (1) + \uparrow P5_{+23}(\downarrow P4_{-23})$

$3111 = 3^1 \bullet 17^1 \bullet 61^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow M7_{+17}(\downarrow m2_{-17})^1} = (1) + \uparrow P5_{+24}(\downarrow P4_{-24})$

$3112 = 2^3 \bullet 389^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{+24}(\downarrow P4_{-24})^1} = (1) + \uparrow P5_{+24}(\downarrow P4_{-24})$

$3113 = 11^1 \bullet 283^1 = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow M2_{-26}(\downarrow m7_{+26})^1} = (1) + \uparrow P5_{+25}(\downarrow P4_{-25})$

$3114 = 2^1 \bullet 3^2 \bullet 173^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow P4_{+22}(\downarrow P5_{-22})^1} = (1) + \uparrow P5_{+25}(\downarrow P4_{-25})$

$3115 = 5^1 \bullet 7^1 \bullet 89^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow tt_{-29}(\downarrow tt_{+29})^1} = (1) + \uparrow P5_{+26}(\downarrow P4_{-26})$

$3116 = 2^2 \bullet 19^1 \bullet 41^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow M3_{+29}(\downarrow m6_{-29})^1} = (1) + \uparrow P5_{+27}(\downarrow P4_{-27})$

$3117 = 3^1 \bullet 1039^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow uni_{+25}(\downarrow 8ve_{-25})^1} = (1) + \uparrow P5_{+27}(\downarrow P4_{-27})$

$3118 = 2^1 \bullet 1559^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+28}(\downarrow P4_{-28})^1} = (1) + \uparrow P5_{+28}(\downarrow P4_{-28})$

$3119 = 3119^1 = \mathbf{(1) + \uparrow P5_{+28}(\downarrow P4_{-28})}$

$3120 = 2^4 \bullet 3^1 \bullet 5^1 \bullet 13^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1} = (1) + \uparrow P5_{+29}(\downarrow P4_{-29})$

$3121 = 3121^1 = \mathbf{(1) + \uparrow P5_{+29}(\downarrow P4_{-29})}$

$3122 = 2^1 \bullet 7^1 \bullet 223^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m7_{-39}(\downarrow M2_{+39})^1} = (1) + \uparrow P5_{+30}(\downarrow P4_{-30})$

$3123 = 3^2 \bullet 347^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow P4_{+27}(\downarrow P5_{-27})^1} = (1) + \uparrow P5_{+30}(\downarrow P4_{-30})$

$3124 = 2^2 \bullet 11^1 \bullet 71^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow M2_{-20}(\downarrow m7_{+20})^1} = (1) + \uparrow P5_{+31}(\downarrow P4_{-31})$

$3125 = 5^5 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^5} = (1) + \uparrow P5_{+32}(\downarrow P4_{-32})$

$3126 = 2^1 \bullet 3^1 \bullet 521^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow uni_{+30}(\downarrow 8ve_{-30})^1} = (1) + \uparrow P5_{+32}(\downarrow P4_{-32})$

$3127 = 53^1 \bullet 59^1 = \mathbf{(1) + \uparrow M6_{-26}(\downarrow m3_{+26})^1 + \uparrow M7_{-41}(\downarrow m2_{+41})^1} = (1) + \uparrow P5_{+33}(\downarrow P4_{-33})$

$3128 = 2^3 \bullet 17^1 \bullet 23^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1} = (1) + \uparrow P5_{+33}(\downarrow P4_{-33})$

$3129 = 3^1 \bullet 7^1 \bullet 149^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m3_{-37}(\downarrow M6_{+37})^1} = (1) + \uparrow P5_{+34}(\downarrow P4_{-34})$

$3130 = 2^1 \bullet 5^1 \bullet 313^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m3_{+48}(\downarrow M6_{-48})^1} = (1) + \uparrow P5_{+34}(\downarrow P4_{-34})$

$3131 = 31^1 \bullet 101^1 = \mathbf{(1) + \uparrow M7_{+45}(\downarrow m2_{-45})^1 + \uparrow m6_{-10}(\downarrow M3_{+10})^1} = (1) + \uparrow P5_{+35}(\downarrow P4_{-35})$

$3132 = 2^2 \bullet 3^3 \bullet 29^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow m7_{+30}(\downarrow M2_{-30})^1} = (1) + \uparrow P5_{+35}(\downarrow P4_{-35})$

$3133 = 13^1 \bullet 241^1 = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow M7_{-5}(\downarrow m2_{+5})^1} = (1) + \uparrow P5_{+36}(\downarrow P4_{-36})$

$3134 = 2^1 \bullet 1567^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+37}(\downarrow P4_{-37})^1} = (1) + \uparrow P5_{+37}(\downarrow P4_{-37})$

$3135 = 3^1 \bullet 5^1 \bullet 11^1 \bullet 19^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1} = (1) + \uparrow P5_{+37}(\downarrow P4_{-37})$

$3136 = 2^6 \bullet 7^2 = \mathbf{(1) + \updownarrow 8ve(uni)^6 + \uparrow m7_{-31}(\downarrow M2_{+31})^2} = (1) + \uparrow P5_{+38}(\downarrow P4_{-38})$

$3137 = 3137^1 = \mathbf{(1) + \uparrow P5_{+38}(\downarrow P4_{-38})}$

$3138 = 2^1 \bullet 3^1 \bullet 523^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow uni_{+37}(\downarrow 8ve_{-37})^1} = (1) + \uparrow P5_{+39}(\downarrow P4_{-39})$

$3139 = 43^1 \bullet 73^1 = \mathbf{(1) + \uparrow P4_{+12}(\downarrow P5_{-12})^1 + \uparrow M2_{+28}(\downarrow m7_{-28})^1} = (1) + \uparrow P5_{+39}(\downarrow P4_{-39})$

$3140 = 2^2 \bullet 5^1 \bullet 157^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M3_{-46}(\downarrow m6_{+46})^1} = (1) + \uparrow P5_{+40}(\downarrow P4_{-40})$

$3141 = 3^2 \bullet 349^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow P4_{+36}(\downarrow P5_{-36})^1} = (1) + \uparrow P5_{+40}(\downarrow P4_{-40})$

$3142 = 2^1 \bullet 1571^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+41}(\downarrow P4_{-41})^1} = (1) + \uparrow P5_{+41}(\downarrow P4_{-41})$

$3143 = 7^1 \bullet 449^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m7_{-27}(\downarrow M2_{+27})^1} = (1) + \uparrow P5_{+42}(\downarrow P4_{-42})$

$3144 = 2^3 \bullet 3^1 \bullet 131^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow uni_{+40}(\downarrow 8ve_{-40})^1} = (1) + \uparrow P5_{+42}(\downarrow P4_{-42})$

$3145 = 5^1 \bullet 17^1 \bullet 37^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow m3_{-49}(\downarrow M6_{+49})^1} = (1) + \uparrow P5_{+43}(\downarrow P4_{-43})$

$3146 = 2^1 \bullet 11^2 \bullet 13^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^2 + \uparrow m6_{+41}(\downarrow M3_{-41})^1} = (1) + \uparrow P5_{+43}(\downarrow P4_{-43})$

$3147 = 3^1 \bullet 1049^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow uni_{+42}(\downarrow 8ve_{-42})^1} = (1) + \uparrow P5_{+44}(\downarrow P4_{-44})$

$3148 = 2^2 \bullet 787^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+44}(\downarrow P4_{-44})^1} = (1) + \uparrow P5_{+44}(\downarrow P4_{-44})$

$3149 = 47^1 \bullet 67^1 = \mathbf{(1) + \uparrow P5_{-34}(\downarrow P4_{+34})^1 + \uparrow m2_{-21}(\downarrow M7_{+21})^1} = (1) + \uparrow P5_{+45}(\downarrow P4_{-45})$

$3150 = 2^1 \bullet 3^2 \bullet 5^2 \bullet 7^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow m7_{-31}(\downarrow M2_{+31})^1} = (1) + \uparrow P5_{+45}(\downarrow P4_{-45})$

$3151 = 23^1 \bullet 137^1 = \mathbf{(1) + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow m2_{+18}(\downarrow M7_{-18})^1} = (1) + \uparrow P5_{+46}(\downarrow P4_{-46})$

$3152 = 2^4 \bullet 197^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow P5_{+46}(\downarrow P4_{-46})^1} = (1) + \uparrow P5_{+46}(\downarrow P4_{-46})$

$3153 = 3^1 \bullet 1051^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow uni_{+45}(\downarrow 8ve_{-45})^1} = (1) + \uparrow P5_{+47}(\downarrow P4_{-47})$

$3154 = 2^1 \bullet 19^1 \bullet 83^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow P4_{-50}(\downarrow P5_{+50})^1} = (1) + \uparrow P5_{+48}(\downarrow P4_{-48})$

$3155 = 5^1 \bullet 631^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M3_{-38}(\downarrow m6_{+38})^1} = (1) + \uparrow P5_{+48}(\downarrow P4_{-48})$

$3156 = 2^2 \bullet 3^1 \bullet 263^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow uni_{+47}(\downarrow 8ve_{-47})^1} = (1) + \uparrow P5_{+49}(\downarrow P4_{-49})$

$3157 = 7^1 \bullet 11^1 \bullet 41^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow M3_{+29}(\downarrow m6_{-29})^1} = (1) + \uparrow P5_{+49}(\downarrow P4_{-49})$

$3158 = 2^1 \bullet 1579^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+50}(\downarrow P4_{-50})^1} = (1) + \uparrow P5_{+50}(\downarrow P4_{-50})$

$3159 = 3^5 \bullet 13^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^5 + \uparrow m6_{+41}(\downarrow M3_{-41})^1} = (1) + \uparrow m6_{-50}(\downarrow M3_{+50})$

$3160 = 2^3 \bullet 5^1 \bullet 79^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M3_{-35}(\downarrow m6_{+35})^1} = (1) + \uparrow m6_{-49}(\downarrow M3_{+49})$

$3161 = 29^1 \bullet 109^1 = \mathbf{(1) + \uparrow m7_{+30}(\downarrow M2_{-30})^1 + \uparrow M6_{+22}(\downarrow m3_{-22})^1} = (1) + \uparrow m6_{-49}(\downarrow M3_{+49})$

$3162 = 2^1 \bullet 3^1 \bullet 17^1 \bullet 31^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow M7_{+45}(\downarrow m2_{-45})^1} = (1) + \uparrow m6_{-48}(\downarrow M3_{+48})$

$3163 = 3163^1 = \mathbf{(1) + \uparrow m6_{-48}(\downarrow M3_{+48})}$

$3164 = 2^2 \bullet 7^1 \bullet 113^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m7_{-16}(\downarrow M2_{+16})^1} = (1) + \uparrow m6_{-47}(\downarrow M3_{+47})$

$3165 = 3^1 \bullet 5^1 \bullet 211^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M6_{-35}(\downarrow m3_{+35})^1} = (1) + \uparrow m6_{-46}(\downarrow M3_{+46})$

$3166 = 2^1 \bullet 1583^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m6_{-46}(\downarrow M3_{+46})^1} = (1) + \uparrow m6_{-46}(\downarrow M3_{+46})$

$3167 = 3167^1 = \mathbf{(1) + \uparrow m6_{-45}(\downarrow M3_{+45})}$

$3168 = 2^5 \bullet 3^2 \bullet 11^1 = \mathbf{(1) + \updownarrow 8ve(uni)^5 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow tt_{-49}(\downarrow tt_{+49})^1} = (1) + \uparrow m6_{-45}(\downarrow M3_{+45})$

$3169 = 3169^1 = \mathbf{(1) + \uparrow m6_{-44}(\downarrow M3_{+44})}$

$3170 = 2^1 \bullet 5^1 \bullet 317^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M3_{-30}(\downarrow m6_{+30})^1} = (1) + \uparrow m6_{-44}(\downarrow M3_{+44})$

$3171 = 3^1 \bullet 7^1 \bullet 151^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m3_{-14}(\downarrow M6_{+14})^1} = (1) + \uparrow m6_{-43}(\downarrow M3_{+43})$

$3172 = 2^2 \bullet 13^1 \bullet 61^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow M7_{+17}(\downarrow m2_{-17})^1} = (1) + \uparrow m6_{-43}(\downarrow M3_{+43})$

$3173 = 19^1 \bullet 167^1 = \mathbf{(1) + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow P4_{-40}(\downarrow P5_{+40})^1} = (1) + \uparrow m6_{-42}(\downarrow M3_{+42})$

$3174 = 2^1 \bullet 3^1 \bullet 23^2 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^2} = (1) + \uparrow m6_{-41}(\downarrow M3_{+41})$

$3175 = 5^2 \bullet 127^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow 8ve_{-14}(\downarrow uni_{+14})^1} = (1) + \uparrow m6_{-41}(\downarrow M3_{+41})$

$3176 = 2^3 \bullet 397^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow m6_{-40}(\downarrow M3_{+40})^1} = (1) + \uparrow m6_{-40}(\downarrow M3_{+40})$

$3177 = 3^2 \bullet 353^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow tt_{-44}(\downarrow tt_{+44})^1} = (1) + \uparrow m6_{-40}(\downarrow M3_{+40})$

$3178 = 2^1 \bullet 7^1 \bullet 227^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m7_{-8}(\downarrow M2_{+8})^1} = (1) + \uparrow m6_{-39}(\downarrow M3_{+39})$

$3179 = 11^1 \bullet 17^2 = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^2} = (1) + \uparrow m6_{-39}(\downarrow M3_{+39})$

$3180 = 2^2 \bullet 3^1 \bullet 5^1 \bullet 53^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M6_{-26}(\downarrow m3_{+26})^1} = (1) + \uparrow m6_{-38}(\downarrow M3_{+38})$

$3181 = 3181^1 = \mathbf{(1) + \uparrow m6_{-38}(\downarrow M3_{+38})}$

$3182 = 2^1 \bullet 37^1 \bullet 43^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m3_{-49}(\downarrow M6_{+49})^1 + \uparrow P4_{+12}(\downarrow P5_{-12})^1} = (1) + \uparrow m6_{-37}(\downarrow M3_{+37})$

$3183 = 3^1 \bullet 1061^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m2_{-39}(\downarrow M7_{+39})^1} = (1) + \uparrow m6_{-37}(\downarrow M3_{+37})$

$3184 = 2^4 \bullet 199^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow m6_{-36}(\downarrow M3_{+36})^1} = (1) + \uparrow m6_{-36}(\downarrow M3_{+36})$

$3185 = 5^1 \bullet 7^2 \bullet 13^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^2 + \uparrow m6_{+41}(\downarrow M3_{-41})^1} = (1) + \uparrow m6_{-36}(\downarrow M3_{+36})$

$3186 = 2^1 \bullet 3^3 \bullet 59^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow M7_{-41}(\downarrow m2_{+41})^1} = (1) + \uparrow m6_{-35}(\downarrow M3_{+35})$

$3187 = 3187^1 = \mathbf{(1) + \uparrow m6_{-34}(\downarrow M3_{+34})}$

$3188 = 2^2 \bullet 797^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m6_{-34}(\downarrow M3_{+34})^1} = (1) + \uparrow m6_{-34}(\downarrow M3_{+34})$

$3189 = 3^1 \bullet 1063^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m2_{-35}(\downarrow M7_{+35})^1} = (1) + \uparrow m6_{-33}(\downarrow M3_{+33})$

$3190 = 2^1 \bullet 5^1 \bullet 11^1 \bullet 29^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1} = (1) + \uparrow m6_{-33}(\downarrow M3_{+33})$

$3191 = 3191^1 = \mathbf{(1) + \uparrow m6_{-32}(\downarrow M3_{+32})}$

$3192 = 2^3 \bullet 3^1 \bullet 7^1 \bullet 19^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1} = (1) + \uparrow m6_{-32}(\downarrow M3_{+32})$

$3193 = 31^1 \bullet 103^1 = \mathbf{(1) + \uparrow M7_{+45}(\downarrow m2_{-45})^1 + \uparrow m6_{+24}(\downarrow M3_{-24})^1} = (1) + \uparrow m6_{-31}(\downarrow M3_{+31})$

$3194 = 2^1 \bullet 1597^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m6_{-31}(\downarrow M3_{+31})^1} = (1) + \uparrow m6_{-31}(\downarrow M3_{+31})$

$3195 = 3^2 \bullet 5^1 \bullet 71^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M2_{-20}(\downarrow m7_{+20})^1} = (1) + \uparrow m6_{-30}(\downarrow M3_{+30})$

$3196 = 2^2 \bullet 17^1 \bullet 47^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow P5_{-34}(\downarrow P4_{+34})^1} = (1) + \uparrow m6_{-30}(\downarrow M3_{+30})$

$3197 = 23^1 \bullet 139^1 = \mathbf{(1) + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow m2_{+43}(\downarrow M7_{-43})^1} = (1) + \uparrow m6_{-29}(\downarrow M3_{+29})$

$3198 = 2^1 \bullet 3^1 \bullet 13^1 \bullet 41^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow M3_{+29}(\downarrow m6_{-29})^1} = (1) + \uparrow m6_{-28}(\downarrow M3_{+28})$

$3199 = 7^1 \bullet 457^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m7_{+3}(\downarrow M2_{-3})^1} = (1) + \uparrow m6_{-28}(\downarrow M3_{+28})$

$3200 = 2^7 \bullet 5^2 = \mathbf{(1) + \updownarrow 8ve(uni)^7 + \uparrow M3_{-14}(\downarrow m6_{+14})^2} = (1) + \uparrow m6_{-27}(\downarrow M3_{+27})$

$3201 = 3^1 \bullet 11^1 \bullet 97^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow P5_{+20}(\downarrow P4_{-20})^1} = (1) + \uparrow m6_{-27}(\downarrow M3_{+27})$

$3202 = 2^1 \bullet 1601^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m6_{-26}(\downarrow M3_{+26})^1} = (1) + \uparrow m6_{-26}(\downarrow M3_{+26})$

$3203 = 3203^1 = \mathbf{(1) + \uparrow m6_{-26}(\downarrow M3_{+26})}$

$3204 = 2^2 \bullet 3^2 \bullet 89^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow tt_{-29}(\downarrow tt_{+29})^1} = (1) + \uparrow m6_{-25}(\downarrow M3_{+25})$

$3205 = 5^1 \bullet 641^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M3_{-11}(\downarrow m6_{+11})^1} = (1) + \uparrow m6_{-25}(\downarrow M3_{+25})$

$3206 = 2^1 \bullet 7^1 \bullet 229^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m7_{+7}(\downarrow M2_{-7})^1} = (1) + \uparrow m6_{-24}(\downarrow M3_{+24})$

$3207 = 3^1 \bullet 1069^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m2_{-26}(\downarrow M7_{+26})^1} = (1) + \uparrow m6_{-24}(\downarrow M3_{+24})$

$3208 = 2^3 \bullet 401^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow m6_{-23}(\downarrow M3_{+23})^1} = (1) + \uparrow m6_{-23}(\downarrow M3_{+23})$

$3209 = 3209^1 = \mathbf{(1) + \uparrow m6_{-23}(\downarrow M3_{+23})}$

$3210 = 2^1 \bullet 3^1 \bullet 5^1 \bullet 107^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M6_{-10}(\downarrow m3_{+10})^1} = (1) + \uparrow m6_{-22}(\downarrow M3_{+22})$

$3211 = 13^2 \bullet 19^1 = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^2 + \uparrow m3_{-2}(\downarrow M6_{+2})^1} = (1) + \uparrow m6_{-21}(\downarrow M3_{+21})$

$3212 = 2^2 \bullet 11^1 \bullet 73^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow M2_{+28}(\downarrow m7_{-28})^1} = (1) + \uparrow m6_{-21}(\downarrow M3_{+21})$

$3213 = 3^3 \bullet 7^1 \bullet 17^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1} = (1) + \uparrow m6_{-20}(\downarrow M3_{+20})$

$3214 = 2^1 \bullet 1607^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m6_{-20}(\downarrow M3_{+20})^1} = (1) + \uparrow m6_{-20}(\downarrow M3_{+20})$

$3215 = 5^1 \bullet 643^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M3_{-6}(\downarrow m6_{+6})^1} = (1) + \uparrow m6_{-19}(\downarrow M3_{+19})$

$3216 = 2^4 \bullet 3^1 \bullet 67^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m2_{-21}(\downarrow M7_{+21})^1} = (1) + \uparrow m6_{-19}(\downarrow M3_{+19})$

$3217 = 3217^1 = \mathbf{(1) + \uparrow m6_{-18}(\downarrow M3_{+18})}$

$3218 = 2^1 \bullet 1609^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m6_{-18}(\downarrow M3_{+18})^1} = (1) + \uparrow m6_{-18}(\downarrow M3_{+18})$

$3219 = 3^1 \bullet 29^1 \bullet 37^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1 + \uparrow m3_{-49}(\downarrow M6_{+49})^1} = (1) + \uparrow m6_{-17}(\downarrow M3_{+17})$

$3220 = 2^2 \bullet 5^1 \bullet 7^1 \bullet 23^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1} = (1) + \uparrow m6_{-17}(\downarrow M3_{+17})$

$3221 = 3221^1 = \mathbf{(1) + \uparrow m6_{-16}(\downarrow M3_{+16})}$

$3222 = 2^1 \bullet 3^2 \bullet 179^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow tt_{-19}(\downarrow tt_{+19})^1} = (1) + \uparrow m6_{-16}(\downarrow M3_{+16})$

$3223 = 11^1 \bullet 293^1 = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow M2_{+34}(\downarrow m7_{-34})^1} = (1) + \uparrow m6_{-15}(\downarrow M3_{+15})$

$3224 = 2^3 \bullet 13^1 \bullet 31^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow M7_{+45}(\downarrow m2_{-45})^1} = (1) + \uparrow m6_{-14}(\downarrow M3_{+14})$

$3225 = 3^1 \bullet 5^2 \bullet 43^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow P4_{+12}(\downarrow P5_{-12})^1} = (1) + \uparrow m6_{-14}(\downarrow M3_{+14})$

$3226 = 2^1 \bullet 1613^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m6_{-13}(\downarrow M3_{+13})^1} = (1) + \uparrow m6_{-13}(\downarrow M3_{+13})$

$3227 = 7^1 \bullet 461^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m7_{+18}(\downarrow M2_{-18})^1} = (1) + \uparrow m6_{-13}(\downarrow M3_{+13})$

$3228 = 2^2 \bullet 3^1 \bullet 269^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m2_{-14}(\downarrow M7_{+14})^1} = (1) + \uparrow m6_{-12}(\downarrow M3_{+12})$

$3229 = 3229^1 = \mathbf{(1) + \uparrow m6_{-12}(\downarrow M3_{+12})}$

$3230 = 2^1 \bullet 5^1 \bullet 17^1 \bullet 19^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1} = (1) + \uparrow m6_{-11}(\downarrow M3_{+11})$

$3231 = 3^2 \bullet 359^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow tt_{-15}(\downarrow tt_{+15})^1} = (1) + \uparrow m6_{-11}(\downarrow M3_{+11})$

$3232 = 2^5 \bullet 101^1 = \mathbf{(1) + \updownarrow 8ve(uni)^5 + \uparrow m6_{-10}(\downarrow M3_{+10})^1} = (1) + \uparrow m6_{-10}(\downarrow M3_{+10})$

$3233 = 53^1 \bullet 61^1 = \mathbf{(1) + \uparrow M6_{-26}(\downarrow m3_{+26})^1 + \uparrow M7_{+17}(\downarrow m2_{-17})^1} = (1) + \uparrow m6_{-10}(\downarrow M3_{+10})$

$3234 = 2^1 \bullet 3^1 \bullet 7^2 \bullet 11^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^2 + \uparrow tt_{-49}(\downarrow tt_{+49})^1} = (1) + \uparrow m6_{-9}(\downarrow M3_{+9})$

$3235 = 5^1 \bullet 647^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M3_{+5}(\downarrow m6_{-5})^1} = (1) + \uparrow m6_{-9}(\downarrow M3_{+9})$

$3236 = 2^2 \bullet 809^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m6_{-8}(\downarrow M3_{+8})^1} = (1) + \uparrow m6_{-8}(\downarrow M3_{+8})$

$3237 = 3^1 \bullet 13^1 \bullet 83^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow P4_{-50}(\downarrow P5_{+50})^1} = (1) + \uparrow m6_{-7}(\downarrow M3_{+7})$

$3238 = 2^1 \bullet 1619^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m6_{-7}(\downarrow M3_{+7})^1} = (1) + \uparrow m6_{-7}(\downarrow M3_{+7})$

$3239 = 41^1 \bullet 79^1 = \mathbf{(1) + \uparrow M3_{+29}(\downarrow m6_{-29})^1 + \uparrow M3_{-35}(\downarrow m6_{+35})^1} = (1) + \uparrow m6_{-6}(\downarrow M3_{+6})$

$3240 = 2^3 \bullet 3^4 \bullet 5^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{+2}(\downarrow P4_{-2})^4 + \uparrow M3_{-14}(\downarrow m6_{+14})^1} = (1) + \uparrow m6_{-6}(\downarrow M3_{+6})$

$3241 = 7^1 \bullet 463^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m7_{+26}(\downarrow M2_{-26})^1} = (1) + \uparrow m6_{-5}(\downarrow M3_{+5})$

$3242 = 2^1 \bullet 1621^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m6_{-5}(\downarrow M3_{+5})^1} = (1) + \uparrow m6_{-5}(\downarrow M3_{+5})$

$3243 = 3^1 \bullet 23^1 \bullet 47^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow P5_{-34}(\downarrow P4_{+34})^1} = (1) + \uparrow m6_{-4}(\downarrow M3_{+4})$

$3244 = 2^2 \bullet 811^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m6_{-4}(\downarrow M3_{+4})^1} = (1) + \uparrow m6_{-4}(\downarrow M3_{+4})$

$3245 = 5^1 \bullet 11^1 \bullet 59^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow M7_{-41}(\downarrow m2_{+41})^1} = (1) + \uparrow m6_{-3}(\downarrow M3_{+3})$

$3246 = 2^1 \bullet 3^1 \bullet 541^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m2_{-5}(\downarrow M7_{+5})^1} = (1) + \uparrow m6_{-3}(\downarrow M3_{+3})$

$3247 = 17^1 \bullet 191^1 = \mathbf{(1) + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow P5_{-7}(\downarrow P4_{+7})^1} = (1) + \uparrow m6_{-2}(\downarrow M3_{+2})$

$3248 = 2^4 \bullet 7^1 \bullet 29^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1} = (1) + \uparrow m6_{-2}(\downarrow M3_{+2})$

$3249 = 3^2 \bullet 19^2 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m3_{-2}(\downarrow M6_{+2})^2} = (1) + \uparrow m6_{-1}(\downarrow M3_{+1})$

$3250 = 2^1 \bullet 5^3 \bullet 13^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^3 + \uparrow m6_{+41}(\downarrow M3_{-41})^1} = (1) + \uparrow m6_{-1}(\downarrow M3_{+1})$

$3251 = 3251^1 = \mathbf{(1) + \uparrow m6_{+0}(\downarrow M3_{-0})}$

$3252 = 2^2 \bullet 3^1 \bullet 271^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m2_{-1}(\downarrow M7_{+1})^1} = (1) + \uparrow m6_{+1}(\downarrow M3_{-1})$

$3253 = 3253^1 = \mathbf{(1) + \uparrow m6_{+1}(\downarrow M3_{-1})}$

$3254 = 2^1 \bullet 1627^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m6_{+2}(\downarrow M3_{-2})^1} = (1) + \uparrow m6_{+2}(\downarrow M3_{-2})$

$3255 = 3^1 \bullet 5^1 \bullet 7^1 \bullet 31^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M7_{+45}(\downarrow m2_{-45})^1} = (1) + \uparrow m6_{+2}(\downarrow M3_{-2})$

$3256 = 2^3 \bullet 11^1 \bullet 37^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m3_{-49}(\downarrow M6_{+49})^1} = (1) + \uparrow m6_{+3}(\downarrow M3_{-3})$

$3257 = 3257^1 = \mathbf{(1) + \uparrow m6_{+3}(\downarrow M3_{-3})}$

$3258 = 2^1 \bullet 3^2 \bullet 181^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow tt_{+0}(\downarrow tt_{-0})^1} = (1) + \uparrow m6_{+4}(\downarrow M3_{-4})$

$3259 = 3259^1 = \mathbf{(1) + \uparrow m6_{+4}(\downarrow M3_{-4})}$

$3260 = 2^2 \bullet 5^1 \bullet 163^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M3_{+18}(\downarrow m6_{-18})^1} = (1) + \uparrow m6_{+5}(\downarrow M3_{-5})$

$3261 = 3^1 \bullet 1087^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m2_{+3}(\downarrow M7_{-3})^1} = (1) + \uparrow m6_{+5}(\downarrow M3_{-5})$

$3262 = 2^1 \bullet 7^1 \bullet 233^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m7_{+37}(\downarrow M2_{-37})^1} = (1) + \uparrow m6_{+6}(\downarrow M3_{-6})$

$3263 = 13^1 \bullet 251^1 = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow 8ve_{-34}(\downarrow uni_{+34})^1} = (1) + \uparrow m6_{+6}(\downarrow M3_{-6})$

$3264 = 2^6 \bullet 3^1 \bullet 17^1 = \mathbf{(1) + \updownarrow 8ve(uni)^6 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1} = (1) + \uparrow m6_{+7}(\downarrow M3_{-7})$

$3265 = 5^1 \bullet 653^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M3_{+21}(\downarrow m6_{-21})^1} = (1) + \uparrow m6_{+7}(\downarrow M3_{-7})$

$3266 = 2^1 \bullet 23^1 \bullet 71^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow M2_{-20}(\downarrow m7_{+20})^1} = (1) + \uparrow m6_{+8}(\downarrow M3_{-8})$

$3267 = 3^3 \bullet 11^2 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow tt_{-49}(\downarrow tt_{+49})^2} = (1) + \uparrow m6_{+9}(\downarrow M3_{-9})$

$3268 = 2^2 \bullet 19^1 \bullet 43^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow P4_{+12}(\downarrow P5_{-12})^1} = (1) + \uparrow m6_{+9}(\downarrow M3_{-9})$

$3269 = 7^1 \bullet 467^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m7_{+41}(\downarrow M2_{-41})^1} = (1) + \uparrow m6_{+10}(\downarrow M3_{-10})$

$3270 = 2^1 \bullet 3^1 \bullet 5^1 \bullet 109^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M6_{+22}(\downarrow m3_{-22})^1} = (1) + \uparrow m6_{+10}(\downarrow M3_{-10})$

$3271 = 3271^1 = \mathbf{(1) + \uparrow m6_{+11}(\downarrow M3_{-11})}$

$3272 = 2^3 \bullet 409^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow m6_{+11}(\downarrow M3_{-11})^1} = (1) + \uparrow m6_{+11}(\downarrow M3_{-11})$

$3273 = 3^1 \bullet 1091^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m2_{+10}(\downarrow M7_{-10})^1} = (1) + \uparrow m6_{+12}(\downarrow M3_{-12})$

$3274 = 2^1 \bullet 1637^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m6_{+12}(\downarrow M3_{-12})^1} = (1) + \uparrow m6_{+12}(\downarrow M3_{-12})$

$3275 = 5^2 \bullet 131^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow uni_{+40}(\downarrow 8ve_{-40})^1} = (1) + \uparrow m6_{+13}(\downarrow M3_{-13})$

$3276 = 2^2 \bullet 3^2 \bullet 7^1 \bullet 13^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1} = (1) + \uparrow m6_{+13}(\downarrow M3_{-13})$

$3277 = 29^1 \bullet 113^1 = \mathbf{(1) + \uparrow m7_{+30}(\downarrow M2_{-30})^1 + \uparrow m7_{-16}(\downarrow M2_{+16})^1} = (1) + \uparrow m6_{+14}(\downarrow M3_{-14})$

$3278 = 2^1 \bullet 11^1 \bullet 149^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m3_{-37}(\downarrow M6_{+37})^1} = (1) + \uparrow m6_{+14}(\downarrow M3_{-14})$

$3279 = 3^1 \bullet 1093^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m2_{+13}(\downarrow M7_{-13})^1} = (1) + \uparrow m6_{+15}(\downarrow M3_{-15})$

$3280 = 2^4 \bullet 5^1 \bullet 41^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M3_{+29}(\downarrow m6_{-29})^1} = (1) + \uparrow m6_{+15}(\downarrow M3_{-15})$

$3281 = 17^1 \bullet 193^1 = \mathbf{(1) + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow P5_{+11}(\downarrow P4_{-11})^1} = (1) + \uparrow m6_{+16}(\downarrow M3_{-16})$

$3282 = 2^1 \bullet 3^1 \bullet 547^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m2_{+14}(\downarrow M7_{-14})^1} = (1) + \uparrow m6_{+16}(\downarrow M3_{-16})$

$3283 = 7^2 \bullet 67^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^2 + \uparrow m2_{-21}(\downarrow M7_{+21})^1} = (1) + \uparrow m6_{+17}(\downarrow M3_{-17})$

$3284 = 2^2 \bullet 821^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m6_{+17}(\downarrow M3_{-17})^1} = (1) + \uparrow m6_{+17}(\downarrow M3_{-17})$

$3285 = 3^2 \bullet 5^1 \bullet 73^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M2_{+28}(\downarrow m7_{-28})^1} = (1) + \uparrow m6_{+18}(\downarrow M3_{-18})$

$3286 = 2^1 \bullet 31^1 \bullet 53^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M7_{+45}(\downarrow m2_{-45})^1 + \uparrow M6_{-26}(\downarrow m3_{+26})^1} = (1) + \uparrow m6_{+19}(\downarrow M3_{-19})$

$3287 = 19^1 \bullet 173^1 = \mathbf{(1) + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow P4_{+22}(\downarrow P5_{-22})^1} = (1) + \uparrow m6_{+19}(\downarrow M3_{-19})$

$3288 = 2^3 \bullet 3^1 \bullet 137^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m2_{+18}(\downarrow M7_{-18})^1} = (1) + \uparrow m6_{+20}(\downarrow M3_{-20})$

$3289 = 11^1 \bullet 13^1 \bullet 23^1 = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1} = (1) + \uparrow m6_{+20}(\downarrow M3_{-20})$

$3290 = 2^1 \bullet 5^1 \bullet 7^1 \bullet 47^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow P5_{-34}(\downarrow P4_{+34})^1} = (1) + \uparrow m6_{+21}(\downarrow M3_{-21})$

$3291 = 3^1 \bullet 1097^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m2_{+19}(\downarrow M7_{-19})^1} = (1) + \uparrow m6_{+21}(\downarrow M3_{-21})$

$3292 = 2^2 \bullet 823^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m6_{+22}(\downarrow M3_{-22})^1} = (1) + \uparrow m6_{+22}(\downarrow M3_{-22})$

$3293 = 37^1 \bullet 89^1 = \mathbf{(1) + \uparrow m3_{-49}(\downarrow M6_{+49})^1 + \uparrow tt_{-29}(\downarrow tt_{+29})^1} = (1) + \uparrow m6_{+22}(\downarrow M3_{-22})$

$3294 = 2^1 \bullet 3^3 \bullet 61^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow M7_{+17}(\downarrow m2_{-17})^1} = (1) + \uparrow m6_{+23}(\downarrow M3_{-23})$

$3295 = 5^1 \bullet 659^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M3_{+37}(\downarrow m6_{-37})^1} = (1) + \uparrow m6_{+23}(\downarrow M3_{-23})$

$3296 = 2^5 \bullet 103^1 = \mathbf{(1) + \updownarrow 8ve(uni)^5 + \uparrow m6_{+24}(\downarrow M3_{-24})^1} = (1) + \uparrow m6_{+24}(\downarrow M3_{-24})$

$3297 = 3^1 \bullet 7^1 \bullet 157^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M3_{-46}(\downarrow m6_{+46})^1} = (1) + \uparrow m6_{+24}(\downarrow M3_{-24})$

$3298 = 2^1 \bullet 17^1 \bullet 97^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow P5_{+20}(\downarrow P4_{-20})^1} = (1) + \uparrow m6_{+25}(\downarrow M3_{-25})$

$3299 = 3299^1 = \mathbf{(1) + \uparrow m6_{+25}(\downarrow M3_{-25})}$

$3300 = 2^2 \bullet 3^1 \bullet 5^2 \bullet 11^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow tt_{-49}(\downarrow tt_{+49})^1} = (1) + \uparrow m6_{+26}(\downarrow M3_{-26})$

$3301 = 3301^1 = \mathbf{(1) + \uparrow m6_{+26}(\downarrow M3_{-26})}$

$3302 = 2^1 \bullet 13^1 \bullet 127^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow 8ve_{-14}(\downarrow uni_{+14})^1} = (1) + \uparrow m6_{+27}(\downarrow M3_{-27})$

$3303 = 3^2 \bullet 367^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow tt_{+24}(\downarrow tt_{-24})^1} = (1) + \uparrow m6_{+27}(\downarrow M3_{-27})$

$3304 = 2^3 \bullet 7^1 \bullet 59^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M7_{-41}(\downarrow m2_{+41})^1} = (1) + \uparrow m6_{+28}(\downarrow M3_{-28})$

$3305 = 5^1 \bullet 661^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M3_{+42}(\downarrow m6_{-42})^1} = (1) + \uparrow m6_{+29}(\downarrow M3_{-29})$

$3306 = 2^1 \bullet 3^1 \bullet 19^1 \bullet 29^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1} = (1) + \uparrow m6_{+29}(\downarrow M3_{-29})$

$3307 = 3307^1 = \mathbf{(1) + \uparrow m6_{+30}(\downarrow M3_{-30})}$

$3308 = 2^2 \bullet 827^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m6_{+30}(\downarrow M3_{-30})^1} = (1) + \uparrow m6_{+30}(\downarrow M3_{-30})$

$3309 = 3^1 \bullet 1103^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m2_{+29}(\downarrow M7_{-29})^1} = (1) + \uparrow m6_{+31}(\downarrow M3_{-31})$

$3310 = 2^1 \bullet 5^1 \bullet 331^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M3_{+45}(\downarrow m6_{-45})^1} = (1) + \uparrow m6_{+31}(\downarrow M3_{-31})$

$3311 = 7^1 \bullet 11^1 \bullet 43^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow P4_{+12}(\downarrow P5_{-12})^1} = (1) + \uparrow m6_{+32}(\downarrow M3_{-32})$

$3312 = 2^4 \bullet 3^2 \bullet 23^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow tt_{+28}(\downarrow tt_{-28})^1} = (1) + \uparrow m6_{+32}(\downarrow M3_{-32})$

$3313 = 3313^1 = \mathbf{(1) + \uparrow m6_{+33}(\downarrow M3_{-33})}$

$3314 = 2^1 \bullet 1657^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m6_{+33}(\downarrow M3_{-33})^1} = (1) + \uparrow m6_{+33}(\downarrow M3_{-33})$

$3315 = 3^1 \bullet 5^1 \bullet 13^1 \bullet 17^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1} =$
$(1) + \uparrow m6_{+34}(\downarrow M3_{-34})$

$3316 = 2^2 \bullet 829^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m6_{+34}(\downarrow M3_{-34})^1} = (1) + \uparrow m6_{+34}(\downarrow M3_{-34})$

$3317 = 31^1 \bullet 107^1 = \mathbf{(1) + \uparrow M7_{+45}(\downarrow m2_{-45})^1 + \uparrow M6_{-10}(\downarrow m3_{+10})^1} = (1) + \uparrow m6_{+35}(\downarrow M3_{-35})$

$3318 = 2^1 \bullet 3^1 \bullet 7^1 \bullet 79^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M3_{-35}(\downarrow m6_{+35})^1} = (1) + \uparrow m6_{+35}(\downarrow M3_{-35})$

$3319 = 3319^1 = \mathbf{(1) + \uparrow m6_{+36}(\downarrow M3_{-36})}$

$3320 = 2^3 \bullet 5^1 \bullet 83^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow P4_{-50}(\downarrow P5_{+50})^1} = (1) + \uparrow m6_{+36}(\downarrow M3_{-36})$

$3321 = 3^4 \bullet 41^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^4 + \uparrow M3_{+29}(\downarrow m6_{-29})^1} = (1) + \uparrow m6_{+37}(\downarrow M3_{-37})$

$3322 = 2^1 \bullet 11^1 \bullet 151^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m3_{-14}(\downarrow M6_{+14})^1} = (1) + \uparrow m6_{+37}(\downarrow M3_{-37})$

$3323 = 3323^1 = \mathbf{(1) + \uparrow m6_{+38}(\downarrow M3_{-38})}$

$3324 = 2^2 \bullet 3^1 \bullet 277^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m2_{+36}(\downarrow M7_{-36})^1} = (1) + \uparrow m6_{+38}(\downarrow M3_{-38})$

$3325 = 5^2 \bullet 7^1 \bullet 19^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1} = (1) + \uparrow m6_{+39}(\downarrow M3_{-39})$

$3326 = 2^1 \bullet 1663^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m6_{+39}(\downarrow M3_{-39})^1} = (1) + \uparrow m6_{+39}(\downarrow M3_{-39})$

$3327 = 3^1 \bullet 1109^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m2_{+38}(\downarrow M7_{-38})^1} = (1) + \uparrow m6_{+40}(\downarrow M3_{-40})$

$3328 = 2^8 \bullet 13^1 = \mathbf{(1) + \updownarrow 8ve(uni)^8 + \uparrow m6_{+41}(\downarrow M3_{-41})^1} = (1) + \uparrow m6_{+41}(\downarrow M3_{-41})$

$3329 = 3329^1 = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})}$

$3330 = 2^1 \bullet 3^2 \bullet 5^1 \bullet 37^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m3_{-49}(\downarrow M6_{+49})^1} = (1) + \uparrow m6_{+42}(\downarrow M3_{-42})$

$3331 = 3331^1 = \mathbf{(1) + \uparrow m6_{+42}(\downarrow M3_{-42})}$

$3332 = 2^2 \bullet 7^2 \bullet 17^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m7_{-31}(\downarrow M2_{+31})^2 + \uparrow m2_{+5}(\downarrow M7_{-5})^1} = (1) + \uparrow m6_{+43}(\downarrow M3_{-43})$

$3333 = 3^1 \bullet 11^1 \bullet 101^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m6_{-10}(\downarrow M3_{+10})^1} = (1) + \uparrow m6_{+43}(\downarrow M3_{-43})$

$3334 = 2^1 \bullet 1667^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m6_{+44}(\downarrow M3_{-44})^1} = (1) + \uparrow m6_{+44}(\downarrow M3_{-44})$

$3335 = 5^1 \bullet 23^1 \bullet 29^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1} = (1) + \uparrow m6_{+44}(\downarrow M3_{-44})$

$3336 = 2^3 \bullet 3^1 \bullet 139^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m2_{+43}(\downarrow M7_{-43})^1} = (1) + \uparrow m6_{+45}(\downarrow M3_{-45})$

$3337 = 47^1 \bullet 71^1 = \mathbf{(1) + \uparrow P5_{-34}(\downarrow P4_{+34})^1 + \uparrow M2_{-20}(\downarrow m7_{+20})^1} = (1) + \uparrow m6_{+45}(\downarrow M3_{-45})$

$3338 = 2^1 \bullet 1669^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m6_{+46}(\downarrow M3_{-46})^1} = (1) + \uparrow m6_{+46}(\downarrow M3_{-46})$

$3339 = 3^2 \bullet 7^1 \bullet 53^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M6_{-26}(\downarrow m3_{+26})^1} = (1) + \uparrow m6_{+46}(\downarrow M3_{-46})$

$3340 = 2^2 \bullet 5^1 \bullet 167^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow P4_{-40}(\downarrow P5_{+40})^1} = (1) + \uparrow m6_{+47}(\downarrow M3_{-47})$

$3341 = 13^1 \bullet 257^1 = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow uni_{+7}(\downarrow 8ve_{-7})^1} = (1) + \uparrow m6_{+47}(\downarrow M3_{-47})$

$3342 = 2^1 \bullet 3^1 \bullet 557^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m2_{+46}(\downarrow M7_{-46})^1} = (1) + \uparrow m6_{+48}(\downarrow M3_{-48})$

$3343 = 3343^1 = \mathbf{(1) + \uparrow m6_{+48}(\downarrow M3_{-48})}$

$3344 = 2^4 \bullet 11^1 \bullet 19^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1} = (1) + \uparrow m6_{+49}(\downarrow M3_{-49})$

$3345 = 3^1 \bullet 5^1 \bullet 223^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-39}(\downarrow M2_{+39})^1} = (1) + \uparrow m6_{+49}(\downarrow M3_{-49})$

$3346 = 2^1 \bullet 7^1 \bullet 239^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M7_{-19}(\downarrow m2_{+19})^1} = (1) + \uparrow m6_{+50}(\downarrow M3_{-50})$

$3347 = 3347^1 = \mathbf{(1) + \uparrow M6_{-50}(\downarrow m3_{+50})}$

$3348 = 2^2 \bullet 3^3 \bullet 31^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow M7_{+45}(\downarrow m2_{-45})^1} = (1) + \uparrow M6_{-49}(\downarrow m3_{+49})$

$3349 = 17^1 \bullet 197^1 = \mathbf{(1) + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow P5_{+46}(\downarrow P4_{-46})^1} = (1) + \uparrow M6_{-49}(\downarrow m3_{+49})$

$3350 = 2^1 \bullet 5^2 \bullet 67^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow m2_{-21}(\downarrow M7_{+21})^1} = (1) + \uparrow M6_{-48}(\downarrow m3_{+48})$

$3351 = 3^1 \bullet 1117^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M2_{-50}(\downarrow m7_{+50})^1} = (1) + \uparrow M6_{-48}(\downarrow m3_{+48})$

$3352 = 2^3 \bullet 419^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow M6_{-47}(\downarrow m3_{+47})^1} = (1) + \uparrow M6_{-47}(\downarrow m3_{+47})$

$3353 = 7^1 \bullet 479^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M7_{-15}(\downarrow m2_{+15})^1} = (1) + \uparrow M6_{-47}(\downarrow m3_{+47})$

$3354 = 2^1 \bullet 3^1 \bullet 13^1 \bullet 43^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow P4_{+12}(\downarrow P5_{-12})^1} = (1) + \uparrow M6_{-46}(\downarrow m3_{+46})$

$3355 = 5^1 \bullet 11^1 \bullet 61^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow M7_{+17}(\downarrow m2_{-17})^1} = (1) + \uparrow M6_{-45}(\downarrow m3_{+45})$

$3356 = 2^2 \bullet 839^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M6_{-45}(\downarrow m3_{+45})^1} = (1) + \uparrow M6_{-45}(\downarrow m3_{+45})$

$3357 = 3^2 \bullet 373^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow P5_{-48}(\downarrow P4_{+48})^1} = (1) + \uparrow M6_{-44}(\downarrow m3_{+44})$

$3358 = 2^1 \bullet 23^1 \bullet 73^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow M2_{+28}(\downarrow m7_{-28})^1} = (1) + \uparrow M6_{-44}(\downarrow m3_{+44})$

$3359 = 3359^1 = \mathbf{(1) + \uparrow M6_{-43}(\downarrow m3_{+43})}$

$3360 = 2^5 \bullet 3^1 \bullet 5^1 \bullet 7^1 = \mathbf{(1) + \updownarrow 8ve(uni)^5 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1} = (1) + \uparrow M6_{-43}(\downarrow m3_{+43})$

$3361 = 3361^1 = \mathbf{(1) + \uparrow M6_{-42}(\downarrow m3_{+42})}$

$3362 = 2^1 \bullet 41^2 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{+29}(\downarrow m6_{-29})^2} = (1) + \uparrow M6_{-42}(\downarrow m3_{+42})$

$3363 = 3^1 \bullet 19^1 \bullet 59^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow M7_{-41}(\downarrow m2_{+41})^1} = (1) + \uparrow M6_{-41}(\downarrow m3_{+41})$

$3364 = 2^2 \bullet 29^2 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m7_{+30}(\downarrow M2_{-30})^2} = (1) + \uparrow M6_{-41}(\downarrow m3_{+41})$

$3365 = 5^1 \bullet 673^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow P4_{-27}(\downarrow P5_{+27})^1} = (1) + \uparrow M6_{-40}(\downarrow m3_{+40})$

$3366 = 2^1 \bullet 3^2 \bullet 11^1 \bullet 17^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1} = (1) + \uparrow M6_{-40}(\downarrow m3_{+40})$

$3367 = 7^1 \bullet 13^1 \bullet 37^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow m3_{-49}(\downarrow M6_{+49})^1} = (1) + \uparrow M6_{-39}(\downarrow m3_{+39})$

$3368 = 2^3 \bullet 421^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow M6_{-39}(\downarrow m3_{+39})^1} = (1) + \uparrow M6_{-39}(\downarrow m3_{+39})$

$3369 = 3^1 \bullet 1123^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M2_{-40}(\downarrow m7_{+40})^1} = (1) + \uparrow M6_{-38}(\downarrow m3_{+38})$

$3370 = 2^1 \bullet 5^1 \bullet 337^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow P4_{-24}(\downarrow P5_{+24})^1} = (1) + \uparrow M6_{-38}(\downarrow m3_{+38})$

$3371 = 3371^1 = \mathbf{(1) + \uparrow M6_{-37}(\downarrow m3_{+37})}$

$3372 = 2^2 \bullet 3^1 \bullet 281^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M2_{-39}(\downarrow m7_{+39})^1} = (1) + \uparrow M6_{-37}(\downarrow m3_{+37})$

$3373 = 3373^1 = \mathbf{(1) + \uparrow M6_{-36}(\downarrow m3_{+36})}$

$3374 = 2^1 \bullet 7^1 \bullet 241^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M7_{-5}(\downarrow m2_{+5})^1} = (1) + \uparrow M6_{-36}(\downarrow m3_{+36})$

$3375 = 3^3 \bullet 5^3 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow M3_{-14}(\downarrow m6_{+14})^3} = (1) + \uparrow M6_{-35}(\downarrow m3_{+35})$

$3376 = 2^4 \bullet 211^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow M6_{-35}(\downarrow m3_{+35})^1} = (1) + \uparrow M6_{-35}(\downarrow m3_{+35})$

$3377 = 11^1 \bullet 307^1 = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m3_{+15}(\downarrow M6_{-15})^1} = (1) + \uparrow M6_{-34}(\downarrow m3_{+34})$

$3378 = 2^1 \bullet 3^1 \bullet 563^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M2_{-36}(\downarrow m7_{+36})^1} = (1) + \uparrow M6_{-34}(\downarrow m3_{+34})$

$3379 = 31^1 \bullet 109^1 = \mathbf{(1) + \uparrow M7_{+45}(\downarrow m2_{-45})^1 + \uparrow M6_{+22}(\downarrow m3_{-22})^1} = (1) + \uparrow M6_{-33}(\downarrow m3_{+33})$

$3380 = 2^2 \bullet 5^1 \bullet 13^2 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^2} = (1) + \uparrow M6_{-33}(\downarrow m3_{+33})$

$3381 = 3^1 \bullet 7^2 \bullet 23^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^2 + \uparrow tt_{+28}(\downarrow tt_{-28})^1} = (1) + \uparrow M6_{-32}(\downarrow m3_{+32})$

$3382 = 2^1 \bullet 19^1 \bullet 89^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow tt_{-29}(\downarrow tt_{+29})^1} = (1) + \uparrow M6_{-32}(\downarrow m3_{+32})$

$3383 = 17^1 \bullet 199^1 = \mathbf{(1) + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow m6_{-36}(\downarrow M3_{+36})^1} = (1) + \uparrow M6_{-31}(\downarrow m3_{+31})$

$3384 = 2^3 \bullet 3^2 \bullet 47^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow P5_{-34}(\downarrow P4_{+34})^1} = (1) + \uparrow M6_{-31}(\downarrow m3_{+31})$

$3385 = 5^1 \bullet 677^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow P4_{-16}(\downarrow P5_{+16})^1} = (1) + \uparrow M6_{-30}(\downarrow m3_{+30})$

$3386 = 2^1 \bullet 1693^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M6_{-30}(\downarrow m3_{+30})^1} = (1) + \uparrow M6_{-30}(\downarrow m3_{+30})$

$3387 = 3^1 \bullet 1129^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M2_{-31}(\downarrow m7_{+31})^1} = (1) + \uparrow M6_{-29}(\downarrow m3_{+29})$

$3388 = 2^2 \bullet 7^1 \bullet 11^2 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^2} = (1) + \uparrow M6_{-29}(\downarrow m3_{+29})$

$3389 = 3389^1 = \mathbf{(1) + \uparrow M6_{-28}(\downarrow m3_{+28})}$

$3390 = 2^1 \bullet 3^1 \bullet 5^1 \bullet 113^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-16}(\downarrow M2_{+16})^1} = (1) + \uparrow M6_{-28}(\downarrow m3_{+28})$

$3391 = 3391^1 = \mathbf{(1) + \uparrow M6_{-27}(\downarrow m3_{+27})}$

$3392 = 2^6 \bullet 53^1 = \mathbf{(1) + \updownarrow 8ve(uni)^6 + \uparrow M6_{-26}(\downarrow m3_{+26})^1} = (1) + \uparrow M6_{-26}(\downarrow m3_{+26})$

$3393 = 3^2 \bullet 13^1 \bullet 29^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1} = (1) + \uparrow M6_{-26}(\downarrow m3_{+26})$

$3394 = 2^1 \bullet 1697^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M6_{-25}(\downarrow m3_{+25})^1} = (1) + \uparrow M6_{-25}(\downarrow m3_{+25})$

$3395 = 5^1 \bullet 7^1 \bullet 97^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow P5_{+20}(\downarrow P4_{-20})^1} = (1) + \uparrow M6_{-25}(\downarrow m3_{+25})$

$3396 = 2^2 \bullet 3^1 \bullet 283^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M2_{-26}(\downarrow m7_{+26})^1} = (1) + \uparrow M6_{-24}(\downarrow m3_{+24})$

$3397 = 43^1 \bullet 79^1 = \mathbf{(1) + \uparrow P4_{+12}(\downarrow P5_{-12})^1 + \uparrow M3_{-35}(\downarrow m6_{+35})^1} = (1) + \uparrow M6_{-24}(\downarrow m3_{+24})$

$3398 = 2^1 \bullet 1699^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M6_{-23}(\downarrow m3_{+23})^1} = (1) + \uparrow M6_{-23}(\downarrow m3_{+23})$

$3399 = 3^1 \bullet 11^1 \bullet 103^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m6_{+24}(\downarrow M3_{-24})^1} = (1) + \uparrow M6_{-23}(\downarrow m3_{+23})$

$3400 = 2^3 \bullet 5^2 \bullet 17^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow m2_{+5}(\downarrow M7_{-5})^1} = (1) + \uparrow M6_{-22}(\downarrow m3_{+22})$

$3401 = 19^1 \bullet 179^1 = \mathbf{(1) + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow tt_{-19}(\downarrow tt_{+19})^1} = (1) + \uparrow M6_{-22}(\downarrow m3_{+22})$

$3402 = 2^1 \bullet 3^5 \bullet 7^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^5 + \uparrow m7_{-31}(\downarrow M2_{+31})^1} = (1) + \uparrow M6_{-21}(\downarrow m3_{+21})$

$3403 = 41^1 \bullet 83^1 = \mathbf{(1) + \uparrow M3_{+29}(\downarrow m6_{-29})^1 + \uparrow P4_{-50}(\downarrow P5_{+50})^1} = (1) + \uparrow M6_{-21}(\downarrow m3_{+21})$

$3404 = 2^2 \bullet 23^1 \bullet 37^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow m3_{-49}(\downarrow M6_{+49})^1} = (1) + \uparrow M6_{-20}(\downarrow m3_{+20})$

$3405 = 3^1 \bullet 5^1 \bullet 227^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-8}(\downarrow M2_{+8})^1} = (1) + \uparrow M6_{-20}(\downarrow m3_{+20})$

$3406 = 2^1 \bullet 13^1 \bullet 131^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow uni_{+40}(\downarrow 8ve_{-40})^1} = (1) + \uparrow M6_{-19}(\downarrow m3_{+19})$

$3407 = 3407^1 = \mathbf{(1) + \uparrow M6_{-19}(\downarrow m3_{+19})}$

$3408 = 2^4 \bullet 3^1 \bullet 71^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M2_{-20}(\downarrow m7_{+20})^1} = (1) + \uparrow M6_{-18}(\downarrow m3_{+18})$

$3409 = 7^1 \bullet 487^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M7_{+13}(\downarrow m2_{-13})^1} = (1) + \uparrow M6_{-18}(\downarrow m3_{+18})$

$3410 = 2^1 \bullet 5^1 \bullet 11^1 \bullet 31^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow M7_{+45}(\downarrow m2_{-45})^1} = (1) + \uparrow M6_{-17}(\downarrow m3_{+17})$

$3411 = 3^2 \bullet 379^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow P5_{-21}(\downarrow P4_{+21})^1} = (1) + \uparrow M6_{-17}(\downarrow m3_{+17})$

$3412 = 2^2 \bullet 853^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M6_{-16}(\downarrow m3_{+16})^1} = (1) + \uparrow M6_{-16}(\downarrow m3_{+16})$

$3413 = 3413^1 = \mathbf{(1) + \uparrow M6_{-16}(\downarrow m3_{+16})}$

$3414 = 2^1 \bullet 3^1 \bullet 569^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M2_{-17}(\downarrow m7_{+17})^1} = (1) + \uparrow M6_{-15}(\downarrow m3_{+15})$

$3415 = 5^1 \bullet 683^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow P4_{-1}(\downarrow P5_{+1})^1} = (1) + \uparrow M6_{-15}(\downarrow m3_{+15})$

$3416 = 2^3 \bullet 7^1 \bullet 61^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M7_{+17}(\downarrow m2_{-17})^1} = (1) + \uparrow M6_{-14}(\downarrow m3_{+14})$

$3417 = 3^1 \bullet 17^1 \bullet 67^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow m2_{-21}(\downarrow M7_{+21})^1} = (1) + \uparrow M6_{-14}(\downarrow m3_{+14})$

$3418 = 2^1 \bullet 1709^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M6_{-13}(\downarrow m3_{+13})^1} = (1) + \uparrow M6_{-13}(\downarrow m3_{+13})$

$3419 = 13^1 \bullet 263^1 = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow uni_{+47}(\downarrow 8ve_{-47})^1} = (1) + \uparrow M6_{-13}(\downarrow m3_{+13})$

$3420 = 2^2 \bullet 3^2 \bullet 5^1 \bullet 19^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1} = (1) + \uparrow M6_{-12}(\downarrow m3_{+12})$

$3421 = 11^1 \bullet 311^1 = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m3_{+37}(\downarrow M6_{-37})^1} = (1) + \uparrow M6_{-12}(\downarrow m3_{+12})$

$3422 = 2^1 \bullet 29^1 \bullet 59^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1 + \uparrow M7_{-41}(\downarrow m2_{+41})^1} = (1) + \uparrow M6_{-11}(\downarrow m3_{+11})$

$3423 = 3^1 \bullet 7^1 \bullet 163^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M3_{+18}(\downarrow m6_{-18})^1} = (1) + \uparrow M6_{-11}(\downarrow m3_{+11})$

$3424 = 2^5 \bullet 107^1 = \mathbf{(1) + \updownarrow 8ve(uni)^5 + \uparrow M6_{-10}(\downarrow m3_{+10})^1} = (1) + \uparrow M6_{-10}(\downarrow m3_{+10})$

$3425 = 5^2 \bullet 137^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow m2_{+18}(\downarrow M7_{-18})^1} = (1) + \uparrow M6_{-10}(\downarrow m3_{+10})$

$3426 = 2^1 \bullet 3^1 \bullet 571^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M2_{-11}(\downarrow m7_{+11})^1} = (1) + \uparrow M6_{-9}(\downarrow m3_{+9})$

$3427 = 23^1 \bullet 149^1 = \mathbf{(1) + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow m3_{-37}(\downarrow M6_{+37})^1} = (1) + \uparrow M6_{-9}(\downarrow m3_{+9})$

$3428 = 2^2 \bullet 857^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M6_{-8}(\downarrow m3_{+8})^1} = (1) + \uparrow M6_{-8}(\downarrow m3_{+8})$

$3429 = 3^3 \bullet 127^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow 8ve_{-14}(\downarrow uni_{+14})^1} = (1) + \uparrow M6_{-8}(\downarrow m3_{+8})$

$3430 = 2^1 \bullet 5^1 \bullet 7^3 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^3} = (1) + \uparrow M6_{-7}(\downarrow m3_{+7})$

$3431 = 47^1 \bullet 73^1 = \mathbf{(1) + \uparrow P5_{-34}(\downarrow P4_{+34})^1 + \uparrow M2_{+28}(\downarrow m7_{-28})^1} = (1) + \uparrow M6_{-7}(\downarrow m3_{+7})$

$3432 = 2^3 \bullet 3^1 \bullet 11^1 \bullet 13^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1} = (1) + \uparrow M6_{-6}(\downarrow m3_{+6})$

$3433 = 3433^1 = \mathbf{(1) + \uparrow M6_{-6}(\downarrow m3_{+6})}$

$3434 = 2^1 \bullet 17^1 \bullet 101^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow m6_{-10}(\downarrow M3_{+10})^1} = (1) + \uparrow M6_{-5}(\downarrow m3_{+5})$

$3435 = 3^1 \bullet 5^1 \bullet 229^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{+7}(\downarrow M2_{-7})^1} = (1) + \uparrow M6_{-5}(\downarrow m3_{+5})$

$3436 = 2^2 \bullet 859^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M6_{-4}(\downarrow m3_{+4})^1} = (1) + \uparrow M6_{-4}(\downarrow m3_{+4})$

$3437 = 7^1 \bullet 491^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M7_{+27}(\downarrow m2_{-27})^1} = (1) + \uparrow M6_{-4}(\downarrow m3_{+4})$

$3438 = 2^1 \bullet 3^2 \bullet 191^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow P5_{-7}(\downarrow P4_{+7})^1} = (1) + \uparrow M6_{-3}(\downarrow m3_{+3})$

$3439 = 19^1 \bullet 181^1 = \mathbf{(1) + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow tt_{+0}(\downarrow tt_{-0})^1} = (1) + \uparrow M6_{-3}(\downarrow m3_{+3})$

$3440 = 2^4 \bullet 5^1 \bullet 43^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow P4_{+12}(\downarrow P5_{-12})^1} = (1) + \uparrow M6_{-2}(\downarrow m3_{+2})$

$3441 = 3^1 \bullet 31^1 \bullet 37^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M7_{+45}(\downarrow m2_{-45})^1 + \uparrow m3_{-49}(\downarrow M6_{+49})^1} = (1) + \uparrow M6_{-2}(\downarrow m3_{+2})$

$3442 = 2^1 \bullet 1721^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M6_{-1}(\downarrow m3_{+1})^1} = (1) + \uparrow M6_{-1}(\downarrow m3_{+1})$

$3443 = 11^1 \bullet 313^1 = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m3_{+48}(\downarrow M6_{-48})^1} = (1) + \uparrow M6_{-1}(\downarrow m3_{+1})$

$3444 = 2^2 \bullet 3^1 \bullet 7^1 \bullet 41^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M3_{+29}(\downarrow m6_{-29})^1} = (1) + \uparrow M6_{+0}(\downarrow m3_{-0})$

$3445 = 5^1 \bullet 13^1 \bullet 53^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow M6_{-26}(\downarrow m3_{+26})^1} = (1) + \uparrow M6_{+0}(\downarrow m3_{-0})$

$3446 = 2^1 \bullet 1723^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M6_{+1}(\downarrow m3_{-1})^1} = (1) + \uparrow M6_{+1}(\downarrow m3_{-1})$

$3447 = 3^2 \bullet 383^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow P5_{-3}(\downarrow P4_{+3})^1} = (1) + \uparrow M6_{+1}(\downarrow m3_{-1})$

$3448 = 2^3 \bullet 431^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow M6_{+2}(\downarrow m3_{-2})^1} = (1) + \uparrow M6_{+2}(\downarrow m3_{-2})$

$3449 = 3449^1 = \mathbf{(1) + \uparrow M6_{+2}(\downarrow m3_{-2})}$

$3450 = 2^1 \bullet 3^1 \bullet 5^2 \bullet 23^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow tt_{+28}(\downarrow tt_{-28})^1} = (1) + \uparrow M6_{+3}(\downarrow m3_{-3})$

$3451 = 7^1 \bullet 17^1 \bullet 29^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1} = (1) + \uparrow M6_{+3}(\downarrow m3_{-3})$

$3452 = 2^2 \bullet 863^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M6_{+4}(\downarrow m3_{-4})^1} = (1) + \uparrow M6_{+4}(\downarrow m3_{-4})$

$3453 = 3^1 \bullet 1151^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M2_{+2}(\downarrow m7_{-2})^1} = (1) + \uparrow M6_{+4}(\downarrow m3_{-4})$

$3454 = 2^1 \bullet 11^1 \bullet 157^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow M3_{-46}(\downarrow m6_{+46})^1} = (1) + \uparrow M6_{+5}(\downarrow m3_{-5})$

$3455 = 5^1 \bullet 691^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow P4_{+19}(\downarrow P5_{-19})^1} = (1) + \uparrow M6_{+5}(\downarrow m3_{-5})$

$3456 = 2^7 \bullet 3^3 = \mathbf{(1) + \updownarrow 8ve(uni)^7 + \uparrow P5_{+2}(\downarrow P4_{-2})^3} = (1) + \uparrow M6_{+6}(\downarrow m3_{-6})$

$3457 = 3457^1 = \mathbf{(1) + \uparrow M6_{+6}(\downarrow m3_{-6})}$

$3458 = 2^1 \bullet 7^1 \bullet 13^1 \bullet 19^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1} = (1) + \uparrow M6_{+7}(\downarrow m3_{-7})$

$3459 = 3^1 \bullet 1153^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M2_{+5}(\downarrow m7_{-5})^1} = (1) + \uparrow M6_{+7}(\downarrow m3_{-7})$

$3460 = 2^2 \bullet 5^1 \bullet 173^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow P4_{+22}(\downarrow P5_{-22})^1} = (1) + \uparrow M6_{+8}(\downarrow m3_{-8})$

$3461 = 3461^1 = \mathbf{(1) + \uparrow M6_{+8}(\downarrow m3_{-8})}$

$3462 = 2^1 \bullet 3^1 \bullet 577^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M2_{+7}(\downarrow m7_{-7})^1} = (1) + \uparrow M6_{+9}(\downarrow m3_{-9})$

$3463 = 3463^1 = \mathbf{(1) + \uparrow M6_{+9}(\downarrow m3_{-9})}$

$3464 = 2^3 \bullet 433^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow M6_{+10}(\downarrow m3_{-10})^1} = (1) + \uparrow M6_{+10}(\downarrow m3_{-10})$

$3465 = 3^2 \bullet 5^1 \bullet 7^1 \bullet 11^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1} = (1) + \uparrow M6_{+10}(\downarrow m3_{-10})$

$3466 = 2^1 \bullet 1733^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M6_{+11}(\downarrow m3_{-11})^1} = (1) + \uparrow M6_{+11}(\downarrow m3_{-11})$

$3467 = 3467^1 = \mathbf{(1) + \uparrow M6_{+11}(\downarrow m3_{-11})}$

$3468 = 2^2 \bullet 3^1 \bullet 17^2 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^2} = (1) + \uparrow M6_{+12}(\downarrow m3_{-12})$

$3469 = 3469^1 = \mathbf{(1) + \uparrow M6_{+12}(\downarrow m3_{-12})}$

$3470 = 2^1 \bullet 5^1 \bullet 347^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow P4_{+27}(\downarrow P5_{-27})^1} = (1) + \uparrow M6_{+13}(\downarrow m3_{-13})$

$3471 = 3^1 \bullet 13^1 \bullet 89^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow tt_{-29}(\downarrow tt_{+29})^1} = (1) + \uparrow M6_{+13}(\downarrow m3_{-13})$

$3472 = 2^4 \bullet 7^1 \bullet 31^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M7_{+45}(\downarrow m2_{-45})^1} = (1) + \uparrow M6_{+14}(\downarrow m3_{-14})$

$3473 = 23^1 \bullet 151^1 = \mathbf{(1) + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow m3_{-14}(\downarrow M6_{+14})^1} = (1) + \uparrow M6_{+14}(\downarrow m3_{-14})$

$3474 = 2^1 \bullet 3^2 \bullet 193^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow P5_{+11}(\downarrow P4_{-11})^1} = (1) + \uparrow M6_{+15}(\downarrow m3_{-15})$

$3475 = 5^2 \bullet 139^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow m2_{+43}(\downarrow M7_{-43})^1} = (1) + \uparrow M6_{+15}(\downarrow m3_{-15})$

$3476 = 2^2 \bullet 11^1 \bullet 79^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow M3_{-35}(\downarrow m6_{+35})^1} = (1) + \uparrow M6_{+16}(\downarrow m3_{-16})$

$3477 = 3^1 \bullet 19^1 \bullet 61^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow M7_{+17}(\downarrow m2_{-17})^1} = (1) + \uparrow M6_{+16}(\downarrow m3_{-16})$

$3478 = 2^1 \bullet 37^1 \bullet 47^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m3_{-49}(\downarrow M6_{+49})^1 + \uparrow P5_{-34}(\downarrow P4_{+34})^1} = (1) + \uparrow M6_{+17}(\downarrow m3_{-17})$

$3479 = 7^2 \bullet 71^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^2 + \uparrow M2_{-20}(\downarrow m7_{+20})^1} = (1) + \uparrow M6_{+17}(\downarrow m3_{-17})$

$3480 = 2^3 \bullet 3^1 \bullet 5^1 \bullet 29^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1} = (1) + \uparrow M6_{+18}(\downarrow m3_{-18})$

$3481 = 59^2 = \mathbf{(1) + \uparrow M7_{-41}(\downarrow m2_{+41})^2} = (1) + \uparrow M6_{+18}(\downarrow m3_{-18})$

$3482 = 2^1 \bullet 1741^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M6_{+19}(\downarrow m3_{-19})^1} = (1) + \uparrow M6_{+19}(\downarrow m3_{-19})$

$3483 = 3^4 \bullet 43^1 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^4 + \uparrow P4_{+12}(\downarrow P5_{-12})^1 = (1) + \uparrow M6_{+19}(\downarrow m3_{-19})$

$3484 = 2^2 \bullet 13^1 \bullet 67^1 = (1) + \updownarrow 8ve(uni)^2 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow m2_{-21}(\downarrow M7_{+21})^1 = (1) + \uparrow M6_{+20}(\downarrow m3_{-20})$

$3485 = 5^1 \bullet 17^1 \bullet 41^1 = (1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow M3_{+29}(\downarrow m6_{-29})^1 = (1) + \uparrow M6_{+20}(\downarrow m3_{-20})$

$3486 = 2^1 \bullet 3^1 \bullet 7^1 \bullet 83^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow P4_{-50}(\downarrow P5_{+50})^1 = (1) + \uparrow M6_{+21}(\downarrow m3_{-21})$

$3487 = 11^1 \bullet 317^1 = (1) + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow M3_{-30}(\downarrow m6_{+30})^1 = (1) + \uparrow M6_{+21}(\downarrow m3_{-21})$

$3488 = 2^5 \bullet 109^1 = (1) + \updownarrow 8ve(uni)^5 + \uparrow M6_{+22}(\downarrow m3_{-22})^1 = (1) + \uparrow M6_{+22}(\downarrow m3_{-22})$

$3489 = 3^1 \bullet 1163^1 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M2_{+20}(\downarrow m7_{-20})^1 = (1) + \uparrow M6_{+22}(\downarrow m3_{-22})$

$3490 = 2^1 \bullet 5^1 \bullet 349^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow P4_{+36}(\downarrow P5_{-36})^1 = (1) + \uparrow M6_{+23}(\downarrow m3_{-23})$

$3491 = 3491^1 = (1) + \uparrow M6_{+23}(\downarrow m3_{-23})$

$3492 = 2^2 \bullet 3^2 \bullet 97^1 = (1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow P5_{+20}(\downarrow P4_{-20})^1 = (1) + \uparrow M6_{+24}(\downarrow m3_{-24})$

$3493 = 7^1 \bullet 499^1 = (1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow 8ve_{-45}(\downarrow uni_{+45})^1 = (1) + \uparrow M6_{+24}(\downarrow m3_{-24})$

$3494 = 2^1 \bullet 1747^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow M6_{+25}(\downarrow m3_{-25})^1 = (1) + \uparrow M6_{+25}(\downarrow m3_{-25})$

$3495 = 3^1 \bullet 5^1 \bullet 233^1 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{+37}(\downarrow M2_{-37})^1 = (1) + \uparrow M6_{+25}(\downarrow m3_{-25})$

$3496 = 2^3 \bullet 19^1 \bullet 23^1 = (1) + \updownarrow 8ve(uni)^3 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1 = (1) + \uparrow M6_{+26}(\downarrow m3_{-26})$

$3497 = 13^1 \bullet 269^1 = (1) + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow m2_{-14}(\downarrow M7_{+14})^1 = (1) + \uparrow M6_{+26}(\downarrow m3_{-26})$

$3498 = 2^1 \bullet 3^1 \bullet 11^1 \bullet 53^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow M6_{-26}(\downarrow m3_{+26})^1 = (1) + \uparrow M6_{+27}(\downarrow m3_{-27})$

$3499 = 3499^1 = (1) + \uparrow M6_{+27}(\downarrow m3_{-27})$

$3500 = 2^2 \bullet 5^3 \bullet 7^1 = (1) + \updownarrow 8ve(uni)^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^3 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 = (1) + \uparrow M6_{+28}(\downarrow m3_{-28})$

$3501 = 3^2 \bullet 389^1 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow P5_{+24}(\downarrow P4_{-24})^1 = (1) + \uparrow M6_{+28}(\downarrow m3_{-28})$

$3502 = 2^1 \bullet 17^1 \bullet 103^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow m6_{+24}(\downarrow M3_{-24})^1 = (1) + \uparrow M6_{+29}(\downarrow m3_{-29})$

$3503 = 31^1 \bullet 113^1 = (1) + \uparrow M7_{+45}(\downarrow m2_{-45})^1 + \uparrow m7_{-16}(\downarrow M2_{+16})^1 = (1) + \uparrow M6_{+29}(\downarrow m3_{-29})$

$3504 = 2^4 \bullet 3^1 \bullet 73^1 = (1) + \updownarrow 8ve(uni)^4 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M2_{+28}(\downarrow m7_{-28})^1 = (1) + \uparrow M6_{+30}(\downarrow m3_{-30})$

$3505 = 5^1 \bullet 701^1 = (1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow P4_{+44}(\downarrow P5_{-44})^1 = (1) + \uparrow M6_{+30}(\downarrow m3_{-30})$

$3506 = 2^1 \bullet 1753^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow M6_{+31}(\downarrow m3_{-31})^1 = (1) + \uparrow M6_{+31}(\downarrow m3_{-31})$

$3507 = 3^1 \bullet 7^1 \bullet 167^1 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow P4_{-40}(\downarrow P5_{+40})^1 = (1) + \uparrow M6_{+31}(\downarrow m3_{-31})$

$3508 = 2^2 \bullet 877^1 = (1) + \updownarrow 8ve(uni)^2 + \uparrow M6_{+32}(\downarrow m3_{-32})^1 = (1) + \uparrow M6_{+32}(\downarrow m3_{-32})$

$3509 = 11^2 \bullet 29^1 = (1) + \uparrow tt_{-49}(\downarrow tt_{+49})^2 + \uparrow m7_{+30}(\downarrow M2_{-30})^1 = (1) + \uparrow M6_{+32}(\downarrow m3_{-32})$

$3510 = 2^1 \bullet 3^3 \bullet 5^1 \bullet 13^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 = (1) + \uparrow M6_{+33}(\downarrow m3_{-33})$

$3511 = 3511^1 = (1) + \uparrow M6_{+33}(\downarrow m3_{-33})$

$3512 = 2^3 \bullet 439^1 = (1) + \updownarrow 8ve(uni)^3 + \uparrow M6_{+34}(\downarrow m3_{-34})^1 = (1) + \uparrow M6_{+34}(\downarrow m3_{-34})$

$3513 = 3^1 \bullet 1171^1 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M2_{+32}(\downarrow m7_{-32})^1 = (1) + \uparrow M6_{+34}(\downarrow m3_{-34})$

$3514 = 2^1 \bullet 7^1 \bullet 251^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow 8ve_{-34}(\downarrow uni_{+34})^1 = (1) + \uparrow M6_{+35}(\downarrow m3_{-35})$

$3515 = 5^1 \bullet 19^1 \bullet 37^1 = (1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow m3_{-49}(\downarrow M6_{+49})^1 = (1) + \uparrow M6_{+35}(\downarrow m3_{-35})$

$3516 = 2^2 \bullet 3^1 \bullet 293^1 = (1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M2_{+34}(\downarrow m7_{-34})^1 = (1) + \uparrow M6_{+36}(\downarrow m3_{-36})$

$3517 = 3517^1 = (1) + \uparrow M6_{+36}(\downarrow m3_{-36})$

$3518 = 2^1 \bullet 1759^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow M6_{+37}(\downarrow m3_{-37})^1 = (1) + \uparrow M6_{+37}(\downarrow m3_{-37})$

$3519 = 3^2 \bullet 17^1 \bullet 23^1 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1 = (1) + \uparrow M6_{+37}(\downarrow m3_{-37})$

$3520 = 2^6 \bullet 5^1 \bullet 11^1 = (1) + \updownarrow 8ve(uni)^6 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 = (1) + \uparrow M6_{+38}(\downarrow m3_{-38})$

$3521 = 7^1 \bullet 503^1 = (1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow 8ve_{-31}(\downarrow uni_{+31})^1 = (1) + \uparrow M6_{+38}(\downarrow m3_{-38})$

$3522 = 2^1 \bullet 3^1 \bullet 587^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M2_{+37}(\downarrow m7_{-37})^1 = (1) + \uparrow M6_{+39}(\downarrow m3_{-39})$

$3523 = 13^1 \bullet 271^1 = (1) + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow m2_{-1}(\downarrow M7_{+1})^1 = (1) + \uparrow M6_{+39}(\downarrow m3_{-39})$

$3524 = 2^2 \bullet 881^1 = (1) + \updownarrow 8ve(uni)^2 + \uparrow M6_{+40}(\downarrow m3_{-40})^1 = (1) + \uparrow M6_{+40}(\downarrow m3_{-40})$

$3525 = 3^1 \bullet 5^2 \bullet 47^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow P5_{-34}(\downarrow P4_{+34})^1} = (1) + \uparrow M6_{+40}(\downarrow m3_{-40})$

$3526 = 2^1 \bullet 41^1 \bullet 43^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{+29}(\downarrow m6_{-29})^1 + \uparrow P4_{+12}(\downarrow P5_{-12})^1} = (1) + \uparrow M6_{+41}(\downarrow m3_{-41})$

$3527 = 3527^1 = \mathbf{(1) + \uparrow M6_{+41}(\downarrow m3_{-41})}$

$3528 = 2^3 \bullet 3^2 \bullet 7^2 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m7_{-31}(\downarrow M2_{+31})^2} = (1) + \uparrow M6_{+42}(\downarrow m3_{-42})$

$3529 = 3529^1 = \mathbf{(1) + \uparrow M6_{+42}(\downarrow m3_{-42})}$

$3530 = 2^1 \bullet 5^1 \bullet 353^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{-44}(\downarrow tt_{+44})^1} = (1) + \uparrow M6_{+43}(\downarrow m3_{-43})$

$3531 = 3^1 \bullet 11^1 \bullet 107^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow M6_{-10}(\downarrow m3_{+10})^1} = (1) + \uparrow M6_{+43}(\downarrow m3_{-43})$

$3532 = 2^2 \bullet 883^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M6_{+44}(\downarrow m3_{-44})^1} = (1) + \uparrow M6_{+44}(\downarrow m3_{-44})$

$3533 = 3533^1 = \mathbf{(1) + \uparrow M6_{+44}(\downarrow m3_{-44})}$

$3534 = 2^1 \bullet 3^1 \bullet 19^1 \bullet 31^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow M7_{+45}(\downarrow m2_{-45})^1} = (1) + \uparrow M6_{+45}(\downarrow m3_{-45})$

$3535 = 5^1 \bullet 7^1 \bullet 101^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m6_{-10}(\downarrow M3_{+10})^1} = (1) + \uparrow M6_{+45}(\downarrow m3_{-45})$

$3536 = 2^4 \bullet 13^1 \bullet 17^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1} = (1) + \uparrow M6_{+45}(\downarrow m3_{-45})$

$3537 = 3^3 \bullet 131^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow uni_{+40}(\downarrow 8ve_{-40})^1} = (1) + \uparrow M6_{+46}(\downarrow m3_{-46})$

$3538 = 2^1 \bullet 29^1 \bullet 61^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1 + \uparrow M7_{+17}(\downarrow m2_{-17})^1} = (1) + \uparrow M6_{+46}(\downarrow m3_{-46})$

$3539 = 3539^1 = \mathbf{(1) + \uparrow M6_{+47}(\downarrow m3_{-47})}$

$3540 = 2^2 \bullet 3^1 \bullet 5^1 \bullet 59^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M7_{-41}(\downarrow m2_{+41})^1} = (1) + \uparrow M6_{+47}(\downarrow m3_{-47})$

$3541 = 3541^1 = \mathbf{(1) + \uparrow M6_{+48}(\downarrow m3_{-48})}$

$3542 = 2^1 \bullet 7^1 \bullet 11^1 \bullet 23^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1} = (1) + \uparrow M6_{+48}(\downarrow m3_{-48})$

$3543 = 3^1 \bullet 1181^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M2_{+47}(\downarrow m7_{-47})^1} = (1) + \uparrow M6_{+49}(\downarrow m3_{-49})$

$3544 = 2^3 \bullet 443^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow M6_{+49}(\downarrow m3_{-49})^1} = (1) + \uparrow M6_{+49}(\downarrow m3_{-49})$

$3545 = 5^1 \bullet 709^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{-36}(\downarrow tt_{+36})^1} = (1) + \uparrow M6_{+50}(\downarrow m3_{-50})$

$3546 = 2^1 \bullet 3^2 \bullet 197^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow P5_{+46}(\downarrow P4_{-46})^1} = (1) + \uparrow m7_{-50}(\downarrow M2_{+50})$

$3547 = 3547^1 = \mathbf{(1) + \uparrow m7_{-49}(\downarrow M2_{+49})}$

$3548 = 2^2 \bullet 887^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m7_{-49}(\downarrow M2_{+49})^1} = (1) + \uparrow m7_{-49}(\downarrow M2_{+49})$

$3549 = 3^1 \bullet 7^1 \bullet 13^2 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^2} = (1) + \uparrow m7_{-48}(\downarrow M2_{+48})$

$3550 = 2^1 \bullet 5^2 \bullet 71^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow M2_{-20}(\downarrow m7_{+20})^1} = (1) + \uparrow m7_{-48}(\downarrow M2_{+48})$

$3551 = 53^1 \bullet 67^1 = \mathbf{(1) + \uparrow M6_{-26}(\downarrow m3_{+26})^1 + \uparrow m2_{-21}(\downarrow M7_{+21})^1} = (1) + \uparrow m7_{-47}(\downarrow M2_{+47})$

$3552 = 2^5 \bullet 3^1 \bullet 37^1 = \mathbf{(1) + \updownarrow 8ve(uni)^5 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m3_{-49}(\downarrow M6_{+49})^1} = (1) + \uparrow m7_{-47}(\downarrow M2_{+47})$

$3553 = 11^1 \bullet 17^1 \bullet 19^1 = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1} = (1) + \uparrow m7_{-46}(\downarrow M2_{+46})$

$3554 = 2^1 \bullet 1777^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-46}(\downarrow M2_{+46})^1} = (1) + \uparrow m7_{-46}(\downarrow M2_{+46})$

$3555 = 3^2 \bullet 5^1 \bullet 79^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M3_{-35}(\downarrow m6_{+35})^1} = (1) + \uparrow m7_{-45}(\downarrow M2_{+45})$

$3556 = 2^2 \bullet 7^1 \bullet 127^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow 8ve_{-14}(\downarrow uni_{+14})^1} = (1) + \uparrow m7_{-45}(\downarrow M2_{+45})$

$3557 = 3557^1 = \mathbf{(1) + \uparrow m7_{-44}(\downarrow M2_{+44})}$

$3558 = 2^1 \bullet 3^1 \bullet 593^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m3_{-46}(\downarrow M6_{+46})^1} = (1) + \uparrow m7_{-44}(\downarrow M2_{+44})$

$3559 = 3559^1 = \mathbf{(1) + \uparrow m7_{-43}(\downarrow M2_{+43})}$

$3560 = 2^3 \bullet 5^1 \bullet 89^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{-29}(\downarrow tt_{+29})^1} = (1) + \uparrow m7_{-43}(\downarrow M2_{+43})$

$3561 = 3^1 \bullet 1187^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m3_{-44}(\downarrow M6_{+44})^1} = (1) + \uparrow m7_{-42}(\downarrow M2_{+42})$

$3562 = 2^1 \bullet 13^1 \bullet 137^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow m2_{+18}(\downarrow M7_{-18})^1} = (1) + \uparrow m7_{-42}(\downarrow M2_{+42})$

$3563 = 7^1 \bullet 509^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow 8ve_{-10}(\downarrow uni_{+10})^1} = (1) + \uparrow m7_{-41}(\downarrow M2_{+41})$

$3564 = 2^2 \bullet 3^4 \bullet 11^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^4 + \uparrow tt_{-49}(\downarrow tt_{+49})^1} = (1) + \uparrow m7_{-41}(\downarrow M2_{+41})$

$3565 = 5^1 \bullet 23^1 \bullet 31^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow M7_{+45}(\downarrow m2_{-45})^1} = (1) + \uparrow m7_{-40}(\downarrow M2_{+40})$

$3566 = 2^1 \bullet 1783^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-40}(\downarrow M2_{+40})^1} = (1) + \uparrow m7_{-40}(\downarrow M2_{+40})$

$3567 = 3^1 \bullet 29^1 \bullet 41^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1 + \uparrow M3_{+29}(\downarrow m6_{-29})^1} = (1) + \uparrow m7_{-39}(\downarrow M2_{+39})$

$3568 = 2^4 \bullet 223^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow m7_{-39}(\downarrow M2_{+39})^1} = (1) + \uparrow m7_{-39}(\downarrow M2_{+39})$

$3569 = 43^1 \bullet 83^1 = \mathbf{(1) + \uparrow P4_{+12}(\downarrow P5_{-12})^1 + \uparrow P4_{-50}(\downarrow P5_{+50})^1} = (1) + \uparrow m7_{-38}(\downarrow M2_{+38})$

$3570 = 2^1 \bullet 3^1 \bullet 5^1 \bullet 7^1 \bullet 17^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1} =$
$(1) + \uparrow m7_{-38}(\downarrow M2_{+38})$

$3571 = 3571^1 = \mathbf{(1) + \uparrow m7_{-37}(\downarrow M2_{+37})}$

$3572 = 2^2 \bullet 19^1 \bullet 47^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow P5_{-34}(\downarrow P4_{+34})^1} = (1) + \uparrow m7_{-37}(\downarrow M2_{+37})$

$3573 = 3^2 \bullet 397^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m6_{-40}(\downarrow M3_{+40})^1} = (1) + \uparrow m7_{-36}(\downarrow M2_{+36})$

$3574 = 2^1 \bullet 1787^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-36}(\downarrow M2_{+36})^1} = (1) + \uparrow m7_{-36}(\downarrow M2_{+36})$

$3575 = 5^2 \bullet 11^1 \bullet 13^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1} = (1) + \uparrow m7_{-36}(\downarrow M2_{+36})$

$3576 = 2^3 \bullet 3^1 \bullet 149^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m3_{-37}(\downarrow M6_{+37})^1} = (1) + \uparrow m7_{-35}(\downarrow M2_{+35})$

$3577 = 7^2 \bullet 73^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^2 + \uparrow M2_{+28}(\downarrow m7_{-28})^1} = (1) + \uparrow m7_{-35}(\downarrow M2_{+35})$

$3578 = 2^1 \bullet 1789^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-34}(\downarrow M2_{+34})^1} = (1) + \uparrow m7_{-34}(\downarrow M2_{+34})$

$3579 = 3^1 \bullet 1193^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m3_{-36}(\downarrow M6_{+36})^1} = (1) + \uparrow m7_{-34}(\downarrow M2_{+34})$

$3580 = 2^2 \bullet 5^1 \bullet 179^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{-19}(\downarrow tt_{+19})^1} = (1) + \uparrow m7_{-33}(\downarrow M2_{+33})$

$3581 = 3581^1 = \mathbf{(1) + \uparrow m7_{-33}(\downarrow M2_{+33})}$

$3582 = 2^1 \bullet 3^2 \bullet 199^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m6_{-36}(\downarrow M3_{+36})^1} = (1) + \uparrow m7_{-32}(\downarrow M2_{+32})$

$3583 = 3583^1 = \mathbf{(1) + \uparrow m7_{-32}(\downarrow M2_{+32})}$

$3584 = 2^9 \bullet 7^1 = \mathbf{(1) + \updownarrow 8ve(uni)^9 + \uparrow m7_{-31}(\downarrow M2_{+31})^1} = (1) + \uparrow m7_{-31}(\downarrow M2_{+31})$

$3585 = 3^1 \bullet 5^1 \bullet 239^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M7_{-19}(\downarrow m2_{+19})^1} = (1) + \uparrow m7_{-31}(\downarrow M2_{+31})$

$3586 = 2^1 \bullet 11^1 \bullet 163^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow M3_{+18}(\downarrow m6_{-18})^1} = (1) + \uparrow m7_{-30}(\downarrow M2_{+30})$

$3587 = 17^1 \bullet 211^1 = \mathbf{(1) + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow M6_{-35}(\downarrow m3_{+35})^1} = (1) + \uparrow m7_{-30}(\downarrow M2_{+30})$

$3588 = 2^2 \bullet 3^1 \bullet 13^1 \bullet 23^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1} = (1) + \uparrow m7_{-29}(\downarrow M2_{+29})$

$3589 = 37^1 \bullet 97^1 = \mathbf{(1) + \uparrow m3_{-49}(\downarrow M6_{+49})^1 + \uparrow P5_{+20}(\downarrow P4_{-20})^1} = (1) + \uparrow m7_{-29}(\downarrow M2_{+29})$

$3590 = 2^1 \bullet 5^1 \bullet 359^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{-15}(\downarrow tt_{+15})^1} = (1) + \uparrow m7_{-28}(\downarrow M2_{+28})$

$3591 = 3^3 \bullet 7^1 \bullet 19^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1} = (1) + \uparrow m7_{-28}(\downarrow M2_{+28})$

$3592 = 2^3 \bullet 449^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow m7_{-27}(\downarrow M2_{+27})^1} = (1) + \uparrow m7_{-27}(\downarrow M2_{+27})$

$3593 = 3593^1 = \mathbf{(1) + \uparrow m7_{-27}(\downarrow M2_{+27})}$

$3594 = 2^1 \bullet 3^1 \bullet 599^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m3_{-28}(\downarrow M6_{+28})^1} = (1) + \uparrow m7_{-26}(\downarrow M2_{+26})$

$3595 = 5^1 \bullet 719^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{-12}(\downarrow tt_{+12})^1} = (1) + \uparrow m7_{-26}(\downarrow M2_{+26})$

$3596 = 2^2 \bullet 29^1 \bullet 31^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m7_{+30}(\downarrow M2_{-30})^1 + \uparrow M7_{+45}(\downarrow m2_{-45})^1} = (1) + \uparrow m7_{-25}(\downarrow M2_{+25})$

$3597 = 3^1 \bullet 11^1 \bullet 109^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow M6_{+22}(\downarrow m3_{-22})^1} = (1) + \uparrow m7_{-25}(\downarrow M2_{+25})$

$3598 = 2^1 \bullet 7^1 \bullet 257^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow uni_{+7}(\downarrow 8ve_{-7})^1} = (1) + \uparrow m7_{-24}(\downarrow M2_{+24})$

$3599 = 59^1 \bullet 61^1 = \mathbf{(1) + \uparrow M7_{-41}(\downarrow m2_{+41})^1 + \uparrow M7_{+17}(\downarrow m2_{-17})^1} = (1) + \uparrow m7_{-24}(\downarrow M2_{+24})$

$3600 = 2^4 \bullet 3^2 \bullet 5^2 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^2} = (1) + \uparrow m7_{-23}(\downarrow M2_{+23})$

$3601 = 13^1 \bullet 277^1 = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow m2_{+36}(\downarrow M7_{-36})^1} = (1) + \uparrow m7_{-23}(\downarrow M2_{+23})$

$3602 = 2^1 \bullet 1801^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-23}(\downarrow M2_{+23})^1} = (1) + \uparrow m7_{-23}(\downarrow M2_{+23})$

$3603 = 3^1 \bullet 1201^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m3_{-24}(\downarrow M6_{+24})^1} = (1) + \uparrow m7_{-22}(\downarrow M2_{+22})$

$3604 = 2^2 \bullet 17^1 \bullet 53^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow M6_{-26}(\downarrow m3_{+26})^1} = (1) + \uparrow m7_{-22}(\downarrow M2_{+22})$

$3605 = 5^1 \bullet 7^1 \bullet 103^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m6_{+24}(\downarrow M3_{-24})^1} = (1) + \uparrow m7_{-21}(\downarrow M2_{+21})$

$3606 = 2^1 \bullet 3^1 \bullet 601^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m3_{-23}(\downarrow M6_{+23})^1} = (1) + \uparrow m7_{-21}(\downarrow M2_{+21})$

$3607 = 3607^1 = \mathbf{(1) + \uparrow m7_{-20}(\downarrow M2_{+20})}$

$3608 = 2^3 \bullet 11^1 \bullet 41^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow M3_{+29}(\downarrow m6_{-29})^1} = (1) + \uparrow m7_{-20}(\downarrow M2_{+20})$

$3609 = 3^2 \bullet 401^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m6_{-23}(\downarrow M3_{+23})^1} = (1) + \uparrow m7_{-19}(\downarrow M2_{+19})$

$3610 = 2^1 \bullet 5^1 \bullet 19^2 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^2} = (1) + \uparrow m7_{-19}(\downarrow M2_{+19})$

$3611 = 23^1 \bullet 157^1 = \mathbf{(1) + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow M3_{-46}(\downarrow m6_{+46})^1} = (1) + \uparrow m7_{-18}(\downarrow M2_{+18})$

$3612 = 2^2 \bullet 3^1 \bullet 7^1 \bullet 43^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow P4_{+12}(\downarrow P5_{-12})^1} = (1) + \uparrow m7_{-18}(\downarrow M2_{+18})$

$3613 = 3613^1 = \mathbf{(1) + \uparrow m7_{-17}(\downarrow M2_{+17})}$

$3614 = 2^1 \bullet 13^1 \bullet 139^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow m2_{+43}(\downarrow M7_{-43})^1} = (1) + \uparrow m7_{-17}(\downarrow M2_{+17})$

$3615 = 3^1 \bullet 5^1 \bullet 241^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M7_{-5}(\downarrow m2_{+5})^1} = (1) + \uparrow m7_{-16}(\downarrow M2_{+16})$

$3616 = 2^5 \bullet 113^1 = \mathbf{(1) + \updownarrow 8ve(uni)^5 + \uparrow m7_{-16}(\downarrow M2_{+16})^1} = (1) + \uparrow m7_{-16}(\downarrow M2_{+16})$

$3617 = 3617^1 = \mathbf{(1) + \uparrow m7_{-15}(\downarrow M2_{+15})}$

$3618 = 2^1 \bullet 3^3 \bullet 67^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow m2_{-21}(\downarrow M7_{+21})^1} = (1) + \uparrow m7_{-15}(\downarrow M2_{+15})$

$3619 = 7^1 \bullet 11^1 \bullet 47^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow P5_{-34}(\downarrow P4_{+34})^1} = (1) + \uparrow m7_{-14}(\downarrow M2_{+14})$

$3620 = 2^2 \bullet 5^1 \bullet 181^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{+0}(\downarrow tt_{-0})^1} = (1) + \uparrow m7_{-14}(\downarrow M2_{+14})$

$3621 = 3^1 \bullet 17^1 \bullet 71^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow M2_{-20}(\downarrow m7_{+20})^1} = (1) + \uparrow m7_{-13}(\downarrow M2_{+13})$

$3622 = 2^1 \bullet 1811^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-13}(\downarrow M2_{+13})^1} = (1) + \uparrow m7_{-13}(\downarrow M2_{+13})$

$3623 = 3623^1 = \mathbf{(1) + \uparrow m7_{-12}(\downarrow M2_{+12})}$

$3624 = 2^3 \bullet 3^1 \bullet 151^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m3_{-14}(\downarrow M6_{+14})^1} = (1) + \uparrow m7_{-12}(\downarrow M2_{+12})$

$3625 = 5^3 \bullet 29^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^3 + \uparrow m7_{+30}(\downarrow M2_{-30})^1} = (1) + \uparrow m7_{-11}(\downarrow M2_{+11})$

$3626 = 2^1 \bullet 7^2 \bullet 37^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^2 + \uparrow m3_{-49}(\downarrow M6_{+49})^1} = (1) + \uparrow m7_{-11}(\downarrow M2_{+11})$

$3627 = 3^2 \bullet 13^1 \bullet 31^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow M7_{+45}(\downarrow m2_{-45})^1} = (1) + \uparrow m7_{-11}(\downarrow M2_{+11})$

$3628 = 2^2 \bullet 907^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m7_{-10}(\downarrow M2_{+10})^1} = (1) + \uparrow m7_{-10}(\downarrow M2_{+10})$

$3629 = 19^1 \bullet 191^1 = \mathbf{(1) + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow P5_{-7}(\downarrow P4_{+7})^1} = (1) + \uparrow m7_{-10}(\downarrow M2_{+10})$

$3630 = 2^1 \bullet 3^1 \bullet 5^1 \bullet 11^2 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^2} = (1) + \uparrow m7_{-9}(\downarrow M2_{+9})$

$3631 = 3631^1 = \mathbf{(1) + \uparrow m7_{-9}(\downarrow M2_{+9})}$

$3632 = 2^4 \bullet 227^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow m7_{-8}(\downarrow M2_{+8})^1} = (1) + \uparrow m7_{-8}(\downarrow M2_{+8})$

$3633 = 3^1 \bullet 7^1 \bullet 173^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow P4_{+22}(\downarrow P5_{-22})^1} = (1) + \uparrow m7_{-8}(\downarrow M2_{+8})$

$3634 = 2^1 \bullet 23^1 \bullet 79^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow M3_{-35}(\downarrow m6_{+35})^1} = (1) + \uparrow m7_{-7}(\downarrow M2_{+7})$

$3635 = 5^1 \bullet 727^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{+7}(\downarrow tt_{-7})^1} = (1) + \uparrow m7_{-7}(\downarrow M2_{+7})$

$3636 = 2^2 \bullet 3^2 \bullet 101^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m6_{-10}(\downarrow M3_{+10})^1} = (1) + \uparrow m7_{-6}(\downarrow M2_{+6})$

$3637 = 3637^1 = \mathbf{(1) + \uparrow m7_{-6}(\downarrow M2_{+6})}$

$3638 = 2^1 \bullet 17^1 \bullet 107^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow M6_{-10}(\downarrow m3_{+10})^1} = (1) + \uparrow m7_{-5}(\downarrow M2_{+5})$

$3639 = 3^1 \bullet 1213^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m3_{-7}(\downarrow M6_{+7})^1} = (1) + \uparrow m7_{-5}(\downarrow M2_{+5})$

$3640 = 2^3 \bullet 5^1 \bullet 7^1 \bullet 13^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1} = (1) + \uparrow m7_{-4}(\downarrow M2_{+4})$

$3641 = 11^1 \bullet 331^1 = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow M3_{+45}(\downarrow m6_{-45})^1} = (1) + \uparrow m7_{-4}(\downarrow M2_{+4})$

$3642 = 2^1 \bullet 3^1 \bullet 607^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m3_{-5}(\downarrow M6_{+5})^1} = (1) + \uparrow m7_{-3}(\downarrow M2_{+3})$

$3643 = 3643^1 = \mathbf{(1) + \uparrow m7_{-3}(\downarrow M2_{+3})}$

$3644 = 2^2 \bullet 911^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m7_{-2}(\downarrow M2_{+2})^1} = (1) + \uparrow m7_{-2}(\downarrow M2_{+2})$

$3645 = 3^6 \bullet 5^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^6 + \uparrow M3_{-14}(\downarrow m6_{+14})^1} = (1) + \uparrow m7_{-2}(\downarrow M2_{+2})$

$3646 = 2^1 \bullet 1823^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-1}(\downarrow M2_{+1})^1} = (1) + \uparrow m7_{-1}(\downarrow M2_{+1})$

$3647 = 7^1 \bullet 521^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow uni_{+30}(\downarrow 8ve_{-30})^1} = (1) + \uparrow m7_{-1}(\downarrow M2_{+1})$

$3648 = 2^6 \bullet 3^1 \bullet 19^1 = \mathbf{(1) + \updownarrow 8ve(uni)^6 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1} = (1) + \uparrow m7_{-1}(\downarrow M2_{+1})$

$3649 = 41^1 \bullet 89^1 = \mathbf{(1) + \uparrow M3_{+29}(\downarrow m6_{-29})^1 + \uparrow tt_{-29}(\downarrow tt_{+29})^1} = (1) + \uparrow m7_{+0}(\downarrow M2_{-0})$

$3650 = 2^1 \bullet 5^2 \bullet 73^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow M2_{+28}(\downarrow m7_{-28})^1} = (1) + \uparrow m7_{+0}(\downarrow M2_{-0})$

$3651 = 3^1 \bullet 1217^1 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m3_{-1}(\downarrow M6_{+1})^1 = (1) + \uparrow m7_{+1}(\downarrow M2_{-1})$

$3652 = 2^2 \bullet 11^1 \bullet 83^1 = (1) + \updownarrow 8ve(uni)^2 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow P4_{-50}(\downarrow P5_{+50})^1 = (1) + \uparrow m7_{+1}(\downarrow M2_{-1})$

$3653 = 13^1 \bullet 281^1 = (1) + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow M2_{-39}(\downarrow m7_{+39})^1 = (1) + \uparrow m7_{+2}(\downarrow M2_{-2})$

$3654 = 2^1 \bullet 3^2 \bullet 7^1 \bullet 29^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1 = (1) + \uparrow m7_{+2}(\downarrow M2_{-2})$

$3655 = 5^1 \bullet 17^1 \bullet 43^1 = (1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow P4_{+12}(\downarrow P5_{-12})^1 = (1) + \uparrow m7_{+3}(\downarrow M2_{-3})$

$3656 = 2^3 \bullet 457^1 = (1) + \updownarrow 8ve(uni)^3 + \uparrow m7_{+3}(\downarrow M2_{-3})^1 = (1) + \uparrow m7_{+3}(\downarrow M2_{-3})$

$3657 = 3^1 \bullet 23^1 \bullet 53^1 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow M6_{-26}(\downarrow m3_{+26})^1 = (1) + \uparrow m7_{+4}(\downarrow M2_{-4})$

$3658 = 2^1 \bullet 31^1 \bullet 59^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow M7_{+45}(\downarrow m2_{-45})^1 + \uparrow M7_{-41}(\downarrow m2_{+41})^1 = (1) + \uparrow m7_{+4}(\downarrow M2_{-4})$

$3659 = 3659^1 = (1) + \uparrow m7_{+5}(\downarrow M2_{-5})$

$3660 = 2^2 \bullet 3^1 \bullet 5^1 \bullet 61^1 = (1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M7_{+17}(\downarrow m2_{-17})^1 = (1) + \uparrow m7_{+5}(\downarrow M2_{-5})$

$3661 = 7^1 \bullet 523^1 = (1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow uni_{+37}(\downarrow 8ve_{-37})^1 = (1) + \uparrow m7_{+6}(\downarrow M2_{-6})$

$3662 = 2^1 \bullet 1831^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{+6}(\downarrow M2_{-6})^1 = (1) + \uparrow m7_{+6}(\downarrow M2_{-6})$

$3663 = 3^2 \bullet 11^1 \bullet 37^1 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m3_{-49}(\downarrow M6_{+49})^1 = (1) + \uparrow m7_{+7}(\downarrow M2_{-7})$

$3664 = 2^4 \bullet 229^1 = (1) + \updownarrow 8ve(uni)^4 + \uparrow m7_{+7}(\downarrow M2_{-7})^1 = (1) + \uparrow m7_{+7}(\downarrow M2_{-7})$

$3665 = 5^1 \bullet 733^1 = (1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{+21}(\downarrow tt_{-21})^1 = (1) + \uparrow m7_{+8}(\downarrow M2_{-8})$

$3666 = 2^1 \bullet 3^1 \bullet 13^1 \bullet 47^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow P5_{-34}(\downarrow P4_{+34})^1 = (1) + \uparrow m7_{+8}(\downarrow M2_{-8})$

$3667 = 19^1 \bullet 193^1 = (1) + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow P5_{+11}(\downarrow P4_{-11})^1 = (1) + \uparrow m7_{+8}(\downarrow M2_{-8})$

$3668 = 2^2 \bullet 7^1 \bullet 131^1 = (1) + \updownarrow 8ve(uni)^2 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow uni_{+40}(\downarrow 8ve_{-40})^1 = (1) + \uparrow m7_{+9}(\downarrow M2_{-9})$

$3669 = 3^1 \bullet 1223^1 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m3_{+7}(\downarrow M6_{-7})^1 = (1) + \uparrow m7_{+9}(\downarrow M2_{-9})$

$3670 = 2^1 \bullet 5^1 \bullet 367^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{+24}(\downarrow tt_{-24})^1 = (1) + \uparrow m7_{+10}(\downarrow M2_{-10})$

$3671 = 3671^1 = (1) + \uparrow m7_{+10}(\downarrow M2_{-10})$

$3672 = 2^3 \bullet 3^3 \bullet 17^1 = (1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 = (1) + \uparrow m7_{+11}(\downarrow M2_{-11})$

$3673 = 3673^1 = (1) + \uparrow m7_{+11}(\downarrow M2_{-11})$

$3674 = 2^1 \bullet 11^1 \bullet 167^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow P4_{-40}(\downarrow P5_{+40})^1 = (1) + \uparrow m7_{+12}(\downarrow M2_{-12})$

$3675 = 3^1 \bullet 5^2 \bullet 7^2 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow m7_{-31}(\downarrow M2_{+31})^2 = (1) + \uparrow m7_{+12}(\downarrow M2_{-12})$

$3676 = 2^2 \bullet 919^1 = (1) + \updownarrow 8ve(uni)^2 + \uparrow m7_{+13}(\downarrow M2_{-13})^1 = (1) + \uparrow m7_{+13}(\downarrow M2_{-13})$

$3677 = 3677^1 = (1) + \uparrow m7_{+13}(\downarrow M2_{-13})$

$3678 = 2^1 \bullet 3^1 \bullet 613^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m3_{+12}(\downarrow M6_{-12})^1 = (1) + \uparrow m7_{+14}(\downarrow M2_{-14})$

$3679 = 13^1 \bullet 283^1 = (1) + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow M2_{-26}(\downarrow m7_{+26})^1 = (1) + \uparrow m7_{+14}(\downarrow M2_{-14})$

$3680 = 2^5 \bullet 5^1 \bullet 23^1 = (1) + \updownarrow 8ve(uni)^5 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1 = (1) + \uparrow m7_{+15}(\downarrow M2_{-15})$

$3681 = 3^2 \bullet 409^1 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m6_{+11}(\downarrow M3_{-11})^1 = (1) + \uparrow m7_{+15}(\downarrow M2_{-15})$

$3682 = 2^1 \bullet 7^1 \bullet 263^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow uni_{+47}(\downarrow 8ve_{-47})^1 = (1) + \uparrow m7_{+16}(\downarrow M2_{-16})$

$3683 = 29^1 \bullet 127^1 = (1) + \uparrow m7_{+30}(\downarrow M2_{-30})^1 + \uparrow 8ve_{-14}(\downarrow uni_{+14})^1 = (1) + \uparrow m7_{+16}(\downarrow M2_{-16})$

$3684 = 2^2 \bullet 3^1 \bullet 307^1 = (1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m3_{+15}(\downarrow M6_{-15})^1 = (1) + \uparrow m7_{+16}(\downarrow M2_{-16})$

$3685 = 5^1 \bullet 11^1 \bullet 67^1 = (1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m2_{-21}(\downarrow M7_{+21})^1 = (1) + \uparrow m7_{+17}(\downarrow M2_{-17})$

$3686 = 2^1 \bullet 19^1 \bullet 97^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow P5_{+20}(\downarrow P4_{-20})^1 = (1) + \uparrow m7_{+17}(\downarrow M2_{-17})$

$3687 = 3^1 \bullet 1229^1 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m3_{+16}(\downarrow M6_{-16})^1 = (1) + \uparrow m7_{+18}(\downarrow M2_{-18})$

$3688 = 2^3 \bullet 461^1 = (1) + \updownarrow 8ve(uni)^3 + \uparrow m7_{+18}(\downarrow M2_{-18})^1 = (1) + \uparrow m7_{+18}(\downarrow M2_{-18})$

$3689 = 7^1 \bullet 17^1 \bullet 31^1 = (1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow M7_{+45}(\downarrow m2_{-45})^1 = (1) + \uparrow m7_{+19}(\downarrow M2_{-19})$

$3690 = 2^1 \bullet 3^2 \bullet 5^1 \bullet 41^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M3_{+29}(\downarrow m6_{-29})^1 = (1) + \uparrow m7_{+19}(\downarrow M2_{-19})$

$3691 = 3691^1 = (1) + \uparrow m7_{+20}(\downarrow M2_{-20})$

$3692 = 2^2 \bullet 13^1 \bullet 71^1 = (1) + \updownarrow 8ve(uni)^2 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow M2_{-20}(\downarrow m7_{+20})^1 = (1) + \uparrow m7_{+20}(\downarrow M2_{-20})$

$3693 = 3^1 \bullet 1231^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m3_{+19}(\downarrow M6_{-19})^1} = (1) + \uparrow m7_{+21}(\downarrow M2_{-21})$

$3694 = 2^1 \bullet 1847^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{+21}(\downarrow M2_{-21})^1} = (1) + \uparrow m7_{+21}(\downarrow M2_{-21})$

$3695 = 5^1 \bullet 739^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{+35}(\downarrow tt_{-35})^1} = (1) + \uparrow m7_{+22}(\downarrow M2_{-22})$

$3696 = 2^4 \bullet 3^1 \bullet 7^1 \bullet 11^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1} = (1) + \uparrow m7_{+22}(\downarrow M2_{-22})$

$3697 = 3697^1 = \mathbf{(1) + \uparrow m7_{+23}(\downarrow M2_{-23})}$

$3698 = 2^1 \bullet 43^2 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P4_{+12}(\downarrow P5_{-12})^2} = (1) + \uparrow m7_{+23}(\downarrow M2_{-23})$

$3699 = 3^3 \bullet 137^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow m2_{+18}(\downarrow M7_{-18})^1} = (1) + \uparrow m7_{+24}(\downarrow M2_{-24})$

$3700 = 2^2 \bullet 5^2 \bullet 37^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow m3_{-49}(\downarrow M6_{+49})^1} = (1) + \uparrow m7_{+24}(\downarrow M2_{-24})$

$3701 = 3701^1 = \mathbf{(1) + \uparrow m7_{+24}(\downarrow M2_{-24})}$

$3702 = 2^1 \bullet 3^1 \bullet 617^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m3_{+23}(\downarrow M6_{-23})^1} = (1) + \uparrow m7_{+25}(\downarrow M2_{-25})$

$3703 = 7^1 \bullet 23^2 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^2} = (1) + \uparrow m7_{+25}(\downarrow M2_{-25})$

$3704 = 2^3 \bullet 463^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow m7_{+26}(\downarrow M2_{-26})^1} = (1) + \uparrow m7_{+26}(\downarrow M2_{-26})$

$3705 = 3^1 \bullet 5^1 \bullet 13^1 \bullet 19^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1} =$
$(1) + \uparrow m7_{+26}(\downarrow M2_{-26})$

$3706 = 2^1 \bullet 17^1 \bullet 109^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow M6_{+22}(\downarrow m3_{-22})^1} = (1) + \uparrow m7_{+27}(\downarrow M2_{-27})$

$3707 = 11^1 \bullet 337^1 = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow P4_{-24}(\downarrow P5_{+24})^1} = (1) + \uparrow m7_{+27}(\downarrow M2_{-27})$

$3708 = 2^2 \bullet 3^2 \bullet 103^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m6_{+24}(\downarrow M3_{-24})^1} = (1) + \uparrow m7_{+28}(\downarrow M2_{-28})$

$3709 = 3709^1 = \mathbf{(1) + \uparrow m7_{+28}(\downarrow M2_{-28})}$

$3710 = 2^1 \bullet 5^1 \bullet 7^1 \bullet 53^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M6_{-26}(\downarrow m3_{+26})^1} = (1) + \uparrow m7_{+29}(\downarrow M2_{-29})$

$3711 = 3^1 \bullet 1237^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m3_{+27}(\downarrow M6_{-27})^1} = (1) + \uparrow m7_{+29}(\downarrow M2_{-29})$

$3712 = 2^7 \bullet 29^1 = \mathbf{(1) + \updownarrow 8ve(uni)^7 + \uparrow m7_{+30}(\downarrow M2_{-30})^1} = (1) + \uparrow m7_{+30}(\downarrow M2_{-30})$

$3713 = 47^1 \bullet 79^1 = \mathbf{(1) + \uparrow P5_{-34}(\downarrow P4_{+34})^1 + \uparrow M3_{-35}(\downarrow m6_{+35})^1} = (1) + \uparrow m7_{+30}(\downarrow M2_{-30})$

$3714 = 2^1 \bullet 3^1 \bullet 619^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m3_{+29}(\downarrow M6_{-29})^1} = (1) + \uparrow m7_{+31}(\downarrow M2_{-31})$

$3715 = 5^1 \bullet 743^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{+45}(\downarrow tt_{-45})^1} = (1) + \uparrow m7_{+31}(\downarrow M2_{-31})$

$3716 = 2^2 \bullet 929^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m7_{+31}(\downarrow M2_{-31})^1} = (1) + \uparrow m7_{+31}(\downarrow M2_{-31})$

$3717 = 3^2 \bullet 7^1 \bullet 59^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M7_{-41}(\downarrow m2_{+41})^1} = (1) + \uparrow m7_{+32}(\downarrow M2_{-32})$

$3718 = 2^1 \bullet 11^1 \bullet 13^2 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^2} = (1) + \uparrow m7_{+32}(\downarrow M2_{-32})$

$3719 = 3719^1 = \mathbf{(1) + \uparrow m7_{+33}(\downarrow M2_{-33})}$

$3720 = 2^3 \bullet 3^1 \bullet 5^1 \bullet 31^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M7_{+45}(\downarrow m2_{-45})^1} = (1) + \uparrow m7_{+33}(\downarrow M2_{-33})$

$3721 = 61^2 = \mathbf{(1) + \uparrow M7_{+17}(\downarrow m2_{-17})^2} = (1) + \uparrow m7_{+34}(\downarrow M2_{-34})$

$3722 = 2^1 \bullet 1861^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{+34}(\downarrow M2_{-34})^1} = (1) + \uparrow m7_{+34}(\downarrow M2_{-34})$

$3723 = 3^1 \bullet 17^1 \bullet 73^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow M2_{+28}(\downarrow m7_{-28})^1} = (1) + \uparrow m7_{+35}(\downarrow M2_{-35})$

$3724 = 2^2 \bullet 7^2 \bullet 19^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m7_{-31}(\downarrow M2_{+31})^2 + \uparrow m3_{-2}(\downarrow M6_{+2})^1} = (1) + \uparrow m7_{+35}(\downarrow M2_{-35})$

$3725 = 5^2 \bullet 149^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow m3_{-37}(\downarrow M6_{+37})^1} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$3726 = 2^1 \bullet 3^4 \bullet 23^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^4 + \uparrow tt_{+28}(\downarrow tt_{-28})^1} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$3727 = 3727^1 = \mathbf{(1) + \uparrow m7_{+37}(\downarrow M2_{-37})}$

$3728 = 2^4 \bullet 233^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow m7_{+37}(\downarrow M2_{-37})^1} = (1) + \uparrow m7_{+37}(\downarrow M2_{-37})$

$3729 = 3^1 \bullet 11^1 \bullet 113^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m7_{-16}(\downarrow M2_{+16})^1} = (1) + \uparrow m7_{+37}(\downarrow M2_{-37})$

$3730 = 2^1 \bullet 5^1 \bullet 373^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow P5_{-48}(\downarrow P4_{+48})^1} = (1) + \uparrow m7_{+38}(\downarrow M2_{-38})$

$3731 = 7^1 \bullet 13^1 \bullet 41^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow M3_{+29}(\downarrow m6_{-29})^1} = (1) + \uparrow m7_{+38}(\downarrow M2_{-38})$

$3732 = 2^2 \bullet 3^1 \bullet 311^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m3_{+37}(\downarrow M6_{-37})^1} = (1) + \uparrow m7_{+39}(\downarrow M2_{-39})$

$3733 = 3733^1 = \mathbf{(1) + \uparrow m7_{+39}(\downarrow M2_{-39})}$

$3734 = 2^1 \bullet 1867^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{+40}(\downarrow M2_{-40})^1} = (1) + \uparrow m7_{+40}(\downarrow M2_{-40})$

$3735 = 3^2 \cdot 5^1 \cdot 83^1 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow P4_{-50}(\downarrow P5_{+50})^1 = (1) + \uparrow m7_{+40}(\downarrow M2_{-40})$

$3736 = 2^3 \cdot 467^1 = (1) + \updownarrow 8ve(uni)^3 + \uparrow m7_{+41}(\downarrow M2_{-41})^1 = (1) + \uparrow m7_{+41}(\downarrow M2_{-41})$

$3737 = 37^1 \cdot 101^1 = (1) + \uparrow m3_{-49}(\downarrow M6_{+49})^1 + \uparrow m6_{-10}(\downarrow M3_{+10})^1 = (1) + \uparrow m7_{+41}(\downarrow M2_{-41})$

$3738 = 2^1 \cdot 3^1 \cdot 7^1 \cdot 89^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow tt_{-29}(\downarrow tt_{+29})^1 = (1) + \uparrow m7_{+42}(\downarrow M2_{-42})$

$3739 = 3739^1 = (1) + \uparrow m7_{+42}(\downarrow M2_{-42})$

$3740 = 2^2 \cdot 5^1 \cdot 11^1 \cdot 17^1 = (1) + \updownarrow 8ve(uni)^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 = (1) + \uparrow m7_{+43}(\downarrow M2_{-43})$

$3741 = 3^1 \cdot 29^1 \cdot 43^1 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1 + \uparrow P4_{+12}(\downarrow P5_{-12})^1 = (1) + \uparrow m7_{+43}(\downarrow M2_{-43})$

$3742 = 2^1 \cdot 1871^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{+44}(\downarrow M2_{-44})^1 = (1) + \uparrow m7_{+44}(\downarrow M2_{-44})$

$3743 = 19^1 \cdot 197^1 = (1) + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow P5_{+46}(\downarrow P4_{-46})^1 = (1) + \uparrow m7_{+44}(\downarrow M2_{-44})$

$3744 = 2^5 \cdot 3^2 \cdot 13^1 = (1) + \updownarrow 8ve(uni)^5 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 = (1) + \uparrow m7_{+44}(\downarrow M2_{-44})$

$3745 = 5^1 \cdot 7^1 \cdot 107^1 = (1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M6_{-10}(\downarrow m3_{+10})^1 = (1) + \uparrow m7_{+45}(\downarrow M2_{-45})$

$3746 = 2^1 \cdot 1873^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{+45}(\downarrow M2_{-45})^1 = (1) + \uparrow m7_{+45}(\downarrow M2_{-45})$

$3747 = 3^1 \cdot 1249^1 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m3_{+44}(\downarrow M6_{-44})^1 = (1) + \uparrow m7_{+46}(\downarrow M2_{-46})$

$3748 = 2^2 \cdot 937^1 = (1) + \updownarrow 8ve(uni)^2 + \uparrow m7_{+46}(\downarrow M2_{-46})^1 = (1) + \uparrow m7_{+46}(\downarrow M2_{-46})$

$3749 = 23^1 \cdot 163^1 = (1) + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow M3_{+18}(\downarrow m6_{-18})^1 = (1) + \uparrow m7_{+47}(\downarrow M2_{-47})$

$3750 = 2^1 \cdot 3^1 \cdot 5^4 = (1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^4 = (1) + \uparrow m7_{+47}(\downarrow M2_{-47})$

$3751 = 11^2 \cdot 31^1 = (1) + \uparrow tt_{-49}(\downarrow tt_{+49})^2 + \uparrow M7_{+45}(\downarrow m2_{-45})^1 = (1) + \uparrow m7_{+48}(\downarrow M2_{-48})$

$3752 = 2^3 \cdot 7^1 \cdot 67^1 = (1) + \updownarrow 8ve(uni)^3 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m2_{-21}(\downarrow M7_{+21})^1 = (1) + \uparrow m7_{+48}(\downarrow M2_{-48})$

$3753 = 3^3 \cdot 139^1 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow m2_{+43}(\downarrow M7_{-43})^1 = (1) + \uparrow m7_{+49}(\downarrow M2_{-49})$

$3754 = 2^1 \cdot 1877^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{+49}(\downarrow M2_{-49})^1 = (1) + \uparrow m7_{+49}(\downarrow M2_{-49})$

$3755 = 5^1 \cdot 751^1 = (1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow P5_{-37}(\downarrow P4_{+37})^1 = (1) + \uparrow m7_{+50}(\downarrow M2_{-50})$

$3756 = 2^2 \cdot 3^1 \cdot 313^1 = (1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m3_{+48}(\downarrow M6_{-48})^1 = (1) + \uparrow m7_{+50}(\downarrow M2_{-50})$

$3757 = 13^1 \cdot 17^2 = (1) + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^2 = (1) + \uparrow M7_{-50}(\downarrow m2_{+50})$

$3758 = 2^1 \cdot 1879^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow M7_{-49}(\downarrow m2_{+49})^1 = (1) + \uparrow M7_{-49}(\downarrow m2_{+49})$

$3759 = 3^1 \cdot 7^1 \cdot 179^1 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow tt_{-19}(\downarrow tt_{+19})^1 = (1) + \uparrow M7_{-49}(\downarrow m2_{+49})$

$3760 = 2^4 \cdot 5^1 \cdot 47^1 = (1) + \updownarrow 8ve(uni)^4 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow P5_{-34}(\downarrow P4_{+34})^1 = (1) + \uparrow M7_{-48}(\downarrow m2_{+48})$

$3761 = 3761^1 = (1) + \uparrow M7_{-48}(\downarrow m2_{+48})$

$3762 = 2^1 \cdot 3^2 \cdot 11^1 \cdot 19^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 = (1) + \uparrow M7_{-47}(\downarrow m2_{+47})$

$3763 = 53^1 \cdot 71^1 = (1) + \uparrow M6_{-26}(\downarrow m3_{+26})^1 + \uparrow M2_{-20}(\downarrow m7_{+20})^1 = (1) + \uparrow M7_{-47}(\downarrow m2_{+47})$

$3764 = 2^2 \cdot 941^1 = (1) + \updownarrow 8ve(uni)^2 + \uparrow M7_{-46}(\downarrow m2_{+46})^1 = (1) + \uparrow M7_{-46}(\downarrow m2_{+46})$

$3765 = 3^1 \cdot 5^1 \cdot 251^1 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow 8ve_{-34}(\downarrow uni_{+34})^1 = (1) + \uparrow M7_{-46}(\downarrow m2_{+46})$

$3766 = 2^1 \cdot 7^1 \cdot 269^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m2_{-14}(\downarrow M7_{+14})^1 = (1) + \uparrow M7_{-45}(\downarrow m2_{+45})$

$3767 = 3767^1 = (1) + \uparrow M7_{-45}(\downarrow m2_{+45})$

$3768 = 2^3 \cdot 3^1 \cdot 157^1 = (1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-46}(\downarrow m6_{+46})^1 = (1) + \uparrow M7_{-45}(\downarrow m2_{+45})$

$3769 = 3769^1 = (1) + \uparrow M7_{-44}(\downarrow m2_{+44})$

$3770 = 2^1 \cdot 5^1 \cdot 13^1 \cdot 29^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1 = (1) + \uparrow M7_{-44}(\downarrow m2_{+44})$

$3771 = 3^2 \cdot 419^1 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M6_{-47}(\downarrow m3_{+47})^1 = (1) + \uparrow M7_{-43}(\downarrow m2_{+43})$

$3772 = 2^2 \cdot 23^1 \cdot 41^1 = (1) + \updownarrow 8ve(uni)^2 + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow M3_{+29}(\downarrow m6_{-29})^1 = (1) + \uparrow M7_{-43}(\downarrow m2_{+43})$

$3773 = 7^3 \cdot 11^1 = (1) + \uparrow m7_{-31}(\downarrow M2_{+31})^3 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 = (1) + \uparrow M7_{-42}(\downarrow m2_{+42})$

$3774 = 2^1 \cdot 3^1 \cdot 17^1 \cdot 37^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow m3_{-49}(\downarrow M6_{+49})^1 = (1) + \uparrow M7_{-42}(\downarrow m2_{+42})$

$3775 = 5^2 \cdot 151^1 = (1) + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow m3_{-14}(\downarrow M6_{+14})^1 = (1) + \uparrow M7_{-41}(\downarrow m2_{+41})$

$3776 = 2^6 \cdot 59^1 = (1) + \updownarrow 8ve(uni)^6 + \uparrow M7_{-41}(\downarrow m2_{+41})^1 = (1) + \uparrow M7_{-41}(\downarrow m2_{+41})$

$3777 = 3^{1}\bullet 1259^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-42}(\downarrow m6_{+42})^{1}} = (1) + \uparrow M7_{-40}(\downarrow m2_{+40})$

$3778 = 2^{1}\bullet 1889^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M7_{-40}(\downarrow m2_{+40})^{1}} = (1) + \uparrow M7_{-40}(\downarrow m2_{+40})$

$3779 = 3779^{1} = \mathbf{(1) + \uparrow M7_{-39}(\downarrow m2_{+39})}$

$3780 = 2^{2}\bullet 3^{3}\bullet 5^{1}\bullet 7^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1}} = (1) + \uparrow M7_{-39}(\downarrow m2_{+39})$

$3781 = 19^{1}\bullet 199^{1} = \mathbf{(1) + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow m6_{-36}(\downarrow M3_{+36})^{1}} = (1) + \uparrow M7_{-39}(\downarrow m2_{+39})$

$3782 = 2^{1}\bullet 31^{1}\bullet 61^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1} + \uparrow M7_{+17}(\downarrow m2_{-17})^{1}} = (1) + \uparrow M7_{-38}(\downarrow m2_{+38})$

$3783 = 3^{1}\bullet 13^{1}\bullet 97^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow P5_{+20}(\downarrow P4_{-20})^{1}} = (1) + \uparrow M7_{-38}(\downarrow m2_{+38})$

$3784 = 2^{3}\bullet 11^{1}\bullet 43^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow P4_{+12}(\downarrow P5_{-12})^{1}} = (1) + \uparrow M7_{-37}(\downarrow m2_{+37})$

$3785 = 5^{1}\bullet 757^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow P5_{-23}(\downarrow P4_{+23})^{1}} = (1) + \uparrow M7_{-37}(\downarrow m2_{+37})$

$3786 = 2^{1}\bullet 3^{1}\bullet 631^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-38}(\downarrow m6_{+38})^{1}} = (1) + \uparrow M7_{-36}(\downarrow m2_{+36})$

$3787 = 7^{1}\bullet 541^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m2_{-5}(\downarrow M7_{+5})^{1}} = (1) + \uparrow M7_{-36}(\downarrow m2_{+36})$

$3788 = 2^{2}\bullet 947^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M7_{-35}(\downarrow m2_{+35})^{1}} = (1) + \uparrow M7_{-35}(\downarrow m2_{+35})$

$3789 = 3^{2}\bullet 421^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M6_{-39}(\downarrow m3_{+39})^{1}} = (1) + \uparrow M7_{-35}(\downarrow m2_{+35})$

$3790 = 2^{1}\bullet 5^{1}\bullet 379^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow P5_{-21}(\downarrow P4_{+21})^{1}} = (1) + \uparrow M7_{-34}(\downarrow m2_{+34})$

$3791 = 17^{1}\bullet 223^{1} = \mathbf{(1) + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow m7_{-39}(\downarrow M2_{+39})^{1}} = (1) + \uparrow M7_{-34}(\downarrow m2_{+34})$

$3792 = 2^{4}\bullet 3^{1}\bullet 79^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-35}(\downarrow m6_{+35})^{1}} = (1) + \uparrow M7_{-34}(\downarrow m2_{+34})$

$3793 = 3793^{1} = \mathbf{(1) + \uparrow M7_{-33}(\downarrow m2_{+33})}$

$3794 = 2^{1}\bullet 7^{1}\bullet 271^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m2_{-1}(\downarrow M7_{+1})^{1}} = (1) + \uparrow M7_{-33}(\downarrow m2_{+33})$

$3795 = 3^{1}\bullet 5^{1}\bullet 11^{1}\bullet 23^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1}} = (1) + \uparrow M7_{-32}(\downarrow m2_{+32})$

$3796 = 2^{2}\bullet 13^{1}\bullet 73^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow M2_{+28}(\downarrow m7_{-28})^{1}} = (1) + \uparrow M7_{-32}(\downarrow m2_{+32})$

$3797 = 3797^{1} = \mathbf{(1) + \uparrow M7_{-31}(\downarrow m2_{+31})}$

$3798 = 2^{1}\bullet 3^{2}\bullet 211^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M6_{-35}(\downarrow m3_{+35})^{1}} = (1) + \uparrow M7_{-31}(\downarrow m2_{+31})$

$3799 = 29^{1}\bullet 131^{1} = \mathbf{(1) + \uparrow m7_{+30}(\downarrow M2_{-30})^{1} + \uparrow uni_{+40}(\downarrow 8ve_{-40})^{1}} = (1) + \uparrow M7_{-30}(\downarrow m2_{+30})$

$3800 = 2^{3}\bullet 5^{2}\bullet 19^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1}} = (1) + \uparrow M7_{-30}(\downarrow m2_{+30})$

$3801 = 3^{1}\bullet 7^{1}\bullet 181^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow tt_{+0}(\downarrow tt_{-0})^{1}} = (1) + \uparrow M7_{-29}(\downarrow m2_{+29})$

$3802 = 2^{1}\bullet 1901^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M7_{-29}(\downarrow m2_{+29})^{1}} = (1) + \uparrow M7_{-29}(\downarrow m2_{+29})$

$3803 = 3803^{1} = \mathbf{(1) + \uparrow M7_{-28}(\downarrow m2_{+28})}$

$3804 = 2^{2}\bullet 3^{1}\bullet 317^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-30}(\downarrow m6_{+30})^{1}} = (1) + \uparrow M7_{-28}(\downarrow m2_{+28})$

$3805 = 5^{1}\bullet 761^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow P5_{-14}(\downarrow P4_{+14})^{1}} = (1) + \uparrow M7_{-28}(\downarrow m2_{+28})$

$3806 = 2^{1}\bullet 11^{1}\bullet 173^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow P4_{+22}(\downarrow P5_{-22})^{1}} = (1) + \uparrow M7_{-27}(\downarrow m2_{+27})$

$3807 = 3^{4}\bullet 47^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{4} + \uparrow P5_{-34}(\downarrow P4_{+34})^{1}} = (1) + \uparrow M7_{-27}(\downarrow m2_{+27})$

$3808 = 2^{5}\bullet 7^{1}\bullet 17^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{5} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1}} = (1) + \uparrow M7_{-26}(\downarrow m2_{+26})$

$3809 = 13^{1}\bullet 293^{1} = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow M2_{+34}(\downarrow m7_{-34})^{1}} = (1) + \uparrow M7_{-26}(\downarrow m2_{+26})$

$3810 = 2^{1}\bullet 3^{1}\bullet 5^{1}\bullet 127^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow 8ve_{-14}(\downarrow uni_{+14})^{1}} = (1) + \uparrow M7_{-25}(\downarrow m2_{+25})$

$3811 = 37^{1}\bullet 103^{1} = \mathbf{(1) + \uparrow m3_{-49}(\downarrow M6_{+49})^{1} + \uparrow m6_{+24}(\downarrow M3_{-24})^{1}} = (1) + \uparrow M7_{-25}(\downarrow m2_{+25})$

$3812 = 2^{2}\bullet 953^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M7_{-24}(\downarrow m2_{+24})^{1}} = (1) + \uparrow M7_{-24}(\downarrow m2_{+24})$

$3813 = 3^{1}\bullet 31^{1}\bullet 41^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1} + \uparrow M3_{+29}(\downarrow m6_{-29})^{1}} = (1) + \uparrow M7_{-24}(\downarrow m2_{+24})$

$3814 = 2^{1}\bullet 1907^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M7_{-23}(\downarrow m2_{+23})^{1}} = (1) + \uparrow M7_{-23}(\downarrow m2_{+23})$

$3815 = 5^{1}\bullet 7^{1}\bullet 109^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M6_{+22}(\downarrow m3_{-22})^{1}} = (1) + \uparrow M7_{-23}(\downarrow m2_{+23})$

$3816 = 2^{3}\bullet 3^{2}\bullet 53^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M6_{-26}(\downarrow m3_{+26})^{1}} = (1) + \uparrow M7_{-23}(\downarrow m2_{+23})$

$3817 = 11^{1}\bullet 347^{1} = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow P4_{+27}(\downarrow P5_{-27})^{1}} = (1) + \uparrow M7_{-22}(\downarrow m2_{+22})$

$3818 = 2^{1}\bullet 23^{1}\bullet 83^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow P4_{-50}(\downarrow P5_{+50})^{1}} = (1) + \uparrow M7_{-22}(\downarrow m2_{+22})$

$3819 = 3^1 \bullet 19^1 \bullet 67^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow m2_{-21}(\downarrow M7_{+21})^1} = (1) + \uparrow M7_{-21}(\downarrow m2_{+21})$

$3820 = 2^2 \bullet 5^1 \bullet 191^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow P5_{-7}(\downarrow P4_{+7})^1} = (1) + \uparrow M7_{-21}(\downarrow m2_{+21})$

$3821 = 3821^1 = \mathbf{(1) + \uparrow M7_{-20}(\downarrow m2_{+20})}$

$3822 = 2^1 \bullet 3^1 \bullet 7^2 \bullet 13^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^2 + \uparrow m6_{+41}(\downarrow M3_{-41})^1} = (1) + \uparrow M7_{-20}(\downarrow m2_{+20})$

$3823 = 3823^1 = \mathbf{(1) + \uparrow M7_{-19}(\downarrow m2_{+19})}$

$3824 = 2^4 \bullet 239^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow M7_{-19}(\downarrow m2_{+19})^1} = (1) + \uparrow M7_{-19}(\downarrow m2_{+19})$

$3825 = 3^2 \bullet 5^2 \bullet 17^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow m2_{+5}(\downarrow M7_{-5})^1} = (1) + \uparrow M7_{-19}(\downarrow m2_{+19})$

$3826 = 2^1 \bullet 1913^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M7_{-18}(\downarrow m2_{+18})^1} = (1) + \uparrow M7_{-18}(\downarrow m2_{+18})$

$3827 = 43^1 \bullet 89^1 = \mathbf{(1) + \uparrow P4_{+12}(\downarrow P5_{-12})^1 + \uparrow tt_{-29}(\downarrow tt_{+29})^1} = (1) + \uparrow M7_{-18}(\downarrow m2_{+18})$

$3828 = 2^2 \bullet 3^1 \bullet 11^1 \bullet 29^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1} = (1) + \uparrow M7_{-17}(\downarrow m2_{+17})$

$3829 = 7^1 \bullet 547^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m2_{+14}(\downarrow M7_{-14})^1} = (1) + \uparrow M7_{-17}(\downarrow m2_{+17})$

$3830 = 2^1 \bullet 5^1 \bullet 383^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow P5_{-3}(\downarrow P4_{+3})^1} = (1) + \uparrow M7_{-16}(\downarrow m2_{+16})$

$3831 = 3^1 \bullet 1277^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-18}(\downarrow m6_{+18})^1} = (1) + \uparrow M7_{-16}(\downarrow m2_{+16})$

$3832 = 2^3 \bullet 479^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow M7_{-15}(\downarrow m2_{+15})^1} = (1) + \uparrow M7_{-15}(\downarrow m2_{+15})$

$3833 = 3833^1 = \mathbf{(1) + \uparrow M7_{-15}(\downarrow m2_{+15})}$

$3834 = 2^1 \bullet 3^3 \bullet 71^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow M2_{-20}(\downarrow m7_{+20})^1} = (1) + \uparrow M7_{-14}(\downarrow m2_{+14})$

$3835 = 5^1 \bullet 13^1 \bullet 59^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow M7_{-41}(\downarrow m2_{+41})^1} = (1) + \uparrow M7_{-14}(\downarrow m2_{+14})$

$3836 = 2^2 \bullet 7^1 \bullet 137^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m2_{+18}(\downarrow M7_{-18})^1} = (1) + \uparrow M7_{-14}(\downarrow m2_{+14})$

$3837 = 3^1 \bullet 1279^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-15}(\downarrow m6_{+15})^1} = (1) + \uparrow M7_{-13}(\downarrow m2_{+13})$

$3838 = 2^1 \bullet 19^1 \bullet 101^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow m6_{-10}(\downarrow M3_{+10})^1} = (1) + \uparrow M7_{-13}(\downarrow m2_{+13})$

$3839 = 11^1 \bullet 349^1 = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow P4_{+36}(\downarrow P5_{-36})^1} = (1) + \uparrow M7_{-12}(\downarrow m2_{+12})$

$3840 = 2^8 \bullet 3^1 \bullet 5^1 = \mathbf{(1) + \updownarrow 8ve(uni)^8 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1} = (1) + \uparrow M7_{-12}(\downarrow m2_{+12})$

$3841 = 23^1 \bullet 167^1 = \mathbf{(1) + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow P4_{-40}(\downarrow P5_{+40})^1} = (1) + \uparrow M7_{-11}(\downarrow m2_{+11})$

$3842 = 2^1 \bullet 17^1 \bullet 113^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow m7_{-16}(\downarrow M2_{+16})^1} = (1) + \uparrow M7_{-11}(\downarrow m2_{+11})$

$3843 = 3^2 \bullet 7^1 \bullet 61^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M7_{+17}(\downarrow m2_{-17})^1} = (1) + \uparrow M7_{-10}(\downarrow m2_{+10})$

$3844 = 2^2 \bullet 31^2 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M7_{+45}(\downarrow m2_{-45})^2} = (1) + \uparrow M7_{-10}(\downarrow m2_{+10})$

$3845 = 5^1 \bullet 769^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow P5_{+4}(\downarrow P4_{-4})^1} = (1) + \uparrow M7_{-9}(\downarrow m2_{+9})$

$3846 = 2^1 \bullet 3^1 \bullet 641^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-11}(\downarrow m6_{+11})^1} = (1) + \uparrow M7_{-9}(\downarrow m2_{+9})$

$3847 = 3847^1 = \mathbf{(1) + \uparrow M7_{-9}(\downarrow m2_{+9})}$

$3848 = 2^3 \bullet 13^1 \bullet 37^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow m3_{-49}(\downarrow M6_{+49})^1} = (1) + \uparrow M7_{-8}(\downarrow m2_{+8})$

$3849 = 3^1 \bullet 1283^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-10}(\downarrow m6_{+10})^1} = (1) + \uparrow M7_{-8}(\downarrow m2_{+8})$

$3850 = 2^1 \bullet 5^2 \bullet 7^1 \bullet 11^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1} = (1) + \uparrow M7_{-7}(\downarrow m2_{+7})$

$3851 = 3851^1 = \mathbf{(1) + \uparrow M7_{-7}(\downarrow m2_{+7})}$

$3852 = 2^2 \bullet 3^2 \bullet 107^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M6_{-10}(\downarrow m3_{+10})^1} = (1) + \uparrow M7_{-6}(\downarrow m2_{+6})$

$3853 = 3853^1 = \mathbf{(1) + \uparrow M7_{-6}(\downarrow m2_{+6})}$

$3854 = 2^1 \bullet 41^1 \bullet 47^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{+29}(\downarrow m6_{-29})^1 + \uparrow P5_{-34}(\downarrow P4_{+34})^1} = (1) + \uparrow M7_{-5}(\downarrow m2_{+5})$

$3855 = 3^1 \bullet 5^1 \bullet 257^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow uni_{+7}(\downarrow 8ve_{-7})^1} = (1) + \uparrow M7_{-5}(\downarrow m2_{+5})$

$3856 = 2^4 \bullet 241^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow M7_{-5}(\downarrow m2_{+5})^1} = (1) + \uparrow M7_{-5}(\downarrow m2_{+5})$

$3857 = 7^1 \bullet 19^1 \bullet 29^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1} = (1) + \uparrow M7_{-4}(\downarrow m2_{+4})$

$3858 = 2^1 \bullet 3^1 \bullet 643^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-6}(\downarrow m6_{+6})^1} = (1) + \uparrow M7_{-4}(\downarrow m2_{+4})$

$3859 = 17^1 \bullet 227^1 = \mathbf{(1) + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow m7_{-8}(\downarrow M2_{+8})^1} = (1) + \uparrow M7_{-3}(\downarrow m2_{+3})$

$3860 = 2^2 \bullet 5^1 \bullet 193^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow P5_{+11}(\downarrow P4_{-11})^1} = (1) + \uparrow M7_{-3}(\downarrow m2_{+3})$

$3861 = 3^3 \cdot 11^1 \cdot 13^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1} = (1) + \uparrow M7_{-2}(\downarrow m2_{+2})$

$3862 = 2^1 \cdot 1931^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M7_{-2}(\downarrow m2_{+2})^1} = (1) + \uparrow M7_{-2}(\downarrow m2_{+2})$

$3863 = 3863^1 = \mathbf{(1) + \uparrow M7_{-1}(\downarrow m2_{+1})}$

$3864 = 2^3 \cdot 3^1 \cdot 7^1 \cdot 23^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1} = (1) + \uparrow M7_{-1}(\downarrow m2_{+1})$

$3865 = 5^1 \cdot 773^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow P5_{+13}(\downarrow P4_{-13})^1} = (1) + \uparrow M7_{+0}(\downarrow m2_{-0})$

$3866 = 2^1 \cdot 1933^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M7_{+0}(\downarrow m2_{-0})^1} = (1) + \uparrow M7_{+0}(\downarrow m2_{-0})$

$3867 = 3^1 \cdot 1289^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-2}(\downarrow m6_{+2})^1} = (1) + \uparrow M7_{+0}(\downarrow m2_{-0})$

$3868 = 2^2 \cdot 967^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M7_{+1}(\downarrow m2_{-1})^1} = (1) + \uparrow M7_{+1}(\downarrow m2_{-1})$

$3869 = 53^1 \cdot 73^1 = \mathbf{(1) + \uparrow M6_{-26}(\downarrow m3_{+26})^1 + \uparrow M2_{+28}(\downarrow m7_{-28})^1} = (1) + \uparrow M7_{+1}(\downarrow m2_{-1})$

$3870 = 2^1 \cdot 3^2 \cdot 5^1 \cdot 43^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow P4_{+12}(\downarrow P5_{-12})^1} = (1) + \uparrow M7_{+2}(\downarrow m2_{-2})$

$3871 = 7^2 \cdot 79^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^2 + \uparrow M3_{-35}(\downarrow m6_{+35})^1} = (1) + \uparrow M7_{+2}(\downarrow m2_{-2})$

$3872 = 2^5 \cdot 11^2 = \mathbf{(1) + \updownarrow 8ve(uni)^5 + \uparrow tt_{-49}(\downarrow tt_{+49})^2} = (1) + \uparrow M7_{+3}(\downarrow m2_{-3})$

$3873 = 3^1 \cdot 1291^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{+1}(\downarrow m6_{-1})^1} = (1) + \uparrow M7_{+3}(\downarrow m2_{-3})$

$3874 = 2^1 \cdot 13^1 \cdot 149^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow m3_{-37}(\downarrow M6_{+37})^1} = (1) + \uparrow M7_{+4}(\downarrow m2_{-4})$

$3875 = 5^3 \cdot 31^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^3 + \uparrow M7_{+45}(\downarrow m2_{-45})^1} = (1) + \uparrow M7_{+4}(\downarrow m2_{-4})$

$3876 = 2^2 \cdot 3^1 \cdot 17^1 \cdot 19^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1} = (1) + \uparrow M7_{+4}(\downarrow m2_{-4})$

$3877 = 3877^1 = \mathbf{(1) + \uparrow M7_{+5}(\downarrow m2_{-5})}$

$3878 = 2^1 \cdot 7^1 \cdot 277^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m2_{+36}(\downarrow M7_{-36})^1} = (1) + \uparrow M7_{+5}(\downarrow m2_{-5})$

$3879 = 3^2 \cdot 431^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M6_{+2}(\downarrow m3_{-2})^1} = (1) + \uparrow M7_{+6}(\downarrow m2_{-6})$

$3880 = 2^3 \cdot 5^1 \cdot 97^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow P5_{+20}(\downarrow P4_{-20})^1} = (1) + \uparrow M7_{+6}(\downarrow m2_{-6})$

$3881 = 3881^1 = \mathbf{(1) + \uparrow M7_{+7}(\downarrow m2_{-7})}$

$3882 = 2^1 \cdot 3^1 \cdot 647^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{+5}(\downarrow m6_{-5})^1} = (1) + \uparrow M7_{+7}(\downarrow m2_{-7})$

$3883 = 11^1 \cdot 353^1 = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow tt_{-44}(\downarrow tt_{+44})^1} = (1) + \uparrow M7_{+8}(\downarrow m2_{-8})$

$3884 = 2^2 \cdot 971^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M7_{+8}(\downarrow m2_{-8})^1} = (1) + \uparrow M7_{+8}(\downarrow m2_{-8})$

$3885 = 3^1 \cdot 5^1 \cdot 7^1 \cdot 37^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m3_{-49}(\downarrow M6_{+49})^1} = (1) + \uparrow M7_{+8}(\downarrow m2_{-8})$

$3886 = 2^1 \cdot 29^1 \cdot 67^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1 + \uparrow m2_{-21}(\downarrow M7_{+21})^1} = (1) + \uparrow M7_{+9}(\downarrow m2_{-9})$

$3887 = 13^2 \cdot 23^1 = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^2 + \uparrow tt_{+28}(\downarrow tt_{-28})^1} = (1) + \uparrow M7_{+9}(\downarrow m2_{-9})$

$3888 = 2^4 \cdot 3^5 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow P5_{+2}(\downarrow P4_{-2})^5} = (1) + \uparrow M7_{+10}(\downarrow m2_{-10})$

$3889 = 3889^1 = \mathbf{(1) + \uparrow M7_{+10}(\downarrow m2_{-10})}$

$3890 = 2^1 \cdot 5^1 \cdot 389^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow P5_{+24}(\downarrow P4_{-24})^1} = (1) + \uparrow M7_{+11}(\downarrow m2_{-11})$

$3891 = 3^1 \cdot 1297^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{+9}(\downarrow m6_{-9})^1} = (1) + \uparrow M7_{+11}(\downarrow m2_{-11})$

$3892 = 2^2 \cdot 7^1 \cdot 139^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m2_{+43}(\downarrow M7_{-43})^1} = (1) + \uparrow M7_{+12}(\downarrow m2_{-12})$

$3893 = 17^1 \cdot 229^1 = \mathbf{(1) + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow m7_{+7}(\downarrow M2_{-7})^1} = (1) + \uparrow M7_{+12}(\downarrow m2_{-12})$

$3894 = 2^1 \cdot 3^1 \cdot 11^1 \cdot 59^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow M7_{-41}(\downarrow m2_{+41})^1} = (1) + \uparrow M7_{+12}(\downarrow m2_{-12})$

$3895 = 5^1 \cdot 19^1 \cdot 41^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow M3_{+29}(\downarrow m6_{-29})^1} = (1) + \uparrow M7_{+13}(\downarrow m2_{-13})$

$3896 = 2^3 \cdot 487^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow M7_{+13}(\downarrow m2_{-13})^1} = (1) + \uparrow M7_{+13}(\downarrow m2_{-13})$

$3897 = 3^2 \cdot 433^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M6_{+10}(\downarrow m3_{-10})^1} = (1) + \uparrow M7_{+14}(\downarrow m2_{-14})$

$3898 = 2^1 \cdot 1949^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M7_{+14}(\downarrow m2_{-14})^1} = (1) + \uparrow M7_{+14}(\downarrow m2_{-14})$

$3899 = 7^1 \cdot 557^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m2_{+46}(\downarrow M7_{-46})^1} = (1) + \uparrow M7_{+15}(\downarrow m2_{-15})$

$3900 = 2^2 \cdot 3^1 \cdot 5^2 \cdot 13^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow m6_{+41}(\downarrow M3_{-41})^1} = (1) + \uparrow M7_{+15}(\downarrow m2_{-15})$

$3901 = 47^1 \cdot 83^1 = \mathbf{(1) + \uparrow P5_{-34}(\downarrow P4_{+34})^1 + \uparrow P4_{-50}(\downarrow P5_{+50})^1} = (1) + \uparrow M7_{+16}(\downarrow m2_{-16})$

$3902 = 2^1 \cdot 1951^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M7_{+16}(\downarrow m2_{-16})^1} = (1) + \uparrow M7_{+16}(\downarrow m2_{-16})$

$3903 = 3^{1}\bullet 1301^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{+14}(\downarrow m6_{-14})^{1}} = (1) + \uparrow M7_{+16}(\downarrow m2_{-16})$

$3904 = 2^{6}\bullet 61^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{6} + \uparrow M7_{+17}(\downarrow m2_{-17})^{1}} = (1) + \uparrow M7_{+17}(\downarrow m2_{-17})$

$3905 = 5^{1}\bullet 11^{1}\bullet 71^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow M2_{-20}(\downarrow m7_{+20})^{1}} = (1) + \uparrow M7_{+17}(\downarrow m2_{-17})$

$3906 = 2^{1}\bullet 3^{2}\bullet 7^{1}\bullet 31^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1}} = (1) + \uparrow M7_{+18}(\downarrow m2_{-18})$

$3907 = 3907^{1} = \mathbf{(1) + \uparrow M7_{+18}(\downarrow m2_{-18})}$

$3908 = 2^{2}\bullet 977^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M7_{+19}(\downarrow m2_{-19})^{1}} = (1) + \uparrow M7_{+19}(\downarrow m2_{-19})$

$3909 = 3^{1}\bullet 1303^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{+17}(\downarrow m6_{-17})^{1}} = (1) + \uparrow M7_{+19}(\downarrow m2_{-19})$

$3910 = 2^{1}\bullet 5^{1}\bullet 17^{1}\bullet 23^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1}} = (1) + \uparrow M7_{+20}(\downarrow m2_{-20})$

$3911 = 3911^{1} = \mathbf{(1) + \uparrow M7_{+20}(\downarrow m2_{-20})}$

$3912 = 2^{3}\bullet 3^{1}\bullet 163^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{+18}(\downarrow m6_{-18})^{1}} = (1) + \uparrow M7_{+20}(\downarrow m2_{-20})$

$3913 = 7^{1}\bullet 13^{1}\bullet 43^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow P4_{+12}(\downarrow P5_{-12})^{1}} = (1) + \uparrow M7_{+21}(\downarrow m2_{-21})$

$3914 = 2^{1}\bullet 19^{1}\bullet 103^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow m6_{+24}(\downarrow M3_{-24})^{1}} = (1) + \uparrow M7_{+21}(\downarrow m2_{-21})$

$3915 = 3^{3}\bullet 5^{1}\bullet 29^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1}} = (1) + \uparrow M7_{+22}(\downarrow m2_{-22})$

$3916 = 2^{2}\bullet 11^{1}\bullet 89^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow tt_{-29}(\downarrow tt_{+29})^{1}} = (1) + \uparrow M7_{+22}(\downarrow m2_{-22})$

$3917 = 3917^{1} = \mathbf{(1) + \uparrow M7_{+23}(\downarrow m2_{-23})}$

$3918 = 2^{1}\bullet 3^{1}\bullet 653^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{+21}(\downarrow m6_{-21})^{1}} = (1) + \uparrow M7_{+23}(\downarrow m2_{-23})$

$3919 = 3919^{1} = \mathbf{(1) + \uparrow M7_{+24}(\downarrow m2_{-24})}$

$3920 = 2^{4}\bullet 5^{1}\bullet 7^{2} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{2}} = (1) + \uparrow M7_{+24}(\downarrow m2_{-24})$

$3921 = 3^{1}\bullet 1307^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{+22}(\downarrow m6_{-22})^{1}} = (1) + \uparrow M7_{+24}(\downarrow m2_{-24})$

$3922 = 2^{1}\bullet 37^{1}\bullet 53^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m3_{-49}(\downarrow M6_{+49})^{1} + \uparrow M6_{-26}(\downarrow m3_{+26})^{1}} = (1) + \uparrow M7_{+25}(\downarrow m2_{-25})$

$3923 = 3923^{1} = \mathbf{(1) + \uparrow M7_{+25}(\downarrow m2_{-25})}$

$3924 = 2^{2}\bullet 3^{2}\bullet 109^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M6_{+22}(\downarrow m3_{-22})^{1}} = (1) + \uparrow M7_{+26}(\downarrow m2_{-26})$

$3925 = 5^{2}\bullet 157^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow M3_{-46}(\downarrow m6_{+46})^{1}} = (1) + \uparrow M7_{+26}(\downarrow m2_{-26})$

$3926 = 2^{1}\bullet 13^{1}\bullet 151^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m3_{-14}(\downarrow M6_{+14})^{1}} = (1) + \uparrow M7_{+27}(\downarrow m2_{-27})$

$3927 = 3^{1}\bullet 7^{1}\bullet 11^{1}\bullet 17^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1}} = (1) + \uparrow M7_{+27}(\downarrow m2_{-27})$

$3928 = 2^{3}\bullet 491^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow M7_{+27}(\downarrow m2_{-27})^{1}} = (1) + \uparrow M7_{+27}(\downarrow m2_{-27})$

$3929 = 3929^{1} = \mathbf{(1) + \uparrow M7_{+28}(\downarrow m2_{-28})}$

$3930 = 2^{1}\bullet 3^{1}\bullet 5^{1}\bullet 131^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow uni_{+40}(\downarrow 8ve_{-40})^{1}} = (1) + \uparrow M7_{+28}(\downarrow m2_{-28})$

$3931 = 3931^{1} = \mathbf{(1) + \uparrow M7_{+29}(\downarrow m2_{-29})}$

$3932 = 2^{2}\bullet 983^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M7_{+29}(\downarrow m2_{-29})^{1}} = (1) + \uparrow M7_{+29}(\downarrow m2_{-29})$

$3933 = 3^{2}\bullet 19^{1}\bullet 23^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1}} = (1) + \uparrow M7_{+30}(\downarrow m2_{-30})$

$3934 = 2^{1}\bullet 7^{1}\bullet 281^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M2_{-39}(\downarrow m7_{+39})^{1}} = (1) + \uparrow M7_{+30}(\downarrow m2_{-30})$

$3935 = 5^{1}\bullet 787^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow P5_{+44}(\downarrow P4_{-44})^{1}} = (1) + \uparrow M7_{+31}(\downarrow m2_{-31})$

$3936 = 2^{5}\bullet 3^{1}\bullet 41^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{5} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{+29}(\downarrow m6_{-29})^{1}} = (1) + \uparrow M7_{+31}(\downarrow m2_{-31})$

$3937 = 31^{1}\bullet 127^{1} = \mathbf{(1) + \uparrow M7_{+45}(\downarrow m2_{-45})^{1} + \uparrow 8ve_{-14}(\downarrow uni_{+14})^{1}} = (1) + \uparrow M7_{+31}(\downarrow m2_{-31})$

$3938 = 2^{1}\bullet 11^{1}\bullet 179^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow tt_{-19}(\downarrow tt_{+19})^{1}} = (1) + \uparrow M7_{+32}(\downarrow m2_{-32})$

$3939 = 3^{1}\bullet 13^{1}\bullet 101^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m6_{-10}(\downarrow M3_{+10})^{1}} = (1) + \uparrow M7_{+32}(\downarrow m2_{-32})$

$3940 = 2^{2}\bullet 5^{1}\bullet 197^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow P5_{+46}(\downarrow P4_{-46})^{1}} = (1) + \uparrow M7_{+33}(\downarrow m2_{-33})$

$3941 = 7^{1}\bullet 563^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M2_{-36}(\downarrow m7_{+36})^{1}} = (1) + \uparrow M7_{+33}(\downarrow m2_{-33})$

$3942 = 2^{1}\bullet 3^{3}\bullet 73^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow M2_{+28}(\downarrow m7_{-28})^{1}} = (1) + \uparrow M7_{+34}(\downarrow m2_{-34})$

$3943 = 3943^{1} = \mathbf{(1) + \uparrow M7_{+34}(\downarrow m2_{-34})}$

$3944 = 2^{3}\bullet 17^{1}\bullet 29^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1}} = (1) + \uparrow M7_{+35}(\downarrow m2_{-35})$

$3945 = 3^1 \bullet 5^1 \bullet 263^1 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow uni_{+47}(\downarrow 8ve_{-47})^1 = (1) + \uparrow M7_{+35}(\downarrow m2_{-35})$

$3946 = 2^1 \bullet 1973^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow M7_{+35}(\downarrow m2_{-35})^1 = (1) + \uparrow M7_{+35}(\downarrow m2_{-35})$

$3947 = 3947^1 = (1) + \uparrow M7_{+36}(\downarrow m2_{-36})$

$3948 = 2^2 \bullet 3^1 \bullet 7^1 \bullet 47^1 = (1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow P5_{-34}(\downarrow P4_{+34})^1 = (1) + \uparrow M7_{+36}(\downarrow m2_{-36})$

$3949 = 11^1 \bullet 359^1 = (1) + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow tt_{-15}(\downarrow tt_{+15})^1 = (1) + \uparrow M7_{+37}(\downarrow m2_{-37})$

$3950 = 2^1 \bullet 5^2 \bullet 79^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow M3_{-35}(\downarrow m6_{+35})^1 = (1) + \uparrow M7_{+37}(\downarrow m2_{-37})$

$3951 = 3^2 \bullet 439^1 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M6_{+34}(\downarrow m3_{-34})^1 = (1) + \uparrow M7_{+38}(\downarrow m2_{-38})$

$3952 = 2^4 \bullet 13^1 \bullet 19^1 = (1) + \updownarrow 8ve(uni)^4 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 = (1) + \uparrow M7_{+38}(\downarrow m2_{-38})$

$3953 = 59^1 \bullet 67^1 = (1) + \uparrow M7_{-41}(\downarrow m2_{+41})^1 + \uparrow m2_{-21}(\downarrow M7_{+21})^1 = (1) + \uparrow M7_{+38}(\downarrow m2_{-38})$

$3954 = 2^1 \bullet 3^1 \bullet 659^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{+37}(\downarrow m6_{-37})^1 = (1) + \uparrow M7_{+39}(\downarrow m2_{-39})$

$3955 = 5^1 \bullet 7^1 \bullet 113^1 = (1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m7_{-16}(\downarrow M2_{+16})^1 = (1) + \uparrow M7_{+39}(\downarrow m2_{-39})$

$3956 = 2^2 \bullet 23^1 \bullet 43^1 = (1) + \updownarrow 8ve(uni)^2 + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow P4_{+12}(\downarrow P5_{-12})^1 = (1) + \uparrow M7_{+40}(\downarrow m2_{-40})$

$3957 = 3^1 \bullet 1319^1 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{+38}(\downarrow m6_{-38})^1 = (1) + \uparrow M7_{+40}(\downarrow m2_{-40})$

$3958 = 2^1 \bullet 1979^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow M7_{+41}(\downarrow m2_{-41})^1 = (1) + \uparrow M7_{+41}(\downarrow m2_{-41})$

$3959 = 37^1 \bullet 107^1 = (1) + \uparrow m3_{-49}(\downarrow M6_{+49})^1 + \uparrow M6_{-10}(\downarrow m3_{+10})^1 = (1) + \uparrow M7_{+41}(\downarrow m2_{-41})$

$3960 = 2^3 \bullet 3^2 \bullet 5^1 \bullet 11^1 = (1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 = (1) + \uparrow M7_{+42}(\downarrow m2_{-42})$

$3961 = 17^1 \bullet 233^1 = (1) + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow m7_{+37}(\downarrow M2_{-37})^1 = (1) + \uparrow M7_{+42}(\downarrow m2_{-42})$

$3962 = 2^1 \bullet 7^1 \bullet 283^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M2_{-26}(\downarrow m7_{+26})^1 = (1) + \uparrow M7_{+42}(\downarrow m2_{-42})$

$3963 = 3^1 \bullet 1321^1 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{+41}(\downarrow m6_{-41})^1 = (1) + \uparrow M7_{+43}(\downarrow m2_{-43})$

$3964 = 2^2 \bullet 991^1 = (1) + \updownarrow 8ve(uni)^2 + \uparrow M7_{+43}(\downarrow m2_{-43})^1 = (1) + \uparrow M7_{+43}(\downarrow m2_{-43})$

$3965 = 5^1 \bullet 13^1 \bullet 61^1 = (1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow M7_{+17}(\downarrow m2_{-17})^1 = (1) + \uparrow M7_{+44}(\downarrow m2_{-44})$

$3966 = 2^1 \bullet 3^1 \bullet 661^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{+42}(\downarrow m6_{-42})^1 = (1) + \uparrow M7_{+44}(\downarrow m2_{-44})$

$3967 = 3967^1 = (1) + \uparrow M7_{+45}(\downarrow m2_{-45})$

$3968 = 2^7 \bullet 31^1 = (1) + \updownarrow 8ve(uni)^7 + \uparrow M7_{+45}(\downarrow m2_{-45})^1 = (1) + \uparrow M7_{+45}(\downarrow m2_{-45})$

$3969 = 3^4 \bullet 7^2 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^4 + \uparrow m7_{-31}(\downarrow M2_{+31})^2 = (1) + \uparrow M7_{+45}(\downarrow m2_{-45})$

$3970 = 2^1 \bullet 5^1 \bullet 397^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m6_{-40}(\downarrow M3_{+40})^1 = (1) + \uparrow M7_{+46}(\downarrow m2_{-46})$

$3971 = 11^1 \bullet 19^2 = (1) + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^2 = (1) + \uparrow M7_{+46}(\downarrow m2_{-46})$

$3972 = 2^2 \bullet 3^1 \bullet 331^1 = (1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{+45}(\downarrow m6_{-45})^1 = (1) + \uparrow M7_{+47}(\downarrow m2_{-47})$

$3973 = 29^1 \bullet 137^1 = (1) + \uparrow m7_{+30}(\downarrow M2_{-30})^1 + \uparrow m2_{+18}(\downarrow M7_{-18})^1 = (1) + \uparrow M7_{+47}(\downarrow m2_{-47})$

$3974 = 2^1 \bullet 1987^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow M7_{+48}(\downarrow m2_{-48})^1 = (1) + \uparrow M7_{+48}(\downarrow m2_{-48})$

$3975 = 3^1 \bullet 5^2 \bullet 53^1 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow M6_{-26}(\downarrow m3_{+26})^1 = (1) + \uparrow M7_{+48}(\downarrow m2_{-48})$

$3976 = 2^3 \bullet 7^1 \bullet 71^1 = (1) + \updownarrow 8ve(uni)^3 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M2_{-20}(\downarrow m7_{+20})^1 = (1) + \uparrow M7_{+49}(\downarrow m2_{-49})$

$3977 = 41^1 \bullet 97^1 = (1) + \uparrow M3_{+29}(\downarrow m6_{-29})^1 + \uparrow P5_{+20}(\downarrow P4_{-20})^1 = (1) + \uparrow M7_{+49}(\downarrow m2_{-49})$

$3978 = 2^1 \bullet 3^2 \bullet 13^1 \bullet 17^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 = (1) + \uparrow M7_{+49}(\downarrow m2_{-49})$

$3979 = 23^1 \bullet 173^1 = (1) + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow P4_{+22}(\downarrow P5_{-22})^1 = (1) + \uparrow M7_{+50}(\downarrow m2_{-50})$

$3980 = 2^2 \bullet 5^1 \bullet 199^1 = (1) + \updownarrow 8ve(uni)^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m6_{-36}(\downarrow M3_{+36})^1 = (1) + \uparrow 8ve_{-50}(\downarrow uni_{+50})$

$3981 = 3^1 \bullet 1327^1 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{+49}(\downarrow m6_{-49})^1 = (1) + \uparrow 8ve_{-49}(\downarrow uni_{+49})$

$3982 = 2^1 \bullet 11^1 \bullet 181^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow tt_{+0}(\downarrow tt_{-0})^1 = (1) + \uparrow 8ve_{-49}(\downarrow uni_{+49})$

$3983 = 7^1 \bullet 569^1 = (1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M2_{-17}(\downarrow m7_{+17})^1 = (1) + \uparrow 8ve_{-48}(\downarrow uni_{+48})$

$3984 = 2^4 \bullet 3^1 \bullet 83^1 = (1) + \updownarrow 8ve(uni)^4 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow P4_{-50}(\downarrow P5_{+50})^1 = (1) + \uparrow 8ve_{-48}(\downarrow uni_{+48})$

$3985 = 5^1 \bullet 797^1 = (1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m6_{-34}(\downarrow M3_{+34})^1 = (1) + \uparrow 8ve_{-48}(\downarrow uni_{+48})$

$3986 = 2^1 \bullet 1993^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow 8ve_{-47}(\downarrow uni_{+47})^1 = (1) + \uparrow 8ve_{-47}(\downarrow uni_{+47})$

$3987 = 3^2 \bullet 443^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M6_{+49}(\downarrow m3_{-49})^1} = (1) + \uparrow 8ve_{-47}(\downarrow uni_{+47})$

$3988 = 2^2 \bullet 997^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow 8ve_{-46}(\downarrow uni_{+46})^1} = (1) + \uparrow 8ve_{-46}(\downarrow uni_{+46})$

$3989 = 3989^1 = \mathbf{(1) + \uparrow 8ve_{-46}(\downarrow uni_{+46})}$

$3990 = 2^1 \bullet 3^1 \bullet 5^1 \bullet 7^1 \bullet 19^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1} =$
$(1) + \uparrow 8ve_{-45}(\downarrow uni_{+45})$

$3991 = 13^1 \bullet 307^1 = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow m3_{+15}(\downarrow M6_{-15})^1} = (1) + \uparrow 8ve_{-45}(\downarrow uni_{+45})$

$3992 = 2^3 \bullet 499^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow 8ve_{-45}(\downarrow uni_{+45})^1} = (1) + \uparrow 8ve_{-45}(\downarrow uni_{+45})$

$3993 = 3^1 \bullet 11^3 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^3} = (1) + \uparrow 8ve_{-44}(\downarrow uni_{+44})$

$3994 = 2^1 \bullet 1997^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow 8ve_{-44}(\downarrow uni_{+44})^1} = (1) + \uparrow 8ve_{-44}(\downarrow uni_{+44})$

$3995 = 5^1 \bullet 17^1 \bullet 47^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow P5_{-34}(\downarrow P4_{+34})^1} = (1) + \uparrow 8ve_{-43}(\downarrow uni_{+43})$

$3996 = 2^2 \bullet 3^3 \bullet 37^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow m3_{-49}(\downarrow M6_{+49})^1} = (1) + \uparrow 8ve_{-43}(\downarrow uni_{+43})$

$3997 = 7^1 \bullet 571^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M2_{-11}(\downarrow m7_{+11})^1} = (1) + \uparrow 8ve_{-42}(\downarrow uni_{+42})$

$3998 = 2^1 \bullet 1999^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow 8ve_{-42}(\downarrow uni_{+42})^1} = (1) + \uparrow 8ve_{-42}(\downarrow uni_{+42})$

$3999 = 3^1 \bullet 31^1 \bullet 43^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M7_{+45}(\downarrow m2_{-45})^1 + \uparrow P4_{+12}(\downarrow P5_{-12})^1} = (1) + \uparrow 8ve_{-41}(\downarrow uni_{+41})$

$4000 = 2^5 \bullet 5^3 = \mathbf{(1) + \updownarrow 8ve(uni)^5 + \uparrow M3_{-14}(\downarrow m6_{+14})^3} = (1) + \uparrow 8ve_{-41}(\downarrow uni_{+41})$

$4000 = 2^5 \bullet 5^3 = \mathbf{(1) + \updownarrow 8ve(uni)^5 + \uparrow M3_{-14}(\downarrow m6_{+14})^3} = (1) + \uparrow 8ve_{-41}(\downarrow uni_{+41})$

$4001 = 4001^1 = \mathbf{(1) + \uparrow 8ve_{-41}(\downarrow uni_{+41})}$

$4002 = 2^1 \bullet 3^1 \bullet 23^1 \bullet 29^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1} = (1) + \uparrow 8ve_{-40}(\downarrow uni_{+40})$

$4003 = 4003^1 = \mathbf{(1) + \uparrow 8ve_{-40}(\downarrow uni_{+40})}$

$4004 = 2^2 \bullet 7^1 \bullet 11^1 \bullet 13^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1} = (1) + \uparrow 8ve_{-39}(\downarrow uni_{+39})$

$4005 = 3^2 \bullet 5^1 \bullet 89^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{-29}(\downarrow tt_{+29})^1} = (1) + \uparrow 8ve_{-39}(\downarrow uni_{+39})$

$4006 = 2^1 \bullet 2003^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow 8ve_{-38}(\downarrow uni_{+38})^1} = (1) + \uparrow 8ve_{-38}(\downarrow uni_{+38})$

$4007 = 4007^1 = \mathbf{(1) + \uparrow 8ve_{-38}(\downarrow uni_{+38})}$

$4008 = 2^3 \bullet 3^1 \bullet 167^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow P4_{-40}(\downarrow P5_{+40})^1} = (1) + \uparrow 8ve_{-38}(\downarrow uni_{+38})$

$4009 = 19^1 \bullet 211^1 = \mathbf{(1) + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow M6_{-35}(\downarrow m3_{+35})^1} = (1) + \uparrow 8ve_{-37}(\downarrow uni_{+37})$

$4010 = 2^1 \bullet 5^1 \bullet 401^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m6_{-23}(\downarrow M3_{+23})^1} = (1) + \uparrow 8ve_{-37}(\downarrow uni_{+37})$

$4011 = 3^1 \bullet 7^1 \bullet 191^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow P5_{-7}(\downarrow P4_{+7})^1} = (1) + \uparrow 8ve_{-36}(\downarrow uni_{+36})$

$4012 = 2^2 \bullet 17^1 \bullet 59^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow M7_{-41}(\downarrow m2_{+41})^1} = (1) + \uparrow 8ve_{-36}(\downarrow uni_{+36})$

$4013 = 4013^1 = \mathbf{(1) + \uparrow 8ve_{-35}(\downarrow uni_{+35})}$

$4014 = 2^1 \bullet 3^2 \bullet 223^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m7_{-39}(\downarrow M2_{+39})^1} = (1) + \uparrow 8ve_{-35}(\downarrow uni_{+35})$

$4015 = 5^1 \bullet 11^1 \bullet 73^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow M2_{+28}(\downarrow m7_{-28})^1} = (1) + \uparrow 8ve_{-35}(\downarrow uni_{+35})$

$4016 = 2^4 \bullet 251^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow 8ve_{-34}(\downarrow uni_{+34})^1} = (1) + \uparrow 8ve_{-34}(\downarrow uni_{+34})$

$4017 = 3^1 \bullet 13^1 \bullet 103^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow m6_{+24}(\downarrow M3_{-24})^1} = (1) + \uparrow 8ve_{-34}(\downarrow uni_{+34})$

$4018 = 2^1 \bullet 7^2 \bullet 41^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^2 + \uparrow M3_{+29}(\downarrow m6_{-29})^1} = (1) + \uparrow 8ve_{-33}(\downarrow uni_{+33})$

$4019 = 4019^1 = \mathbf{(1) + \uparrow 8ve_{-33}(\downarrow uni_{+33})}$

$4020 = 2^2 \bullet 3^1 \bullet 5^1 \bullet 67^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m2_{-21}(\downarrow M7_{+21})^1} = (1) + \uparrow 8ve_{-32}(\downarrow uni_{+32})$

$4021 = 4021^1 = \mathbf{(1) + \uparrow 8ve_{-32}(\downarrow uni_{+32})}$

$4022 = 2^1 \bullet 2011^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow 8ve_{-32}(\downarrow uni_{+32})^1} = (1) + \uparrow 8ve_{-32}(\downarrow uni_{+32})$

$4023 = 3^3 \bullet 149^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow m3_{-37}(\downarrow M6_{+37})^1} = (1) + \uparrow 8ve_{-31}(\downarrow uni_{+31})$

$4024 = 2^3 \bullet 503^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow 8ve_{-31}(\downarrow uni_{+31})^1} = (1) + \uparrow 8ve_{-31}(\downarrow uni_{+31})$

$4025 = 5^2 \bullet 7^1 \bullet 23^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1} = (1) + \uparrow 8ve_{-30}(\downarrow uni_{+30})$

$4026 = 2^1 \bullet 3^1 \bullet 11^1 \bullet 61^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow M7_{+17}(\downarrow m2_{-17})^1} = (1) + \uparrow 8ve_{-30}(\downarrow uni_{+30})$

$4027 = 4027^1 = \mathbf{(1) + \uparrow 8ve_{-29}(\downarrow uni_{+29})}$

$4028 = 2^{2}\bullet 19^{1}\bullet 53^{1} = (1) + \updownarrow 8ve(uni)^{2} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow M6_{-26}(\downarrow m3_{+26})^{1} = (1) + \uparrow 8ve_{-29}(\downarrow uni_{+29})$

$4029 = 3^{1}\bullet 17^{1}\bullet 79^{1} = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow M3_{-35}(\downarrow m6_{+35})^{1} = (1) + \uparrow 8ve_{-29}(\downarrow uni_{+29})$

$4030 = 2^{1}\bullet 5^{1}\bullet 13^{1}\bullet 31^{1} = (1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1} = (1) + \uparrow 8ve_{-28}(\downarrow uni_{+28})$

$4031 = 29^{1}\bullet 139^{1} = (1) + \uparrow m7_{+30}(\downarrow M2_{-30})^{1} + \uparrow m2_{+43}(\downarrow M7_{-43})^{1} = (1) + \uparrow 8ve_{-28}(\downarrow uni_{+28})$

$4032 = 2^{6}\bullet 3^{2}\bullet 7^{1} = (1) + \updownarrow 8ve(uni)^{6} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} = (1) + \uparrow 8ve_{-27}(\downarrow uni_{+27})$

$4033 = 37^{1}\bullet 109^{1} = (1) + \uparrow m3_{-49}(\downarrow M6_{+49})^{1} + \uparrow M6_{+22}(\downarrow m3_{-22})^{1} = (1) + \uparrow 8ve_{-27}(\downarrow uni_{+27})$

$4034 = 2^{1}\bullet 2017^{1} = (1) + \updownarrow 8ve(uni)^{1} + \uparrow 8ve_{-26}(\downarrow uni_{+26})^{1} = (1) + \uparrow 8ve_{-26}(\downarrow uni_{+26})$

$4035 = 3^{1}\bullet 5^{1}\bullet 269^{1} = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m2_{-14}(\downarrow M7_{+14})^{1} = (1) + \uparrow 8ve_{-26}(\downarrow uni_{+26})$

$4036 = 2^{2}\bullet 1009^{1} = (1) + \updownarrow 8ve(uni)^{2} + \uparrow 8ve_{-26}(\downarrow uni_{+26})^{1} = (1) + \uparrow 8ve_{-26}(\downarrow uni_{+26})$

$4037 = 11^{1}\bullet 367^{1} = (1) + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow tt_{+24}(\downarrow tt_{-24})^{1} = (1) + \uparrow 8ve_{-25}(\downarrow uni_{+25})$

$4038 = 2^{1}\bullet 3^{1}\bullet 673^{1} = (1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow P4_{-27}(\downarrow P5_{+27})^{1} = (1) + \uparrow 8ve_{-25}(\downarrow uni_{+25})$

$4039 = 7^{1}\bullet 577^{1} = (1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M2_{+7}(\downarrow m7_{-7})^{1} = (1) + \uparrow 8ve_{-24}(\downarrow uni_{+24})$

$4040 = 2^{3}\bullet 5^{1}\bullet 101^{1} = (1) + \updownarrow 8ve(uni)^{3} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m6_{-10}(\downarrow M3_{+10})^{1} = (1) + \uparrow 8ve_{-24}(\downarrow uni_{+24})$

$4041 = 3^{2}\bullet 449^{1} = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m7_{-27}(\downarrow M2_{+27})^{1} = (1) + \uparrow 8ve_{-23}(\downarrow uni_{+23})$

$4042 = 2^{1}\bullet 43^{1}\bullet 47^{1} = (1) + \updownarrow 8ve(uni)^{1} + \uparrow P4_{+12}(\downarrow P5_{-12})^{1} + \uparrow P5_{-34}(\downarrow P4_{+34})^{1} = (1) + \uparrow 8ve_{-23}(\downarrow uni_{+23})$

$4043 = 13^{1}\bullet 311^{1} = (1) + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m3_{+37}(\downarrow M6_{-37})^{1} = (1) + \uparrow 8ve_{-23}(\downarrow uni_{+23})$

$4044 = 2^{2}\bullet 3^{1}\bullet 337^{1} = (1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow P4_{-24}(\downarrow P5_{+24})^{1} = (1) + \uparrow 8ve_{-22}(\downarrow uni_{+22})$

$4045 = 5^{1}\bullet 809^{1} = (1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m6_{-8}(\downarrow M3_{+8})^{1} = (1) + \uparrow 8ve_{-22}(\downarrow uni_{+22})$

$4046 = 2^{1}\bullet 7^{1}\bullet 17^{2} = (1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{2} = (1) + \uparrow 8ve_{-21}(\downarrow uni_{+21})$

$4047 = 3^{1}\bullet 19^{1}\bullet 71^{1} = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow M2_{-20}(\downarrow m7_{+20})^{1} = (1) + \uparrow 8ve_{-21}(\downarrow uni_{+21})$

$4048 = 2^{4}\bullet 11^{1}\bullet 23^{1} = (1) + \updownarrow 8ve(uni)^{4} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} = (1) + \uparrow 8ve_{-20}(\downarrow uni_{+20})$

$4049 = 4049^{1} = (1) + \uparrow 8ve_{-20}(\downarrow uni_{+20})$

$4050 = 2^{1}\bullet 3^{4}\bullet 5^{2} = (1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{4} + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} = (1) + \uparrow 8ve_{-20}(\downarrow uni_{+20})$

$4051 = 4051^{1} = (1) + \uparrow 8ve_{-19}(\downarrow uni_{+19})$

$4052 = 2^{2}\bullet 1013^{1} = (1) + \updownarrow 8ve(uni)^{2} + \uparrow 8ve_{-19}(\downarrow uni_{+19})^{1} = (1) + \uparrow 8ve_{-19}(\downarrow uni_{+19})$

$4053 = 3^{1}\bullet 7^{1}\bullet 193^{1} = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow P5_{+11}(\downarrow P4_{-11})^{1} = (1) + \uparrow 8ve_{-18}(\downarrow uni_{+18})$

$4054 = 2^{1}\bullet 2027^{1} = (1) + \updownarrow 8ve(uni)^{1} + \uparrow 8ve_{-18}(\downarrow uni_{+18})^{1} = (1) + \uparrow 8ve_{-18}(\downarrow uni_{+18})$

$4055 = 5^{1}\bullet 811^{1} = (1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m6_{-4}(\downarrow M3_{+4})^{1} = (1) + \uparrow 8ve_{-17}(\downarrow uni_{+17})$

$4056 = 2^{3}\bullet 3^{1}\bullet 13^{2} = (1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{2} = (1) + \uparrow 8ve_{-17}(\downarrow uni_{+17})$

$4057 = 4057^{1} = (1) + \uparrow 8ve_{-17}(\downarrow uni_{+17})$

$4058 = 2^{1}\bullet 2029^{1} = (1) + \updownarrow 8ve(uni)^{1} + \uparrow 8ve_{-16}(\downarrow uni_{+16})^{1} = (1) + \uparrow 8ve_{-16}(\downarrow uni_{+16})$

$4059 = 3^{2}\bullet 11^{1}\bullet 41^{1} = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow M3_{+29}(\downarrow m6_{-29})^{1} = (1) + \uparrow 8ve_{-16}(\downarrow uni_{+16})$

$4060 = 2^{2}\bullet 5^{1}\bullet 7^{1}\bullet 29^{1} = (1) + \updownarrow 8ve(uni)^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1} = (1) + \uparrow 8ve_{-15}(\downarrow uni_{+15})$

$4061 = 31^{1}\bullet 131^{1} = (1) + \uparrow M7_{+45}(\downarrow m2_{-45})^{1} + \uparrow uni_{+40}(\downarrow 8ve_{-40})^{1} = (1) + \uparrow 8ve_{-15}(\downarrow uni_{+15})$

$4062 = 2^{1}\bullet 3^{1}\bullet 677^{1} = (1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow P4_{-16}(\downarrow P5_{+16})^{1} = (1) + \uparrow 8ve_{-14}(\downarrow uni_{+14})$

$4063 = 17^{1}\bullet 239^{1} = (1) + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow M7_{-19}(\downarrow m2_{+19})^{1} = (1) + \uparrow 8ve_{-14}(\downarrow uni_{+14})$

$4064 = 2^{5}\bullet 127^{1} = (1) + \updownarrow 8ve(uni)^{5} + \uparrow 8ve_{-14}(\downarrow uni_{+14})^{1} = (1) + \uparrow 8ve_{-14}(\downarrow uni_{+14})$

$4065 = 3^{1}\bullet 5^{1}\bullet 271^{1} = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m2_{-1}(\downarrow M7_{+1})^{1} = (1) + \uparrow 8ve_{-13}(\downarrow uni_{+13})$

$4066 = 2^{1}\bullet 19^{1}\bullet 107^{1} = (1) + \updownarrow 8ve(uni)^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow M6_{-10}(\downarrow m3_{+10})^{1} = (1) + \uparrow 8ve_{-13}(\downarrow uni_{+13})$

$4067 = 7^{2}\bullet 83^{1} = (1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{2} + \uparrow P4_{-50}(\downarrow P5_{+50})^{1} = (1) + \uparrow 8ve_{-12}(\downarrow uni_{+12})$

$4068 = 2^{2}\bullet 3^{2}\bullet 113^{1} = (1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m7_{-16}(\downarrow M2_{+16})^{1} = (1) + \uparrow 8ve_{-12}(\downarrow uni_{+12})$

$4069 = 13^{1}\bullet 313^{1} = (1) + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m3_{+48}(\downarrow M6_{-48})^{1} = (1) + \uparrow 8ve_{-11}(\downarrow uni_{+11})$

$4070 = 2^1 \bullet 5^1 \bullet 11^1 \bullet 37^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m3_{-49}(\downarrow M6_{+49})^1 = (1) + \uparrow 8ve_{-11}(\downarrow uni_{+11})$

$4071 = 3^1 \bullet 23^1 \bullet 59^1 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow M7_{-41}(\downarrow m2_{+41})^1 = (1) + \uparrow 8ve_{-11}(\downarrow uni_{+11})$

$4072 = 2^3 \bullet 509^1 = (1) + \updownarrow 8ve(uni)^3 + \uparrow 8ve_{-10}(\downarrow uni_{+10})^1 = (1) + \uparrow 8ve_{-10}(\downarrow uni_{+10})$

$4073 = 4073^1 = (1) + \uparrow 8ve_{-10}(\downarrow uni_{+10})$

$4074 = 2^1 \bullet 3^1 \bullet 7^1 \bullet 97^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow P5_{+20}(\downarrow P4_{-20})^1 = (1) + \uparrow 8ve_{-9}(\downarrow uni_{+9})$

$4075 = 5^2 \bullet 163^1 = (1) + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow M3_{+18}(\downarrow m6_{-18})^1 = (1) + \uparrow 8ve_{-9}(\downarrow uni_{+9})$

$4076 = 2^2 \bullet 1019^1 = (1) + \updownarrow 8ve(uni)^2 + \uparrow 8ve_{-8}(\downarrow uni_{+8})^1 = (1) + \uparrow 8ve_{-8}(\downarrow uni_{+8})$

$4077 = 3^3 \bullet 151^1 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow m3_{-14}(\downarrow M6_{+14})^1 = (1) + \uparrow 8ve_{-8}(\downarrow uni_{+8})$

$4078 = 2^1 \bullet 2039^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow 8ve_{-8}(\downarrow uni_{+8})^1 = (1) + \uparrow 8ve_{-8}(\downarrow uni_{+8})$

$4079 = 4079^1 = (1) + \uparrow 8ve_{-7}(\downarrow uni_{+7})$

$4080 = 2^4 \bullet 3^1 \bullet 5^1 \bullet 17^1 = (1) + \updownarrow 8ve(uni)^4 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 = (1) + \uparrow 8ve_{-7}(\downarrow uni_{+7})$

$4081 = 7^1 \bullet 11^1 \bullet 53^1 = (1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow M6_{-26}(\downarrow m3_{+26})^1 = (1) + \uparrow 8ve_{-6}(\downarrow uni_{+6})$

$4082 = 2^1 \bullet 13^1 \bullet 157^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow M3_{-46}(\downarrow m6_{+46})^1 = (1) + \uparrow 8ve_{-6}(\downarrow uni_{+6})$

$4083 = 3^1 \bullet 1361^1 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow P4_{-7}(\downarrow P5_{+7})^1 = (1) + \uparrow 8ve_{-6}(\downarrow uni_{+6})$

$4084 = 2^2 \bullet 1021^1 = (1) + \updownarrow 8ve(uni)^2 + \uparrow 8ve_{-5}(\downarrow uni_{+5})^1 = (1) + \uparrow 8ve_{-5}(\downarrow uni_{+5})$

$4085 = 5^1 \bullet 19^1 \bullet 43^1 = (1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow P4_{+12}(\downarrow P5_{-12})^1 = (1) + \uparrow 8ve_{-5}(\downarrow uni_{+5})$

$4086 = 2^1 \bullet 3^2 \bullet 227^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m7_{-8}(\downarrow M2_{+8})^1 = (1) + \uparrow 8ve_{-4}(\downarrow uni_{+4})$

$4087 = 61^1 \bullet 67^1 = (1) + \uparrow M7_{+17}(\downarrow m2_{-17})^1 + \uparrow m2_{-21}(\downarrow M7_{+21})^1 = (1) + \uparrow 8ve_{-4}(\downarrow uni_{+4})$

$4088 = 2^3 \bullet 7^1 \bullet 73^1 = (1) + \updownarrow 8ve(uni)^3 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M2_{+28}(\downarrow m7_{-28})^1 = (1) + \uparrow 8ve_{-3}(\downarrow uni_{+3})$

$4089 = 3^1 \bullet 29^1 \bullet 47^1 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1 + \uparrow P5_{-34}(\downarrow P4_{+34})^1 = (1) + \uparrow 8ve_{-3}(\downarrow uni_{+3})$

$4090 = 2^1 \bullet 5^1 \bullet 409^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m6_{+11}(\downarrow M3_{-11})^1 = (1) + \uparrow 8ve_{-3}(\downarrow uni_{+3})$

$4091 = 4091^1 = (1) + \uparrow 8ve_{-2}(\downarrow uni_{+2})$

$4092 = 2^2 \bullet 3^1 \bullet 11^1 \bullet 31^1 = (1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow M7_{+45}(\downarrow m2_{-45})^1 = (1) + \uparrow 8ve_{-2}(\downarrow uni_{+2})$

$4093 = 4093^1 = (1) + \uparrow 8ve_{-1}(\downarrow uni_{+1})$

$4094 = 2^1 \bullet 23^1 \bullet 89^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow tt_{-29}(\downarrow tt_{+29})^1 = (1) + \uparrow 8ve_{-1}(\downarrow uni_{+1})$

$4095 = 3^2 \bullet 5^1 \bullet 7^1 \bullet 13^1 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 =$
$(1) + \uparrow 8ve_{+0}(\downarrow uni_{-0})$

$4096 = 2^{12} = (1) + \updownarrow 8ve(uni)^{12} = (1) + \updownarrow 8ve(uni)$

$4097 = 17^1 \bullet 241^1 = (1) + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow M7_{-5}(\downarrow m2_{+5})^1 = (1) + \uparrow uni_{+0}(\downarrow 8ve_{-0})$

$4098 = 2^1 \bullet 3^1 \bullet 683^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow P4_{-1}(\downarrow P5_{+1})^1 = (1) + \uparrow uni_{+1}(\downarrow 8ve_{-1})$

$4099 = 4099^1 = (1) + \uparrow uni_{+1}(\downarrow 8ve_{-1})$

$4100 = 2^2 \bullet 5^2 \bullet 41^1 = (1) + \updownarrow 8ve(uni)^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow M3_{+29}(\downarrow m6_{-29})^1 = (1) + \uparrow uni_{+2}(\downarrow 8ve_{-2})$

$4101 = 3^1 \bullet 1367^1 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow P4_{+0}(\downarrow P5_{-0})^1 = (1) + \uparrow uni_{+2}(\downarrow 8ve_{-2})$

$4102 = 2^1 \bullet 7^1 \bullet 293^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M2_{+34}(\downarrow m7_{-34})^1 = (1) + \uparrow uni_{+3}(\downarrow 8ve_{-3})$

$4103 = 11^1 \bullet 373^1 = (1) + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow P5_{-48}(\downarrow P4_{+48})^1 = (1) + \uparrow uni_{+3}(\downarrow 8ve_{-3})$

$4104 = 2^3 \bullet 3^3 \bullet 19^1 = (1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 = (1) + \uparrow uni_{+3}(\downarrow 8ve_{-3})$

$4105 = 5^1 \bullet 821^1 = (1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m6_{+17}(\downarrow M3_{-17})^1 = (1) + \uparrow uni_{+4}(\downarrow 8ve_{-4})$

$4106 = 2^1 \bullet 2053^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow uni_{+4}(\downarrow 8ve_{-4})^1 = (1) + \uparrow uni_{+4}(\downarrow 8ve_{-4})$

$4107 = 3^1 \bullet 37^2 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m3_{-49}(\downarrow M6_{+49})^2 = (1) + \uparrow uni_{+5}(\downarrow 8ve_{-5})$

$4108 = 2^2 \bullet 13^1 \bullet 79^1 = (1) + \updownarrow 8ve(uni)^2 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow M3_{-35}(\downarrow m6_{+35})^1 = (1) + \uparrow uni_{+5}(\downarrow 8ve_{-5})$

$4109 = 7^1 \bullet 587^1 = (1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M2_{+37}(\downarrow m7_{-37})^1 = (1) + \uparrow uni_{+5}(\downarrow 8ve_{-5})$

$4110 = 2^1 \bullet 3^1 \bullet 5^1 \bullet 137^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m2_{+18}(\downarrow M7_{-18})^1 = (1) + \uparrow uni_{+6}(\downarrow 8ve_{-6})$

$4111 = 4111^1 = (1) + \uparrow uni_{+6}(\downarrow 8ve_{-6})$

$4112 = 2^{4}\bullet 257^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow uni_{+7}(\downarrow 8ve_{-7})^{1}} = (1) + \uparrow uni_{+7}(\downarrow 8ve_{-7})$

$4113 = 3^{2}\bullet 457^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m7_{+3}(\downarrow M2_{-3})^{1}} = (1) + \uparrow uni_{+7}(\downarrow 8ve_{-7})$

$4114 = 2^{1}\bullet 11^{2}\bullet 17^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{2} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1}} = (1) + \uparrow uni_{+8}(\downarrow 8ve_{-8})$

$4115 = 5^{1}\bullet 823^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m6_{+22}(\downarrow M3_{-22})^{1}} = (1) + \uparrow uni_{+8}(\downarrow 8ve_{-8})$

$4116 = 2^{2}\bullet 3^{1}\bullet 7^{3} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{3}} = (1) + \uparrow uni_{+8}(\downarrow 8ve_{-8})$

$4117 = 23^{1}\bullet 179^{1} = \mathbf{(1) + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow tt_{-19}(\downarrow tt_{+19})^{1}} = (1) + \uparrow uni_{+9}(\downarrow 8ve_{-9})$

$4118 = 2^{1}\bullet 29^{1}\bullet 71^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1} + \uparrow M2_{-20}(\downarrow m7_{+20})^{1}} = (1) + \uparrow uni_{+9}(\downarrow 8ve_{-9})$

$4119 = 3^{1}\bullet 1373^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow P4_{+8}(\downarrow P5_{-8})^{1}} = (1) + \uparrow uni_{+10}(\downarrow 8ve_{-10})$

$4120 = 2^{3}\bullet 5^{1}\bullet 103^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m6_{+24}(\downarrow M3_{-24})^{1}} = (1) + \uparrow uni_{+10}(\downarrow 8ve_{-10})$

$4121 = 13^{1}\bullet 317^{1} = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow M3_{-30}(\downarrow m6_{+30})^{1}} = (1) + \uparrow uni_{+11}(\downarrow 8ve_{-11})$

$4122 = 2^{1}\bullet 3^{2}\bullet 229^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m7_{+7}(\downarrow M2_{-7})^{1}} = (1) + \uparrow uni_{+11}(\downarrow 8ve_{-11})$

$4123 = 7^{1}\bullet 19^{1}\bullet 31^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1}} = (1) + \uparrow uni_{+11}(\downarrow 8ve_{-11})$

$4124 = 2^{2}\bullet 1031^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow uni_{+12}(\downarrow 8ve_{-12})^{1}} = (1) + \uparrow uni_{+12}(\downarrow 8ve_{-12})$

$4125 = 3^{1}\bullet 5^{3}\bullet 11^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{3} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1}} = (1) + \uparrow uni_{+12}(\downarrow 8ve_{-12})$

$4126 = 2^{1}\bullet 2063^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow uni_{+13}(\downarrow 8ve_{-13})^{1}} = (1) + \uparrow uni_{+13}(\downarrow 8ve_{-13})$

$4127 = 4127^{1} = \mathbf{(1) + \uparrow uni_{+13}(\downarrow 8ve_{-13})}$

$4128 = 2^{5}\bullet 3^{1}\bullet 43^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{5} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow P4_{+12}(\downarrow P5_{-12})^{1}} = (1) + \uparrow uni_{+13}(\downarrow 8ve_{-13})$

$4129 = 4129^{1} = \mathbf{(1) + \uparrow uni_{+14}(\downarrow 8ve_{-14})}$

$4130 = 2^{1}\bullet 5^{1}\bullet 7^{1}\bullet 59^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M7_{-41}(\downarrow m2_{+41})^{1}} = (1) + \uparrow uni_{+14}(\downarrow 8ve_{-14})$

$4131 = 3^{5}\bullet 17^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{5} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1}} = (1) + \uparrow uni_{+15}(\downarrow 8ve_{-15})$

$4132 = 2^{2}\bullet 1033^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow uni_{+15}(\downarrow 8ve_{-15})^{1}} = (1) + \uparrow uni_{+15}(\downarrow 8ve_{-15})$

$4133 = 4133^{1} = \mathbf{(1) + \uparrow uni_{+16}(\downarrow 8ve_{-16})}$

$4134 = 2^{1}\bullet 3^{1}\bullet 13^{1}\bullet 53^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow M6_{-26}(\downarrow m3_{+26})^{1}} = (1) + \uparrow uni_{+16}(\downarrow 8ve_{-16})$

$4135 = 5^{1}\bullet 827^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m6_{+30}(\downarrow M3_{-30})^{1}} = (1) + \uparrow uni_{+16}(\downarrow 8ve_{-16})$

$4136 = 2^{3}\bullet 11^{1}\bullet 47^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow P5_{-34}(\downarrow P4_{+34})^{1}} = (1) + \uparrow uni_{+17}(\downarrow 8ve_{-17})$

$4137 = 3^{1}\bullet 7^{1}\bullet 197^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow P5_{+46}(\downarrow P4_{-46})^{1}} = (1) + \uparrow uni_{+17}(\downarrow 8ve_{-17})$

$4138 = 2^{1}\bullet 2069^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow uni_{+18}(\downarrow 8ve_{-18})^{1}} = (1) + \uparrow uni_{+18}(\downarrow 8ve_{-18})$

$4139 = 4139^{1} = \mathbf{(1) + \uparrow uni_{+18}(\downarrow 8ve_{-18})}$

$4140 = 2^{2}\bullet 3^{2}\bullet 5^{1}\bullet 23^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1}} = (1) + \uparrow uni_{+18}(\downarrow 8ve_{-18})$

$4141 = 41^{1}\bullet 101^{1} = \mathbf{(1) + \uparrow M3_{+29}(\downarrow m6_{-29})^{1} + \uparrow m6_{-10}(\downarrow M3_{+10})^{1}} = (1) + \uparrow uni_{+19}(\downarrow 8ve_{-19})$

$4142 = 2^{1}\bullet 19^{1}\bullet 109^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow M6_{+22}(\downarrow m3_{-22})^{1}} = (1) + \uparrow uni_{+19}(\downarrow 8ve_{-19})$

$4143 = 3^{1}\bullet 1381^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow P4_{+18}(\downarrow P5_{-18})^{1}} = (1) + \uparrow uni_{+20}(\downarrow 8ve_{-20})$

$4144 = 2^{4}\bullet 7^{1}\bullet 37^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m3_{-49}(\downarrow M6_{+49})^{1}} = (1) + \uparrow uni_{+20}(\downarrow 8ve_{-20})$

$4145 = 5^{1}\bullet 829^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m6_{+34}(\downarrow M3_{-34})^{1}} = (1) + \uparrow uni_{+21}(\downarrow 8ve_{-21})$

$4146 = 2^{1}\bullet 3^{1}\bullet 691^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow P4_{+19}(\downarrow P5_{-19})^{1}} = (1) + \uparrow uni_{+21}(\downarrow 8ve_{-21})$

$4147 = 11^{1}\bullet 13^{1}\bullet 29^{1} = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1}} = (1) + \uparrow uni_{+21}(\downarrow 8ve_{-21})$

$4148 = 2^{2}\bullet 17^{1}\bullet 61^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow M7_{+17}(\downarrow m2_{-17})^{1}} = (1) + \uparrow uni_{+22}(\downarrow 8ve_{-22})$

$4149 = 3^{2}\bullet 461^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m7_{+18}(\downarrow M2_{-18})^{1}} = (1) + \uparrow uni_{+22}(\downarrow 8ve_{-22})$

$4150 = 2^{1}\bullet 5^{2}\bullet 83^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow P4_{-50}(\downarrow P5_{+50})^{1}} = (1) + \uparrow uni_{+23}(\downarrow 8ve_{-23})$

$4151 = 7^{1}\bullet 593^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m3_{-46}(\downarrow M6_{+46})^{1}} = (1) + \uparrow uni_{+23}(\downarrow 8ve_{-23})$

$4152 = 2^{3}\bullet 3^{1}\bullet 173^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow P4_{+22}(\downarrow P5_{-22})^{1}} = (1) + \uparrow uni_{+24}(\downarrow 8ve_{-24})$

$4153 = 4153^{1} = \mathbf{(1) + \uparrow uni_{+24}(\downarrow 8ve_{-24})}$

$4154 = 2^{1}\bullet 31^{1}\bullet 67^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1} + \uparrow m2_{-21}(\downarrow M7_{+21})^{1}} = (1) + \uparrow uni_{+24}(\downarrow 8ve_{-24})$

$4155 = 3^{1}\bullet 5^{1}\bullet 277^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m2_{+36}(\downarrow M7_{-36})^{1}} = (1) + \uparrow uni_{+25}(\downarrow 8ve_{-25})$

$4156 = 2^{2}\bullet 1039^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow uni_{+25}(\downarrow 8ve_{-25})^{1}} = (1) + \uparrow uni_{+25}(\downarrow 8ve_{-25})$

$4157 = 4157^{1} = \mathbf{(1) + \uparrow uni_{+26}(\downarrow 8ve_{-26})}$

$4158 = 2^{1}\bullet 3^{3}\bullet 7^{1}\bullet 11^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1}} = (1) + \uparrow uni_{+26}(\downarrow 8ve_{-26})$

$4159 = 4159^{1} = \mathbf{(1) + \uparrow uni_{+26}(\downarrow 8ve_{-26})}$

$4160 = 2^{6}\bullet 5^{1}\bullet 13^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{6} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1}} = (1) + \uparrow uni_{+27}(\downarrow 8ve_{-27})$

$4161 = 3^{1}\bullet 19^{1}\bullet 73^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow M2_{+28}(\downarrow m7_{-28})^{1}} = (1) + \uparrow uni_{+27}(\downarrow 8ve_{-27})$

$4162 = 2^{1}\bullet 2081^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow uni_{+28}(\downarrow 8ve_{-28})^{1}} = (1) + \uparrow uni_{+28}(\downarrow 8ve_{-28})$

$4163 = 23^{1}\bullet 181^{1} = \mathbf{(1) + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow tt_{+0}(\downarrow tt_{-0})^{1}} = (1) + \uparrow uni_{+28}(\downarrow 8ve_{-28})$

$4164 = 2^{2}\bullet 3^{1}\bullet 347^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow P4_{+27}(\downarrow P5_{-27})^{1}} = (1) + \uparrow uni_{+29}(\downarrow 8ve_{-29})$

$4165 = 5^{1}\bullet 7^{2}\bullet 17^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{2} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1}} = (1) + \uparrow uni_{+29}(\downarrow 8ve_{-29})$

$4166 = 2^{1}\bullet 2083^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow uni_{+29}(\downarrow 8ve_{-29})^{1}} = (1) + \uparrow uni_{+29}(\downarrow 8ve_{-29})$

$4167 = 3^{2}\bullet 463^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m7_{+26}(\downarrow M2_{-26})^{1}} = (1) + \uparrow uni_{+30}(\downarrow 8ve_{-30})$

$4168 = 2^{3}\bullet 521^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow uni_{+30}(\downarrow 8ve_{-30})^{1}} = (1) + \uparrow uni_{+30}(\downarrow 8ve_{-30})$

$4169 = 11^{1}\bullet 379^{1} = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow P5_{-21}(\downarrow P4_{+21})^{1}} = (1) + \uparrow uni_{+31}(\downarrow 8ve_{-31})$

$4170 = 2^{1}\bullet 3^{1}\bullet 5^{1}\bullet 139^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m2_{+43}(\downarrow M7_{-43})^{1}} = (1) + \uparrow uni_{+31}(\downarrow 8ve_{-31})$

$4171 = 43^{1}\bullet 97^{1} = \mathbf{(1) + \uparrow P4_{+12}(\downarrow P5_{-12})^{1} + \uparrow P5_{+20}(\downarrow P4_{-20})^{1}} = (1) + \uparrow uni_{+31}(\downarrow 8ve_{-31})$

$4172 = 2^{2}\bullet 7^{1}\bullet 149^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m3_{-37}(\downarrow M6_{+37})^{1}} = (1) + \uparrow uni_{+32}(\downarrow 8ve_{-32})$

$4173 = 3^{1}\bullet 13^{1}\bullet 107^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow M6_{-10}(\downarrow m3_{+10})^{1}} = (1) + \uparrow uni_{+32}(\downarrow 8ve_{-32})$

$4174 = 2^{1}\bullet 2087^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow uni_{+33}(\downarrow 8ve_{-33})^{1}} = (1) + \uparrow uni_{+33}(\downarrow 8ve_{-33})$

$4175 = 5^{2}\bullet 167^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow P4_{-40}(\downarrow P5_{+40})^{1}} = (1) + \uparrow uni_{+33}(\downarrow 8ve_{-33})$

$4176 = 2^{4}\bullet 3^{2}\bullet 29^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1}} = (1) + \uparrow uni_{+33}(\downarrow 8ve_{-33})$

$4177 = 4177^{1} = \mathbf{(1) + \uparrow uni_{+34}(\downarrow 8ve_{-34})}$

$4178 = 2^{1}\bullet 2089^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow uni_{+34}(\downarrow 8ve_{-34})^{1}} = (1) + \uparrow uni_{+34}(\downarrow 8ve_{-34})$

$4179 = 3^{1}\bullet 7^{1}\bullet 199^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m6_{-36}(\downarrow M3_{+36})^{1}} = (1) + \uparrow uni_{+35}(\downarrow 8ve_{-35})$

$4180 = 2^{2}\bullet 5^{1}\bullet 11^{1}\bullet 19^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1}} = (1) + \uparrow uni_{+35}(\downarrow 8ve_{-35})$

$4181 = 37^{1}\bullet 113^{1} = \mathbf{(1) + \uparrow m3_{-49}(\downarrow M6_{+49})^{1} + \uparrow m7_{-16}(\downarrow M2_{+16})^{1}} = (1) + \uparrow uni_{+36}(\downarrow 8ve_{-36})$

$4182 = 2^{1}\bullet 3^{1}\bullet 17^{1}\bullet 41^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow M3_{+29}(\downarrow m6_{-29})^{1}} = (1) + \uparrow uni_{+36}(\downarrow 8ve_{-36})$

$4183 = 47^{1}\bullet 89^{1} = \mathbf{(1) + \uparrow P5_{-34}(\downarrow P4_{+34})^{1} + \uparrow tt_{-29}(\downarrow tt_{+29})^{1}} = (1) + \uparrow uni_{+36}(\downarrow 8ve_{-36})$

$4184 = 2^{3}\bullet 523^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow uni_{+37}(\downarrow 8ve_{-37})^{1}} = (1) + \uparrow uni_{+37}(\downarrow 8ve_{-37})$

$4185 = 3^{3}\bullet 5^{1}\bullet 31^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1}} = (1) + \uparrow uni_{+37}(\downarrow 8ve_{-37})$

$4186 = 2^{1}\bullet 7^{1}\bullet 13^{1}\bullet 23^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1}} = (1) + \uparrow uni_{+38}(\downarrow 8ve_{-38})$

$4187 = 53^{1}\bullet 79^{1} = \mathbf{(1) + \uparrow M6_{-26}(\downarrow m3_{+26})^{1} + \uparrow M3_{-35}(\downarrow m6_{+35})^{1}} = (1) + \uparrow uni_{+38}(\downarrow 8ve_{-38})$

$4188 = 2^{2}\bullet 3^{1}\bullet 349^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow P4_{+36}(\downarrow P5_{-36})^{1}} = (1) + \uparrow uni_{+38}(\downarrow 8ve_{-38})$

$4189 = 59^{1}\bullet 71^{1} = \mathbf{(1) + \uparrow M7_{-41}(\downarrow m2_{+41})^{1} + \uparrow M2_{-20}(\downarrow m7_{+20})^{1}} = (1) + \uparrow uni_{+39}(\downarrow 8ve_{-39})$

$4190 = 2^{1}\bullet 5^{1}\bullet 419^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M6_{-47}(\downarrow m3_{+47})^{1}} = (1) + \uparrow uni_{+39}(\downarrow 8ve_{-39})$

$4191 = 3^{1}\bullet 11^{1}\bullet 127^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow 8ve_{-14}(\downarrow uni_{+14})^{1}} = (1) + \uparrow uni_{+40}(\downarrow 8ve_{-40})$

$4192 = 2^{5}\bullet 131^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{5} + \uparrow uni_{+40}(\downarrow 8ve_{-40})^{1}} = (1) + \uparrow uni_{+40}(\downarrow 8ve_{-40})$

$4193 = 7^{1}\bullet 599^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m3_{-28}(\downarrow M6_{+28})^{1}} = (1) + \uparrow uni_{+41}(\downarrow 8ve_{-41})$

$4194 = 2^{1}\bullet 3^{2}\bullet 233^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m7_{+37}(\downarrow M2_{-37})^{1}} = (1) + \uparrow uni_{+41}(\downarrow 8ve_{-41})$

$4195 = 5^{1}\bullet 839^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M6_{-45}(\downarrow m3_{+45})^{1}} = (1) + \uparrow uni_{+41}(\downarrow 8ve_{-41})$

$4196 = 2^{2}\bullet 1049^{1} = (1) + \updownarrow 8ve(uni)^{2} + \uparrow uni_{+42}(\downarrow 8ve_{-42})^{1} = (1) + \uparrow uni_{+42}(\downarrow 8ve_{-42})$

$4197 = 3^{1}\bullet 1399^{1} = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow P4_{+40}(\downarrow P5_{-40})^{1} = (1) + \uparrow uni_{+42}(\downarrow 8ve_{-42})$

$4198 = 2^{1}\bullet 2099^{1} = (1) + \updownarrow 8ve(uni)^{1} + \uparrow uni_{+43}(\downarrow 8ve_{-43})^{1} = (1) + \uparrow uni_{+43}(\downarrow 8ve_{-43})$

$4199 = 13^{1}\bullet 17^{1}\bullet 19^{1} = (1) + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} = (1) + \uparrow uni_{+43}(\downarrow 8ve_{-43})$

$4200 = 2^{3}\bullet 3^{1}\bullet 5^{2}\bullet 7^{1} = (1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} = (1) + \uparrow uni_{+43}(\downarrow 8ve_{-43})$

$4201 = 4201^{1} = (1) + \uparrow uni_{+44}(\downarrow 8ve_{-44})$

$4202 = 2^{1}\bullet 11^{1}\bullet 191^{1} = (1) + \updownarrow 8ve(uni)^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow P5_{-7}(\downarrow P4_{+7})^{1} = (1) + \uparrow uni_{+44}(\downarrow 8ve_{-44})$

$4203 = 3^{2}\bullet 467^{1} = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m7_{+41}(\downarrow M2_{-41})^{1} = (1) + \uparrow uni_{+45}(\downarrow 8ve_{-45})$

$4204 = 2^{2}\bullet 1051^{1} = (1) + \updownarrow 8ve(uni)^{2} + \uparrow uni_{+45}(\downarrow 8ve_{-45})^{1} = (1) + \uparrow uni_{+45}(\downarrow 8ve_{-45})$

$4205 = 5^{1}\bullet 29^{2} = (1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{+30}(\downarrow M2_{-30})^{2} = (1) + \uparrow uni_{+45}(\downarrow 8ve_{-45})$

$4206 = 2^{1}\bullet 3^{1}\bullet 701^{1} = (1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow P4_{+44}(\downarrow P5_{-44})^{1} = (1) + \uparrow uni_{+46}(\downarrow 8ve_{-46})$

$4207 = 7^{1}\bullet 601^{1} = (1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m3_{-23}(\downarrow M6_{+23})^{1} = (1) + \uparrow uni_{+46}(\downarrow 8ve_{-46})$

$4208 = 2^{4}\bullet 263^{1} = (1) + \updownarrow 8ve(uni)^{4} + \uparrow uni_{+47}(\downarrow 8ve_{-47})^{1} = (1) + \uparrow uni_{+47}(\downarrow 8ve_{-47})$

$4209 = 3^{1}\bullet 23^{1}\bullet 61^{1} = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow M7_{+17}(\downarrow m2_{-17})^{1} = (1) + \uparrow uni_{+47}(\downarrow 8ve_{-47})$

$4210 = 2^{1}\bullet 5^{1}\bullet 421^{1} = (1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M6_{-39}(\downarrow m3_{+39})^{1} = (1) + \uparrow uni_{+48}(\downarrow 8ve_{-48})$

$4211 = 4211^{1} = (1) + \uparrow uni_{+48}(\downarrow 8ve_{-48})$

$4212 = 2^{2}\bullet 3^{4}\bullet 13^{1} = (1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{4} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} = (1) + \uparrow uni_{+48}(\downarrow 8ve_{-48})$

$4213 = 11^{1}\bullet 383^{1} = (1) + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow P5_{-3}(\downarrow P4_{+3})^{1} = (1) + \uparrow uni_{+49}(\downarrow 8ve_{-49})$

$4214 = 2^{1}\bullet 7^{2}\bullet 43^{1} = (1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{2} + \uparrow P4_{+12}(\downarrow P5_{-12})^{1} = (1) + \uparrow uni_{+49}(\downarrow 8ve_{-49})$

$4215 = 3^{1}\bullet 5^{1}\bullet 281^{1} = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M2_{-39}(\downarrow m7_{+39})^{1} = (1) + \uparrow uni_{+50}(\downarrow 8ve_{-50})$

$4216 = 2^{3}\bullet 17^{1}\bullet 31^{1} = (1) + \updownarrow 8ve(uni)^{3} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1} = (1) + \uparrow uni_{+50}(\downarrow 8ve_{-50})$

$4217 = 4217^{1} = (1) + \uparrow m2_{-50}(\downarrow M7_{+50})$

$4218 = 2^{1}\bullet 3^{1}\bullet 19^{1}\bullet 37^{1} = (1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow m3_{-49}(\downarrow M6_{+49})^{1} = (1) + \uparrow m2_{-49}(\downarrow M7_{+49})$

$4219 = 4219^{1} = (1) + \uparrow m2_{-49}(\downarrow M7_{+49})$

$4220 = 2^{2}\bullet 5^{1}\bullet 211^{1} = (1) + \updownarrow 8ve(uni)^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M6_{-35}(\downarrow m3_{+35})^{1} = (1) + \uparrow m2_{-48}(\downarrow M7_{+48})$

$4221 = 3^{2}\bullet 7^{1}\bullet 67^{1} = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m2_{-21}(\downarrow M7_{+21})^{1} = (1) + \uparrow m2_{-48}(\downarrow M7_{+48})$

$4222 = 2^{1}\bullet 2111^{1} = (1) + \updownarrow 8ve(uni)^{1} + \uparrow m2_{-48}(\downarrow M7_{+48})^{1} = (1) + \uparrow m2_{-48}(\downarrow M7_{+48})$

$4223 = 41^{1}\bullet 103^{1} = (1) + \uparrow M3_{+29}(\downarrow m6_{-29})^{1} + \uparrow m6_{+24}(\downarrow M3_{-24})^{1} = (1) + \uparrow m2_{-47}(\downarrow M7_{+47})$

$4224 = 2^{7}\bullet 3^{1}\bullet 11^{1} = (1) + \updownarrow 8ve(uni)^{7} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} = (1) + \uparrow m2_{-47}(\downarrow M7_{+47})$

$4225 = 5^{2}\bullet 13^{2} = (1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow m6_{+41}(\downarrow M3_{-41})^{2} = (1) + \uparrow m2_{-46}(\downarrow M7_{+46})$

$4226 = 2^{1}\bullet 2113^{1} = (1) + \updownarrow 8ve(uni)^{1} + \uparrow m2_{-46}(\downarrow M7_{+46})^{1} = (1) + \uparrow m2_{-46}(\downarrow M7_{+46})$

$4227 = 3^{1}\bullet 1409^{1} = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{-47}(\downarrow tt_{+47})^{1} = (1) + \uparrow m2_{-45}(\downarrow M7_{+45})$

$4228 = 2^{2}\bullet 7^{1}\bullet 151^{1} = (1) + \updownarrow 8ve(uni)^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m3_{-14}(\downarrow M6_{+14})^{1} = (1) + \uparrow m2_{-45}(\downarrow M7_{+45})$

$4229 = 4229^{1} = (1) + \uparrow m2_{-45}(\downarrow M7_{+45})$

$4230 = 2^{1}\bullet 3^{2}\bullet 5^{1}\bullet 47^{1} = (1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow P5_{-34}(\downarrow P4_{+34})^{1} = (1) + \uparrow m2_{-44}(\downarrow M7_{+44})$

$4231 = 4231^{1} = (1) + \uparrow m2_{-44}(\downarrow M7_{+44})$

$4232 = 2^{3}\bullet 23^{2} = (1) + \updownarrow 8ve(uni)^{3} + \uparrow tt_{+28}(\downarrow tt_{-28})^{2} = (1) + \uparrow m2_{-43}(\downarrow M7_{+43})$

$4233 = 3^{1}\bullet 17^{1}\bullet 83^{1} = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow P4_{-50}(\downarrow P5_{+50})^{1} = (1) + \uparrow m2_{-43}(\downarrow M7_{+43})$

$4234 = 2^{1}\bullet 29^{1}\bullet 73^{1} = (1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1} + \uparrow M2_{+28}(\downarrow m7_{-28})^{1} = (1) + \uparrow m2_{-43}(\downarrow M7_{+43})$

$4235 = 5^{1}\bullet 7^{1}\bullet 11^{2} = (1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{2} = (1) + \uparrow m2_{-42}(\downarrow M7_{+42})$

$4236 = 2^{2}\bullet 3^{1}\bullet 353^{1} = (1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{-44}(\downarrow tt_{+44})^{1} = (1) + \uparrow m2_{-42}(\downarrow M7_{+42})$

$4237 = 19^{1}\bullet 223^{1} = (1) + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow m7_{-39}(\downarrow M2_{+39})^{1} = (1) + \uparrow m2_{-41}(\downarrow M7_{+41})$

$4238 = 2^{1}\bullet 13^{1}\bullet 163^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow M3_{+18}(\downarrow m6_{-18})^{1}} = (1) + \uparrow m2_{-41}(\downarrow M7_{+41})$

$4239 = 3^{3}\bullet 157^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow M3_{-46}(\downarrow m6_{+46})^{1}} = (1) + \uparrow m2_{-41}(\downarrow M7_{+41})$

$4240 = 2^{4}\bullet 5^{1}\bullet 53^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M6_{-26}(\downarrow m3_{+26})^{1}} = (1) + \uparrow m2_{-40}(\downarrow M7_{+40})$

$4241 = 4241^{1} = \mathbf{(1) + \uparrow m2_{-40}(\downarrow M7_{+40})}$

$4242 = 2^{1}\bullet 3^{1}\bullet 7^{1}\bullet 101^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m6_{-10}(\downarrow M3_{+10})^{1}} = (1) + \uparrow m2_{-39}(\downarrow M7_{+39})$

$4243 = 4243^{1} = \mathbf{(1) + \uparrow m2_{-39}(\downarrow M7_{+39})}$

$4244 = 2^{2}\bullet 1061^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m2_{-39}(\downarrow M7_{+39})^{1}} = (1) + \uparrow m2_{-39}(\downarrow M7_{+39})$

$4245 = 3^{1}\bullet 5^{1}\bullet 283^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M2_{-26}(\downarrow m7_{+26})^{1}} = (1) + \uparrow m2_{-38}(\downarrow M7_{+38})$

$4246 = 2^{1}\bullet 11^{1}\bullet 193^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow P5_{+11}(\downarrow P4_{-11})^{1}} = (1) + \uparrow m2_{-38}(\downarrow M7_{+38})$

$4247 = 31^{1}\bullet 137^{1} = \mathbf{(1) + \uparrow M7_{+45}(\downarrow m2_{-45})^{1} + \uparrow m2_{+18}(\downarrow M7_{-18})^{1}} = (1) + \uparrow m2_{-37}(\downarrow M7_{+37})$

$4248 = 2^{3}\bullet 3^{2}\bullet 59^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M7_{-41}(\downarrow m2_{+41})^{1}} = (1) + \uparrow m2_{-37}(\downarrow M7_{+37})$

$4249 = 7^{1}\bullet 607^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m3_{-5}(\downarrow M6_{+5})^{1}} = (1) + \uparrow m2_{-37}(\downarrow M7_{+37})$

$4250 = 2^{1}\bullet 5^{3}\bullet 17^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{3} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1}} = (1) + \uparrow m2_{-36}(\downarrow M7_{+36})$

$4251 = 3^{1}\bullet 13^{1}\bullet 109^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow M6_{+22}(\downarrow m3_{-22})^{1}} = (1) + \uparrow m2_{-36}(\downarrow M7_{+36})$

$4252 = 2^{2}\bullet 1063^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m2_{-35}(\downarrow M7_{+35})^{1}} = (1) + \uparrow m2_{-35}(\downarrow M7_{+35})$

$4253 = 4253^{1} = \mathbf{(1) + \uparrow m2_{-35}(\downarrow M7_{+35})}$

$4254 = 2^{1}\bullet 3^{1}\bullet 709^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{-36}(\downarrow tt_{+36})^{1}} = (1) + \uparrow m2_{-34}(\downarrow M7_{+34})$

$4255 = 5^{1}\bullet 23^{1}\bullet 37^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow m3_{-49}(\downarrow M6_{+49})^{1}} = (1) + \uparrow m2_{-34}(\downarrow M7_{+34})$

$4256 = 2^{5}\bullet 7^{1}\bullet 19^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{5} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1}} = (1) + \uparrow m2_{-34}(\downarrow M7_{+34})$

$4257 = 3^{2}\bullet 11^{1}\bullet 43^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow P4_{+12}(\downarrow P5_{-12})^{1}} = (1) + \uparrow m2_{-33}(\downarrow M7_{+33})$

$4258 = 2^{1}\bullet 2129^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m2_{-33}(\downarrow M7_{+33})^{1}} = (1) + \uparrow m2_{-33}(\downarrow M7_{+33})$

$4259 = 4259^{1} = \mathbf{(1) + \uparrow m2_{-32}(\downarrow M7_{+32})}$

$4260 = 2^{2}\bullet 3^{1}\bullet 5^{1}\bullet 71^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M2_{-20}(\downarrow m7_{+20})^{1}} = (1) + \uparrow m2_{-32}(\downarrow M7_{+32})$

$4261 = 4261^{1} = \mathbf{(1) + \uparrow m2_{-32}(\downarrow M7_{+32})}$

$4262 = 2^{1}\bullet 2131^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m2_{-31}(\downarrow M7_{+31})^{1}} = (1) + \uparrow m2_{-31}(\downarrow M7_{+31})$

$4263 = 3^{1}\bullet 7^{2}\bullet 29^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{2} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1}} = (1) + \uparrow m2_{-31}(\downarrow M7_{+31})$

$4264 = 2^{3}\bullet 13^{1}\bullet 41^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow M3_{+29}(\downarrow m6_{-29})^{1}} = (1) + \uparrow m2_{-30}(\downarrow M7_{+30})$

$4265 = 5^{1}\bullet 853^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M6_{-16}(\downarrow m3_{+16})^{1}} = (1) + \uparrow m2_{-30}(\downarrow M7_{+30})$

$4266 = 2^{1}\bullet 3^{3}\bullet 79^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow M3_{-35}(\downarrow m6_{+35})^{1}} = (1) + \uparrow m2_{-30}(\downarrow M7_{+30})$

$4267 = 17^{1}\bullet 251^{1} = \mathbf{(1) + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow 8ve_{-34}(\downarrow uni_{+34})^{1}} = (1) + \uparrow m2_{-29}(\downarrow M7_{+29})$

$4268 = 2^{2}\bullet 11^{1}\bullet 97^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow P5_{+20}(\downarrow P4_{-20})^{1}} = (1) + \uparrow m2_{-29}(\downarrow M7_{+29})$

$4269 = 3^{1}\bullet 1423^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{-30}(\downarrow tt_{+30})^{1}} = (1) + \uparrow m2_{-28}(\downarrow M7_{+28})$

$4270 = 2^{1}\bullet 5^{1}\bullet 7^{1}\bullet 61^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M7_{+17}(\downarrow m2_{-17})^{1}} = (1) + \uparrow m2_{-28}(\downarrow M7_{+28})$

$4271 = 4271^{1} = \mathbf{(1) + \uparrow m2_{-28}(\downarrow M7_{+28})}$

$4272 = 2^{4}\bullet 3^{1}\bullet 89^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{-29}(\downarrow tt_{+29})^{1}} = (1) + \uparrow m2_{-27}(\downarrow M7_{+27})$

$4273 = 4273^{1} = \mathbf{(1) + \uparrow m2_{-27}(\downarrow M7_{+27})}$

$4274 = 2^{1}\bullet 2137^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m2_{-26}(\downarrow M7_{+26})^{1}} = (1) + \uparrow m2_{-26}(\downarrow M7_{+26})$

$4275 = 3^{2}\bullet 5^{2}\bullet 19^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1}} = (1) + \uparrow m2_{-26}(\downarrow M7_{+26})$

$4276 = 2^{2}\bullet 1069^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m2_{-26}(\downarrow M7_{+26})^{1}} = (1) + \uparrow m2_{-26}(\downarrow M7_{+26})$

$4277 = 7^{1}\bullet 13^{1}\bullet 47^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow P5_{-34}(\downarrow P4_{+34})^{1}} = (1) + \uparrow m2_{-25}(\downarrow M7_{+25})$

$4278 = 2^{1}\bullet 3^{1}\bullet 23^{1}\bullet 31^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1}} = (1) + \uparrow m2_{-25}(\downarrow M7_{+25})$

$4279 = 11^{1}\bullet 389^{1} = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow P5_{+24}(\downarrow P4_{-24})^{1}} = (1) + \uparrow m2_{-24}(\downarrow M7_{+24})$

$4280 = 2^3 \bullet 5^1 \bullet 107^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M6_{-10}(\downarrow m3_{+10})^1} = (1) + \uparrow m2_{-24}(\downarrow M7_{+24})$

$4281 = 3^1 \bullet 1427^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{-25}(\downarrow tt_{+25})^1} = (1) + \uparrow m2_{-24}(\downarrow M7_{+24})$

$4282 = 2^1 \bullet 2141^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m2_{-23}(\downarrow M7_{+23})^1} = (1) + \uparrow m2_{-23}(\downarrow M7_{+23})$

$4283 = 4283^1 = \mathbf{(1) + \uparrow m2_{-23}(\downarrow M7_{+23})}$

$4284 = 2^2 \bullet 3^2 \bullet 7^1 \bullet 17^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1} = (1) + \uparrow m2_{-22}(\downarrow M7_{+22})$

$4285 = 5^1 \bullet 857^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M6_{-8}(\downarrow m3_{+8})^1} = (1) + \uparrow m2_{-22}(\downarrow M7_{+22})$

$4286 = 2^1 \bullet 2143^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m2_{-22}(\downarrow M7_{+22})^1} = (1) + \uparrow m2_{-22}(\downarrow M7_{+22})$

$4287 = 3^1 \bullet 1429^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{-23}(\downarrow tt_{+23})^1} = (1) + \uparrow m2_{-21}(\downarrow M7_{+21})$

$4288 = 2^6 \bullet 67^1 = \mathbf{(1) + \updownarrow 8ve(uni)^6 + \uparrow m2_{-21}(\downarrow M7_{+21})^1} = (1) + \uparrow m2_{-21}(\downarrow M7_{+21})$

$4289 = 4289^1 = \mathbf{(1) + \uparrow m2_{-20}(\downarrow M7_{+20})}$

$4290 = 2^1 \bullet 3^1 \bullet 5^1 \bullet 11^1 \bullet 13^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1} =$
$(1) + \uparrow m2_{-20}(\downarrow M7_{+20})$

$4291 = 7^1 \bullet 613^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m3_{+12}(\downarrow M6_{-12})^1} = (1) + \uparrow m2_{-19}(\downarrow M7_{+19})$

$4292 = 2^2 \bullet 29^1 \bullet 37^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m7_{+30}(\downarrow M2_{-30})^1 + \uparrow m3_{-49}(\downarrow M6_{+49})^1} = (1) + \uparrow m2_{-19}(\downarrow M7_{+19})$

$4293 = 3^4 \bullet 53^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^4 + \uparrow M6_{-26}(\downarrow m3_{+26})^1} = (1) + \uparrow m2_{-19}(\downarrow M7_{+19})$

$4294 = 2^1 \bullet 19^1 \bullet 113^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow m7_{-16}(\downarrow M2_{+16})^1} = (1) + \uparrow m2_{-18}(\downarrow M7_{+18})$

$4295 = 5^1 \bullet 859^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M6_{-4}(\downarrow m3_{+4})^1} = (1) + \uparrow m2_{-18}(\downarrow M7_{+18})$

$4296 = 2^3 \bullet 3^1 \bullet 179^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{-19}(\downarrow tt_{+19})^1} = (1) + \uparrow m2_{-17}(\downarrow M7_{+17})$

$4297 = 4297^1 = \mathbf{(1) + \uparrow m2_{-17}(\downarrow M7_{+17})}$

$4298 = 2^1 \bullet 7^1 \bullet 307^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m3_{+15}(\downarrow M6_{-15})^1} = (1) + \uparrow m2_{-17}(\downarrow M7_{+17})$

$4299 = 3^1 \bullet 1433^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{-18}(\downarrow tt_{+18})^1} = (1) + \uparrow m2_{-16}(\downarrow M7_{+16})$

$4300 = 2^2 \bullet 5^2 \bullet 43^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow P4_{+12}(\downarrow P5_{-12})^1} = (1) + \uparrow m2_{-16}(\downarrow M7_{+16})$

$4301 = 11^1 \bullet 17^1 \bullet 23^1 = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1} = (1) + \uparrow m2_{-15}(\downarrow M7_{+15})$

$4302 = 2^1 \bullet 3^2 \bullet 239^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M7_{-19}(\downarrow m2_{+19})^1} = (1) + \uparrow m2_{-15}(\downarrow M7_{+15})$

$4303 = 13^1 \bullet 331^1 = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow M3_{+45}(\downarrow m6_{-45})^1} = (1) + \uparrow m2_{-15}(\downarrow M7_{+15})$

$4304 = 2^4 \bullet 269^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow m2_{-14}(\downarrow M7_{+14})^1} = (1) + \uparrow m2_{-14}(\downarrow M7_{+14})$

$4305 = 3^1 \bullet 5^1 \bullet 7^1 \bullet 41^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M3_{+29}(\downarrow m6_{-29})^1} =$
$(1) + \uparrow m2_{-14}(\downarrow M7_{+14})$

$4306 = 2^1 \bullet 2153^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m2_{-13}(\downarrow M7_{+13})^1} = (1) + \uparrow m2_{-13}(\downarrow M7_{+13})$

$4307 = 59^1 \bullet 73^1 = \mathbf{(1) + \uparrow M7_{-41}(\downarrow m2_{+41})^1 + \uparrow M2_{+28}(\downarrow m7_{-28})^1} = (1) + \uparrow m2_{-13}(\downarrow M7_{+13})$

$4308 = 2^2 \bullet 3^1 \bullet 359^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{-15}(\downarrow tt_{+15})^1} = (1) + \uparrow m2_{-13}(\downarrow M7_{+13})$

$4309 = 31^1 \bullet 139^1 = \mathbf{(1) + \uparrow M7_{+45}(\downarrow m2_{-45})^1 + \uparrow m2_{+43}(\downarrow M7_{-43})^1} = (1) + \uparrow m2_{-12}(\downarrow M7_{+12})$

$4310 = 2^1 \bullet 5^1 \bullet 431^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M6_{+2}(\downarrow m3_{-2})^1} = (1) + \uparrow m2_{-12}(\downarrow M7_{+12})$

$4311 = 3^2 \bullet 479^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M7_{-15}(\downarrow m2_{+15})^1} = (1) + \uparrow m2_{-11}(\downarrow M7_{+11})$

$4312 = 2^3 \bullet 7^2 \bullet 11^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow m7_{-31}(\downarrow M2_{+31})^2 + \uparrow tt_{-49}(\downarrow tt_{+49})^1} = (1) + \uparrow m2_{-11}(\downarrow M7_{+11})$

$4313 = 19^1 \bullet 227^1 = \mathbf{(1) + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow m7_{-8}(\downarrow M2_{+8})^1} = (1) + \uparrow m2_{-11}(\downarrow M7_{+11})$

$4314 = 2^1 \bullet 3^1 \bullet 719^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{-12}(\downarrow tt_{+12})^1} = (1) + \uparrow m2_{-10}(\downarrow M7_{+10})$

$4315 = 5^1 \bullet 863^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M6_{+4}(\downarrow m3_{-4})^1} = (1) + \uparrow m2_{-10}(\downarrow M7_{+10})$

$4316 = 2^2 \bullet 13^1 \bullet 83^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow P4_{-50}(\downarrow P5_{+50})^1} = (1) + \uparrow m2_{-9}(\downarrow M7_{+9})$

$4317 = 3^1 \bullet 1439^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{-11}(\downarrow tt_{+11})^1} = (1) + \uparrow m2_{-9}(\downarrow M7_{+9})$

$4318 = 2^1 \bullet 17^1 \bullet 127^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow 8ve_{-14}(\downarrow uni_{+14})^1} = (1) + \uparrow m2_{-9}(\downarrow M7_{+9})$

$4319 = 7^1 \bullet 617^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m3_{+23}(\downarrow M6_{-23})^1} = (1) + \uparrow m2_{-8}(\downarrow M7_{+8})$

$4320 = 2^5 \bullet 3^3 \bullet 5^1 = \mathbf{(1) + \updownarrow 8ve(uni)^5 + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow M3_{-14}(\downarrow m6_{+14})^1} = (1) + \uparrow m2_{-8}(\downarrow M7_{+8})$

$4321 = 29^1 \bullet 149^1 = \mathbf{(1) + \uparrow m7_{+30}(\downarrow M2_{-30})^1 + \uparrow m3_{-37}(\downarrow M6_{+37})^1} = (1) + \uparrow m2_{-7}(\downarrow M7_{+7})$

$4322 = 2^1 \bullet 2161^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m2_{-7}(\downarrow M7_{+7})^1} = (1) + \uparrow m2_{-7}(\downarrow M7_{+7})$

$4323 = 3^1 \bullet 11^1 \bullet 131^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow uni_{+40}(\downarrow 8ve_{-40})^1} = (1) + \uparrow m2_{-7}(\downarrow M7_{+7})$

$4324 = 2^2 \bullet 23^1 \bullet 47^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow P5_{-34}(\downarrow P4_{+34})^1} = (1) + \uparrow m2_{-6}(\downarrow M7_{+6})$

$4325 = 5^2 \bullet 173^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow P4_{+22}(\downarrow P5_{-22})^1} = (1) + \uparrow m2_{-6}(\downarrow M7_{+6})$

$4326 = 2^1 \bullet 3^1 \bullet 7^1 \bullet 103^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m6_{+24}(\downarrow M3_{-24})^1} = (1) + \uparrow m2_{-5}(\downarrow M7_{+5})$

$4327 = 4327^1 = \mathbf{(1) + \uparrow m2_{-5}(\downarrow M7_{+5})}$

$4328 = 2^3 \bullet 541^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow m2_{-5}(\downarrow M7_{+5})^1} = (1) + \uparrow m2_{-5}(\downarrow M7_{+5})$

$4329 = 3^2 \bullet 13^1 \bullet 37^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow m3_{-49}(\downarrow M6_{+49})^1} = (1) + \uparrow m2_{-4}(\downarrow M7_{+4})$

$4330 = 2^1 \bullet 5^1 \bullet 433^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M6_{+10}(\downarrow m3_{-10})^1} = (1) + \uparrow m2_{-4}(\downarrow M7_{+4})$

$4331 = 61^1 \bullet 71^1 = \mathbf{(1) + \uparrow M7_{+17}(\downarrow m2_{-17})^1 + \uparrow M2_{-20}(\downarrow m7_{+20})^1} = (1) + \uparrow m2_{-3}(\downarrow M7_{+3})$

$4332 = 2^2 \bullet 3^1 \bullet 19^2 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^2} = (1) + \uparrow m2_{-3}(\downarrow M7_{+3})$

$4333 = 7^1 \bullet 619^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m3_{+29}(\downarrow M6_{-29})^1} = (1) + \uparrow m2_{-3}(\downarrow M7_{+3})$

$4334 = 2^1 \bullet 11^1 \bullet 197^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow P5_{+46}(\downarrow P4_{-46})^1} = (1) + \uparrow m2_{-2}(\downarrow M7_{+2})$

$4335 = 3^1 \bullet 5^1 \bullet 17^2 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^2} = (1) + \uparrow m2_{-2}(\downarrow M7_{+2})$

$4336 = 2^4 \bullet 271^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow m2_{-1}(\downarrow M7_{+1})^1} = (1) + \uparrow m2_{-1}(\downarrow M7_{+1})$

$4337 = 4337^1 = \mathbf{(1) + \uparrow m2_{-1}(\downarrow M7_{+1})}$

$4338 = 2^1 \bullet 3^2 \bullet 241^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M7_{-5}(\downarrow m2_{+5})^1} = (1) + \uparrow m2_{-1}(\downarrow M7_{+1})$

$4339 = 4339^1 = \mathbf{(1) + \uparrow m2_{+0}(\downarrow M7_{-0})}$

$4340 = 2^2 \bullet 5^1 \bullet 7^1 \bullet 31^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M7_{+45}(\downarrow m2_{-45})^1} = (1) + \uparrow m2_{+0}(\downarrow M7_{-0})$

$4341 = 3^1 \bullet 1447^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{-1}(\downarrow tt_{+1})^1} = (1) + \uparrow m2_{+1}(\downarrow M7_{-1})$

$4342 = 2^1 \bullet 13^1 \bullet 167^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow P4_{-40}(\downarrow P5_{+40})^1} = (1) + \uparrow m2_{+1}(\downarrow M7_{-1})$

$4343 = 43^1 \bullet 101^1 = \mathbf{(1) + \uparrow P4_{+12}(\downarrow P5_{-12})^1 + \uparrow m6_{-10}(\downarrow M3_{+10})^1} = (1) + \uparrow m2_{+1}(\downarrow M7_{-1})$

$4344 = 2^3 \bullet 3^1 \bullet 181^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{+0}(\downarrow tt_{-0})^1} = (1) + \uparrow m2_{+2}(\downarrow M7_{-2})$

$4345 = 5^1 \bullet 11^1 \bullet 79^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow M3_{-35}(\downarrow m6_{+35})^1} = (1) + \uparrow m2_{+2}(\downarrow M7_{-2})$

$4346 = 2^1 \bullet 41^1 \bullet 53^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{+29}(\downarrow m6_{-29})^1 + \uparrow M6_{-26}(\downarrow m3_{+26})^1} = (1) + \uparrow m2_{+3}(\downarrow M7_{-3})$

$4347 = 3^3 \bullet 7^1 \bullet 23^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1} = (1) + \uparrow m2_{+3}(\downarrow M7_{-3})$

$4348 = 2^2 \bullet 1087^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m2_{+3}(\downarrow M7_{-3})^1} = (1) + \uparrow m2_{+3}(\downarrow M7_{-3})$

$4349 = 4349^1 = \mathbf{(1) + \uparrow m2_{+4}(\downarrow M7_{-4})}$

$4350 = 2^1 \bullet 3^1 \bullet 5^2 \bullet 29^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow m7_{+30}(\downarrow M2_{-30})^1} = (1) + \uparrow m2_{+4}(\downarrow M7_{-4})$

$4351 = 19^1 \bullet 229^1 = \mathbf{(1) + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow m7_{+7}(\downarrow M2_{-7})^1} = (1) + \uparrow m2_{+5}(\downarrow M7_{-5})$

$4352 = 2^8 \bullet 17^1 = \mathbf{(1) + \updownarrow 8ve(uni)^8 + \uparrow m2_{+5}(\downarrow M7_{-5})^1} = (1) + \uparrow m2_{+5}(\downarrow M7_{-5})$

$4353 = 3^1 \bullet 1451^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{+3}(\downarrow tt_{-3})^1} = (1) + \uparrow m2_{+5}(\downarrow M7_{-5})$

$4354 = 2^1 \bullet 7^1 \bullet 311^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m3_{+37}(\downarrow M6_{-37})^1} = (1) + \uparrow m2_{+6}(\downarrow M7_{-6})$

$4355 = 5^1 \bullet 13^1 \bullet 67^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow m2_{-21}(\downarrow M7_{+21})^1} = (1) + \uparrow m2_{+6}(\downarrow M7_{-6})$

$4356 = 2^2 \bullet 3^2 \bullet 11^2 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow tt_{-49}(\downarrow tt_{+49})^2} = (1) + \uparrow m2_{+7}(\downarrow M7_{-7})$

$4357 = 4357^1 = \mathbf{(1) + \uparrow m2_{+7}(\downarrow M7_{-7})}$

$4358 = 2^1 \bullet 2179^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m2_{+7}(\downarrow M7_{-7})^1} = (1) + \uparrow m2_{+7}(\downarrow M7_{-7})$

$4359 = 3^1 \bullet 1453^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{+6}(\downarrow tt_{-6})^1} = (1) + \uparrow m2_{+8}(\downarrow M7_{-8})$

$4360 = 2^3 \bullet 5^1 \bullet 109^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M6_{+22}(\downarrow m3_{-22})^1} = (1) + \uparrow m2_{+8}(\downarrow M7_{-8})$

$4361 = 7^2 \bullet 89^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^2 + \uparrow tt_{-29}(\downarrow tt_{+29})^1} = (1) + \uparrow m2_{+9}(\downarrow M7_{-9})$

$4362 = 2^1 \bullet 3^1 \bullet 727^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{+7}(\downarrow tt_{-7})^1} = (1) + \uparrow m2_{+9}(\downarrow M7_{-9})$

$4363 = 4363^{1} = \mathbf{(1) + \uparrow m2_{+9}(\downarrow M7_{-9})}$

$4364 = 2^{2}\bullet 1091^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m2_{+10}(\downarrow M7_{-10})^{1}} = (1) + \uparrow m2_{+10}(\downarrow M7_{-10})$

$4365 = 3^{2}\bullet 5^{1}\bullet 97^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow P5_{+20}(\downarrow P4_{-20})^{1}} = (1) + \uparrow m2_{+10}(\downarrow M7_{-10})$

$4366 = 2^{1}\bullet 37^{1}\bullet 59^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m3_{-49}(\downarrow M6_{+49})^{1} + \uparrow M7_{-41}(\downarrow m2_{+41})^{1}} = (1) + \uparrow m2_{+11}(\downarrow M7_{-11})$

$4367 = 11^{1}\bullet 397^{1} = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m6_{-40}(\downarrow M3_{+40})^{1}} = (1) + \uparrow m2_{+11}(\downarrow M7_{-11})$

$4368 = 2^{4}\bullet 3^{1}\bullet 7^{1}\bullet 13^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1}} = (1) + \uparrow m2_{+11}(\downarrow M7_{-11})$

$4369 = 17^{1}\bullet 257^{1} = \mathbf{(1) + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow uni_{+7}(\downarrow 8ve_{-7})^{1}} = (1) + \uparrow m2_{+12}(\downarrow M7_{-12})$

$4370 = 2^{1}\bullet 5^{1}\bullet 19^{1}\bullet 23^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1}} = (1) + \uparrow m2_{+12}(\downarrow M7_{-12})$

$4371 = 3^{1}\bullet 31^{1}\bullet 47^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1} + \uparrow P5_{-34}(\downarrow P4_{+34})^{1}} = (1) + \uparrow m2_{+12}(\downarrow M7_{-12})$

$4372 = 2^{2}\bullet 1093^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m2_{+13}(\downarrow M7_{-13})^{1}} = (1) + \uparrow m2_{+13}(\downarrow M7_{-13})$

$4373 = 4373^{1} = \mathbf{(1) + \uparrow m2_{+13}(\downarrow M7_{-13})}$

$4374 = 2^{1}\bullet 3^{7} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{7}} = (1) + \uparrow m2_{+14}(\downarrow M7_{-14})$

$4375 = 5^{4}\bullet 7^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{4} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1}} = (1) + \uparrow m2_{+14}(\downarrow M7_{-14})$

$4376 = 2^{3}\bullet 547^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow m2_{+14}(\downarrow M7_{-14})^{1}} = (1) + \uparrow m2_{+14}(\downarrow M7_{-14})$

$4377 = 3^{1}\bullet 1459^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{+13}(\downarrow tt_{-13})^{1}} = (1) + \uparrow m2_{+15}(\downarrow M7_{-15})$

$4378 = 2^{1}\bullet 11^{1}\bullet 199^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m6_{-36}(\downarrow M3_{+36})^{1}} = (1) + \uparrow m2_{+15}(\downarrow M7_{-15})$

$4379 = 29^{1}\bullet 151^{1} = \mathbf{(1) + \uparrow m7_{+30}(\downarrow M2_{-30})^{1} + \uparrow m3_{-14}(\downarrow M6_{+14})^{1}} = (1) + \uparrow m2_{+16}(\downarrow M7_{-16})$

$4380 = 2^{2}\bullet 3^{1}\bullet 5^{1}\bullet 73^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M2_{+28}(\downarrow m7_{-28})^{1}} = (1) + \uparrow m2_{+16}(\downarrow M7_{-16})$

$4381 = 13^{1}\bullet 337^{1} = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow P4_{-24}(\downarrow P5_{+24})^{1}} = (1) + \uparrow m2_{+16}(\downarrow M7_{-16})$

$4382 = 2^{1}\bullet 7^{1}\bullet 313^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m3_{+48}(\downarrow M6_{-48})^{1}} = (1) + \uparrow m2_{+17}(\downarrow M7_{-17})$

$4383 = 3^{2}\bullet 487^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M7_{+13}(\downarrow m2_{-13})^{1}} = (1) + \uparrow m2_{+17}(\downarrow M7_{-17})$

$4384 = 2^{5}\bullet 137^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{5} + \uparrow m2_{+18}(\downarrow M7_{-18})^{1}} = (1) + \uparrow m2_{+18}(\downarrow M7_{-18})$

$4385 = 5^{1}\bullet 877^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M6_{+32}(\downarrow m3_{-32})^{1}} = (1) + \uparrow m2_{+18}(\downarrow M7_{-18})$

$4386 = 2^{1}\bullet 3^{1}\bullet 17^{1}\bullet 43^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow P4_{+12}(\downarrow P5_{-12})^{1}} = (1) + \uparrow m2_{+18}(\downarrow M7_{-18})$

$4387 = 41^{1}\bullet 107^{1} = \mathbf{(1) + \uparrow M3_{+29}(\downarrow m6_{-29})^{1} + \uparrow M6_{-10}(\downarrow m3_{+10})^{1}} = (1) + \uparrow m2_{+19}(\downarrow M7_{-19})$

$4388 = 2^{2}\bullet 1097^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m2_{+19}(\downarrow M7_{-19})^{1}} = (1) + \uparrow m2_{+19}(\downarrow M7_{-19})$

$4389 = 3^{1}\bullet 7^{1}\bullet 11^{1}\bullet 19^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1}} = (1) + \uparrow m2_{+20}(\downarrow M7_{-20})$

$4390 = 2^{1}\bullet 5^{1}\bullet 439^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M6_{+34}(\downarrow m3_{-34})^{1}} = (1) + \uparrow m2_{+20}(\downarrow M7_{-20})$

$4391 = 4391^{1} = \mathbf{(1) + \uparrow m2_{+20}(\downarrow M7_{-20})}$

$4392 = 2^{3}\bullet 3^{2}\bullet 61^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M7_{+17}(\downarrow m2_{-17})^{1}} = (1) + \uparrow m2_{+21}(\downarrow M7_{-21})$

$4393 = 23^{1}\bullet 191^{1} = \mathbf{(1) + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow P5_{-7}(\downarrow P4_{+7})^{1}} = (1) + \uparrow m2_{+21}(\downarrow M7_{-21})$

$4394 = 2^{1}\bullet 13^{3} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{3}} = (1) + \uparrow m2_{+22}(\downarrow M7_{-22})$

$4395 = 3^{1}\bullet 5^{1}\bullet 293^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M2_{+34}(\downarrow m7_{-34})^{1}} = (1) + \uparrow m2_{+22}(\downarrow M7_{-22})$

$4396 = 2^{2}\bullet 7^{1}\bullet 157^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M3_{-46}(\downarrow m6_{+46})^{1}} = (1) + \uparrow m2_{+22}(\downarrow M7_{-22})$

$4397 = 4397^{1} = \mathbf{(1) + \uparrow m2_{+23}(\downarrow M7_{-23})}$

$4398 = 2^{1}\bullet 3^{1}\bullet 733^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{+21}(\downarrow tt_{-21})^{1}} = (1) + \uparrow m2_{+23}(\downarrow M7_{-23})$

$4399 = 53^{1}\bullet 83^{1} = \mathbf{(1) + \uparrow M6_{-26}(\downarrow m3_{+26})^{1} + \uparrow P4_{-50}(\downarrow P5_{+50})^{1}} = (1) + \uparrow m2_{+24}(\downarrow M7_{-24})$

$4400 = 2^{4}\bullet 5^{2}\bullet 11^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1}} = (1) + \uparrow m2_{+24}(\downarrow M7_{-24})$

$4401 = 3^{3}\bullet 163^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow M3_{+18}(\downarrow m6_{-18})^{1}} = (1) + \uparrow m2_{+24}(\downarrow M7_{-24})$

$4402 = 2^{1}\bullet 31^{1}\bullet 71^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1} + \uparrow M2_{-20}(\downarrow m7_{+20})^{1}} = (1) + \uparrow m2_{+25}(\downarrow M7_{-25})$

$4403 = 7^{1}\bullet 17^{1}\bullet 37^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow m3_{-49}(\downarrow M6_{+49})^{1}} = (1) + \uparrow m2_{+25}(\downarrow M7_{-25})$

$4404 = 2^{2}\bullet 3^{1}\bullet 367^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{+24}(\downarrow tt_{-24})^{1}} = (1) + \uparrow m2_{+26}(\downarrow M7_{-26})$

$4405 = 5^1 \bullet 881^1 = (1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M6_{+40}(\downarrow m3_{-40})^1 = (1) + \uparrow m2_{+26}(\downarrow M7_{-26})$

$4406 = 2^1 \bullet 2203^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow m2_{+26}(\downarrow M7_{-26})^1 = (1) + \uparrow m2_{+26}(\downarrow M7_{-26})$

$4407 = 3^1 \bullet 13^1 \bullet 113^1 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow m7_{-16}(\downarrow M2_{+16})^1 = (1) + \uparrow m2_{+27}(\downarrow M7_{-27})$

$4408 = 2^3 \bullet 19^1 \bullet 29^1 = (1) + \updownarrow 8ve(uni)^3 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1 = (1) + \uparrow m2_{+27}(\downarrow M7_{-27})$

$4409 = 4409^1 = (1) + \uparrow m2_{+27}(\downarrow M7_{-27})$

$4410 = 2^1 \bullet 3^2 \bullet 5^1 \bullet 7^2 = (1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^2 = (1) + \uparrow m2_{+28}(\downarrow M7_{-28})$

$4411 = 11^1 \bullet 401^1 = (1) + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m6_{-23}(\downarrow M3_{+23})^1 = (1) + \uparrow m2_{+28}(\downarrow M7_{-28})$

$4412 = 2^2 \bullet 1103^1 = (1) + \updownarrow 8ve(uni)^2 + \uparrow m2_{+29}(\downarrow M7_{-29})^1 = (1) + \uparrow m2_{+29}(\downarrow M7_{-29})$

$4413 = 3^1 \bullet 1471^1 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{+27}(\downarrow tt_{-27})^1 = (1) + \uparrow m2_{+29}(\downarrow M7_{-29})$

$4414 = 2^1 \bullet 2207^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow m2_{+29}(\downarrow M7_{-29})^1 = (1) + \uparrow m2_{+29}(\downarrow M7_{-29})$

$4415 = 5^1 \bullet 883^1 = (1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M6_{+44}(\downarrow m3_{-44})^1 = (1) + \uparrow m2_{+30}(\downarrow M7_{-30})$

$4416 = 2^6 \bullet 3^1 \bullet 23^1 = (1) + \updownarrow 8ve(uni)^6 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1 = (1) + \uparrow m2_{+30}(\downarrow M7_{-30})$

$4417 = 7^1 \bullet 631^1 = (1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M3_{-38}(\downarrow m6_{+38})^1 = (1) + \uparrow m2_{+31}(\downarrow M7_{-31})$

$4418 = 2^1 \bullet 47^2 = (1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{-34}(\downarrow P4_{+34})^2 = (1) + \uparrow m2_{+31}(\downarrow M7_{-31})$

$4419 = 3^2 \bullet 491^1 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M7_{+27}(\downarrow m2_{-27})^1 = (1) + \uparrow m2_{+31}(\downarrow M7_{-31})$

$4420 = 2^2 \bullet 5^1 \bullet 13^1 \bullet 17^1 = (1) + \updownarrow 8ve(uni)^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 = (1) + \uparrow m2_{+32}(\downarrow M7_{-32})$

$4421 = 4421^1 = (1) + \uparrow m2_{+32}(\downarrow M7_{-32})$

$4422 = 2^1 \bullet 3^1 \bullet 11^1 \bullet 67^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m2_{-21}(\downarrow M7_{+21})^1 = (1) + \uparrow m2_{+33}(\downarrow M7_{-33})$

$4423 = 4423^1 = (1) + \uparrow m2_{+33}(\downarrow M7_{-33})$

$4424 = 2^3 \bullet 7^1 \bullet 79^1 = (1) + \updownarrow 8ve(uni)^3 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M3_{-35}(\downarrow m6_{+35})^1 = (1) + \uparrow m2_{+33}(\downarrow M7_{-33})$

$4425 = 3^1 \bullet 5^2 \bullet 59^1 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow M7_{-41}(\downarrow m2_{+41})^1 = (1) + \uparrow m2_{+34}(\downarrow M7_{-34})$

$4426 = 2^1 \bullet 2213^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow m2_{+34}(\downarrow M7_{-34})^1 = (1) + \uparrow m2_{+34}(\downarrow M7_{-34})$

$4427 = 19^1 \bullet 233^1 = (1) + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow m7_{+37}(\downarrow M2_{-37})^1 = (1) + \uparrow m2_{+35}(\downarrow M7_{-35})$

$4428 = 2^2 \bullet 3^3 \bullet 41^1 = (1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow M3_{+29}(\downarrow m6_{-29})^1 = (1) + \uparrow m2_{+35}(\downarrow M7_{-35})$

$4429 = 43^1 \bullet 103^1 = (1) + \uparrow P4_{+12}(\downarrow P5_{-12})^1 + \uparrow m6_{+24}(\downarrow M3_{-24})^1 = (1) + \uparrow m2_{+35}(\downarrow M7_{-35})$

$4430 = 2^1 \bullet 5^1 \bullet 443^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M6_{+49}(\downarrow m3_{-49})^1 = (1) + \uparrow m2_{+36}(\downarrow M7_{-36})$

$4431 = 3^1 \bullet 7^1 \bullet 211^1 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M6_{-35}(\downarrow m3_{+35})^1 = (1) + \uparrow m2_{+36}(\downarrow M7_{-36})$

$4432 = 2^4 \bullet 277^1 = (1) + \updownarrow 8ve(uni)^4 + \uparrow m2_{+36}(\downarrow M7_{-36})^1 = (1) + \uparrow m2_{+36}(\downarrow M7_{-36})$

$4433 = 11^1 \bullet 13^1 \bullet 31^1 = (1) + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow M7_{+45}(\downarrow m2_{-45})^1 = (1) + \uparrow m2_{+37}(\downarrow M7_{-37})$

$4434 = 2^1 \bullet 3^1 \bullet 739^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{+35}(\downarrow tt_{-35})^1 = (1) + \uparrow m2_{+37}(\downarrow M7_{-37})$

$4435 = 5^1 \bullet 887^1 = (1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-49}(\downarrow M2_{+49})^1 = (1) + \uparrow m2_{+38}(\downarrow M7_{-38})$

$4436 = 2^2 \bullet 1109^1 = (1) + \updownarrow 8ve(uni)^2 + \uparrow m2_{+38}(\downarrow M7_{-38})^1 = (1) + \uparrow m2_{+38}(\downarrow M7_{-38})$

$4437 = 3^2 \bullet 17^1 \bullet 29^1 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1 = (1) + \uparrow m2_{+38}(\downarrow M7_{-38})$

$4438 = 2^1 \bullet 7^1 \bullet 317^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M3_{-30}(\downarrow m6_{+30})^1 = (1) + \uparrow m2_{+39}(\downarrow M7_{-39})$

$4439 = 23^1 \bullet 193^1 = (1) + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow P5_{+11}(\downarrow P4_{-11})^1 = (1) + \uparrow m2_{+39}(\downarrow M7_{-39})$

$4440 = 2^3 \bullet 3^1 \bullet 5^1 \bullet 37^1 = (1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m3_{-49}(\downarrow M6_{+49})^1 = (1) + \uparrow m2_{+40}(\downarrow M7_{-40})$

$4441 = 4441^1 = (1) + \uparrow m2_{+40}(\downarrow M7_{-40})$

$4442 = 2^1 \bullet 2221^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow m2_{+40}(\downarrow M7_{-40})^1 = (1) + \uparrow m2_{+40}(\downarrow M7_{-40})$

$4443 = 3^1 \bullet 1481^1 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{+39}(\downarrow tt_{-39})^1 = (1) + \uparrow m2_{+41}(\downarrow M7_{-41})$

$4444 = 2^2 \bullet 11^1 \bullet 101^1 = (1) + \updownarrow 8ve(uni)^2 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m6_{-10}(\downarrow M3_{+10})^1 = (1) + \uparrow m2_{+41}(\downarrow M7_{-41})$

$4445 = 5^1 \bullet 7^1 \bullet 127^1 = (1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow 8ve_{-14}(\downarrow uni_{+14})^1 = (1) + \uparrow m2_{+42}(\downarrow M7_{-42})$

$4446 = 2^1 \bullet 3^2 \bullet 13^1 \bullet 19^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 = (1) + \uparrow m2_{+42}(\downarrow M7_{-42})$

$4447 = 4447^{1} = \mathbf{(1) + \uparrow m2_{+42}(\downarrow M7_{-42})}$

$4448 = 2^{5}\bullet 139^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{5} + \uparrow m2_{+43}(\downarrow M7_{-43})^{1}} = (1) + \uparrow m2_{+43}(\downarrow M7_{-43})$

$4449 = 3^{1}\bullet 1483^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{+41}(\downarrow tt_{-41})^{1}} = (1) + \uparrow m2_{+43}(\downarrow M7_{-43})$

$4450 = 2^{1}\bullet 5^{2}\bullet 89^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow tt_{-29}(\downarrow tt_{+29})^{1}} = (1) + \uparrow m2_{+44}(\downarrow M7_{-44})$

$4451 = 4451^{1} = \mathbf{(1) + \uparrow m2_{+44}(\downarrow M7_{-44})}$

$4452 = 2^{2}\bullet 3^{1}\bullet 7^{1}\bullet 53^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M6_{-26}(\downarrow m3_{+26})^{1}} = (1) + \uparrow m2_{+44}(\downarrow M7_{-44})$

$4453 = 61^{1}\bullet 73^{1} = \mathbf{(1) + \uparrow M7_{+17}(\downarrow m2_{-17})^{1} + \uparrow M2_{+28}(\downarrow m7_{-28})^{1}} = (1) + \uparrow m2_{+45}(\downarrow M7_{-45})$

$4454 = 2^{1}\bullet 17^{1}\bullet 131^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow uni_{+40}(\downarrow 8ve_{-40})^{1}} = (1) + \uparrow m2_{+45}(\downarrow M7_{-45})$

$4455 = 3^{4}\bullet 5^{1}\bullet 11^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{4} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1}} = (1) + \uparrow m2_{+45}(\downarrow M7_{-45})$

$4456 = 2^{3}\bullet 557^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow m2_{+46}(\downarrow M7_{-46})^{1}} = (1) + \uparrow m2_{+46}(\downarrow M7_{-46})$

$4457 = 4457^{1} = \mathbf{(1) + \uparrow m2_{+46}(\downarrow M7_{-46})}$

$4458 = 2^{1}\bullet 3^{1}\bullet 743^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{+45}(\downarrow tt_{-45})^{1}} = (1) + \uparrow m2_{+47}(\downarrow M7_{-47})$

$4459 = 7^{3}\bullet 13^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{3} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1}} = (1) + \uparrow m2_{+47}(\downarrow M7_{-47})$

$4460 = 2^{2}\bullet 5^{1}\bullet 223^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-39}(\downarrow M2_{+39})^{1}} = (1) + \uparrow m2_{+47}(\downarrow M7_{-47})$

$4461 = 3^{1}\bullet 1487^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{+46}(\downarrow tt_{-46})^{1}} = (1) + \uparrow m2_{+48}(\downarrow M7_{-48})$

$4462 = 2^{1}\bullet 23^{1}\bullet 97^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow P5_{+20}(\downarrow P4_{-20})^{1}} = (1) + \uparrow m2_{+48}(\downarrow M7_{-48})$

$4463 = 4463^{1} = \mathbf{(1) + \uparrow m2_{+49}(\downarrow M7_{-49})}$

$4464 = 2^{4}\bullet 3^{2}\bullet 31^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1}} = (1) + \uparrow m2_{+49}(\downarrow M7_{-49})$

$4465 = 5^{1}\bullet 19^{1}\bullet 47^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow P5_{-34}(\downarrow P4_{+34})^{1}} = (1) + \uparrow m2_{+49}(\downarrow M7_{-49})$

$4466 = 2^{1}\bullet 7^{1}\bullet 11^{1}\bullet 29^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1}} = (1) + \uparrow m2_{+50}(\downarrow M7_{-50})$

$4467 = 3^{1}\bullet 1489^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{+48}(\downarrow tt_{-48})^{1}} = (1) + \uparrow M2_{-50}(\downarrow m7_{+50})$

$4468 = 2^{2}\bullet 1117^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M2_{-50}(\downarrow m7_{+50})^{1}} = (1) + \uparrow M2_{-50}(\downarrow m7_{+50})$

$4469 = 41^{1}\bullet 109^{1} = \mathbf{(1) + \uparrow M3_{+29}(\downarrow m6_{-29})^{1} + \uparrow M6_{+22}(\downarrow m3_{-22})^{1}} = (1) + \uparrow M2_{-49}(\downarrow m7_{+49})$

$4470 = 2^{1}\bullet 3^{1}\bullet 5^{1}\bullet 149^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m3_{-37}(\downarrow M6_{+37})^{1}} = (1) + \uparrow M2_{-49}(\downarrow m7_{+49})$

$4471 = 17^{1}\bullet 263^{1} = \mathbf{(1) + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow uni_{+47}(\downarrow 8ve_{-47})^{1}} = (1) + \uparrow M2_{-48}(\downarrow m7_{+48})$

$4472 = 2^{3}\bullet 13^{1}\bullet 43^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow P4_{+12}(\downarrow P5_{-12})^{1}} = (1) + \uparrow M2_{-48}(\downarrow m7_{+48})$

$4473 = 3^{2}\bullet 7^{1}\bullet 71^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M2_{-20}(\downarrow m7_{+20})^{1}} = (1) + \uparrow M2_{-48}(\downarrow m7_{+48})$

$4474 = 2^{1}\bullet 2237^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M2_{-47}(\downarrow m7_{+47})^{1}} = (1) + \uparrow M2_{-47}(\downarrow m7_{+47})$

$4475 = 5^{2}\bullet 179^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow tt_{-19}(\downarrow tt_{+19})^{1}} = (1) + \uparrow M2_{-47}(\downarrow m7_{+47})$

$4476 = 2^{2}\bullet 3^{1}\bullet 373^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow P5_{-48}(\downarrow P4_{+48})^{1}} = (1) + \uparrow M2_{-46}(\downarrow m7_{+46})$

$4477 = 11^{2}\bullet 37^{1} = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^{2} + \uparrow m3_{-49}(\downarrow M6_{+49})^{1}} = (1) + \uparrow M2_{-46}(\downarrow m7_{+46})$

$4478 = 2^{1}\bullet 2239^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M2_{-46}(\downarrow m7_{+46})^{1}} = (1) + \uparrow M2_{-46}(\downarrow m7_{+46})$

$4479 = 3^{1}\bullet 1493^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow P5_{-47}(\downarrow P4_{+47})^{1}} = (1) + \uparrow M2_{-45}(\downarrow m7_{+45})$

$4480 = 2^{7}\bullet 5^{1}\bullet 7^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{7} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1}} = (1) + \uparrow M2_{-45}(\downarrow m7_{+45})$

$4481 = 4481^{1} = \mathbf{(1) + \uparrow M2_{-44}(\downarrow m7_{+44})}$

$4482 = 2^{1}\bullet 3^{3}\bullet 83^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow P4_{-50}(\downarrow P5_{+50})^{1}} = (1) + \uparrow M2_{-44}(\downarrow m7_{+44})$

$4483 = 4483^{1} = \mathbf{(1) + \uparrow M2_{-44}(\downarrow m7_{+44})}$

$4484 = 2^{2}\bullet 19^{1}\bullet 59^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow M7_{-41}(\downarrow m2_{+41})^{1}} = (1) + \uparrow M2_{-43}(\downarrow m7_{+43})$

$4485 = 3^{1}\bullet 5^{1}\bullet 13^{1}\bullet 23^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1}} = (1) + \uparrow M2_{-43}(\downarrow m7_{+43})$

$4486 = 2^{1}\bullet 2243^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M2_{-43}(\downarrow m7_{+43})^{1}} = (1) + \uparrow M2_{-43}(\downarrow m7_{+43})$

$4487 = 7^{1}\bullet 641^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M3_{-11}(\downarrow m6_{+11})^{1}} = (1) + \uparrow M2_{-42}(\downarrow m7_{+42})$

$4488 = 2^{3}\bullet 3^{1}\bullet 11^{1}\bullet 17^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1}} = (1) + \uparrow M2_{-42}(\downarrow m7_{+42})$

$4489 = 67^2 = \mathbf{(1) + \uparrow m2_{-21}(\downarrow M7_{+21})^2} = (1) + \uparrow M2_{-41}(\downarrow m7_{+41})$

$4490 = 2^1 \bullet 5^1 \bullet 449^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-27}(\downarrow M2_{+27})^1} = (1) + \uparrow M2_{-41}(\downarrow m7_{+41})$

$4491 = 3^2 \bullet 499^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow 8ve_{-45}(\downarrow uni_{+45})^1} = (1) + \uparrow M2_{-41}(\downarrow m7_{+41})$

$4492 = 2^2 \bullet 1123^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M2_{-40}(\downarrow m7_{+40})^1} = (1) + \uparrow M2_{-40}(\downarrow m7_{+40})$

$4493 = 4493^1 = \mathbf{(1) + \uparrow M2_{-40}(\downarrow m7_{+40})}$

$4494 = 2^1 \bullet 3^1 \bullet 7^1 \bullet 107^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M6_{-10}(\downarrow m3_{+10})^1} = (1) + \uparrow M2_{-39}(\downarrow m7_{+39})$

$4495 = 5^1 \bullet 29^1 \bullet 31^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1 + \uparrow M7_{+45}(\downarrow m2_{-45})^1} = (1) + \uparrow M2_{-39}(\downarrow m7_{+39})$

$4496 = 2^4 \bullet 281^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow M2_{-39}(\downarrow m7_{+39})^1} = (1) + \uparrow M2_{-39}(\downarrow m7_{+39})$

$4497 = 3^1 \bullet 1499^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow P5_{-40}(\downarrow P4_{+40})^1} = (1) + \uparrow M2_{-38}(\downarrow m7_{+38})$

$4498 = 2^1 \bullet 13^1 \bullet 173^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow P4_{+22}(\downarrow P5_{-22})^1} = (1) + \uparrow M2_{-38}(\downarrow m7_{+38})$

$4499 = 11^1 \bullet 409^1 = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m6_{+11}(\downarrow M3_{-11})^1} = (1) + \uparrow M2_{-38}(\downarrow m7_{+38})$

$4500 = 2^2 \bullet 3^2 \bullet 5^3 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^3} = (1) + \uparrow M2_{-37}(\downarrow m7_{+37})$

$4501 = 7^1 \bullet 643^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M3_{-6}(\downarrow m6_{+6})^1} = (1) + \uparrow M2_{-37}(\downarrow m7_{+37})$

$4502 = 2^1 \bullet 2251^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M2_{-36}(\downarrow m7_{+36})^1} = (1) + \uparrow M2_{-36}(\downarrow m7_{+36})$

$4503 = 2^1 \bullet 2251^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M2_{-36}(\downarrow m7_{+36})^1} = (1) + \uparrow M2_{-36}(\downarrow m7_{+36})$

$4504 = 2^3 \bullet 563^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow M2_{-36}(\downarrow m7_{+36})^1} = (1) + \uparrow M2_{-36}(\downarrow m7_{+36})$

$4505 = 5^1 \bullet 17^1 \bullet 53^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow M6_{-26}(\downarrow m3_{+26})^1} = (1) + \uparrow M2_{-35}(\downarrow m7_{+35})$

$4506 = 2^1 \bullet 3^1 \bullet 751^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow P5_{-37}(\downarrow P4_{+37})^1} = (1) + \uparrow M2_{-35}(\downarrow m7_{+35})$

$4507 = 4507^1 = \mathbf{(1) + \uparrow M2_{-34}(\downarrow m7_{+34})}$

$4508 = 2^2 \bullet 7^2 \bullet 23^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m7_{-31}(\downarrow M2_{+31})^2 + \uparrow tt_{+28}(\downarrow tt_{-28})^1} = (1) + \uparrow M2_{-34}(\downarrow m7_{+34})$

$4509 = 3^3 \bullet 167^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow P4_{-40}(\downarrow P5_{+40})^1} = (1) + \uparrow M2_{-34}(\downarrow m7_{+34})$

$4510 = 2^1 \bullet 5^1 \bullet 11^1 \bullet 41^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow M3_{+29}(\downarrow m6_{-29})^1} = (1) + \uparrow M2_{-33}(\downarrow m7_{+33})$

$4511 = 13^1 \bullet 347^1 = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow P4_{+27}(\downarrow P5_{-27})^1} = (1) + \uparrow M2_{-33}(\downarrow m7_{+33})$

$4512 = 2^5 \bullet 3^1 \bullet 47^1 = \mathbf{(1) + \updownarrow 8ve(uni)^5 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow P5_{-34}(\downarrow P4_{+34})^1} = (1) + \uparrow M2_{-33}(\downarrow m7_{+33})$

$4513 = 4513^1 = \mathbf{(1) + \uparrow M2_{-32}(\downarrow m7_{+32})}$

$4514 = 2^1 \bullet 37^1 \bullet 61^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m3_{-49}(\downarrow M6_{+49})^1 + \uparrow M7_{+17}(\downarrow m2_{-17})^1} = (1) + \uparrow M2_{-32}(\downarrow m7_{+32})$

$4515 = 3^1 \bullet 5^1 \bullet 7^1 \bullet 43^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow P4_{+12}(\downarrow P5_{-12})^1} =$
$(1) + \uparrow M2_{-31}(\downarrow m7_{+31})$

$4516 = 2^2 \bullet 1129^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M2_{-31}(\downarrow m7_{+31})^1} = (1) + \uparrow M2_{-31}(\downarrow m7_{+31})$

$4517 = 4517^1 = \mathbf{(1) + \uparrow M2_{-31}(\downarrow m7_{+31})}$

$4518 = 2^1 \bullet 3^2 \bullet 251^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow 8ve_{-34}(\downarrow uni_{+34})^1} = (1) + \uparrow M2_{-30}(\downarrow m7_{+30})$

$4519 = 4519^1 = \mathbf{(1) + \uparrow M2_{-30}(\downarrow m7_{+30})}$

$4520 = 2^3 \bullet 5^1 \bullet 113^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-16}(\downarrow M2_{+16})^1} = (1) + \uparrow M2_{-29}(\downarrow m7_{+29})$

$4521 = 3^1 \bullet 11^1 \bullet 137^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m2_{+18}(\downarrow M7_{-18})^1} = (1) + \uparrow M2_{-29}(\downarrow m7_{+29})$

$4522 = 2^1 \bullet 7^1 \bullet 17^1 \bullet 19^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1} = (1) + \uparrow M2_{-29}(\downarrow m7_{+29})$

$4523 = 4523^1 = \mathbf{(1) + \uparrow M2_{-28}(\downarrow m7_{+28})}$

$4524 = 2^2 \bullet 3^1 \bullet 13^1 \bullet 29^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1} = (1) + \uparrow M2_{-28}(\downarrow m7_{+28})$

$4525 = 5^2 \bullet 181^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow tt_{+0}(\downarrow tt_{-0})^1} = (1) + \uparrow M2_{-28}(\downarrow m7_{+28})$

$4526 = 2^1 \bullet 31^1 \bullet 73^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M7_{+45}(\downarrow m2_{-45})^1 + \uparrow M2_{+28}(\downarrow m7_{-28})^1} = (1) + \uparrow M2_{-27}(\downarrow m7_{+27})$

$4527 = 3^2 \bullet 503^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow 8ve_{-31}(\downarrow uni_{+31})^1} = (1) + \uparrow M2_{-27}(\downarrow m7_{+27})$

$4528 = 2^4 \bullet 283^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow M2_{-26}(\downarrow m7_{+26})^1} = (1) + \uparrow M2_{-26}(\downarrow m7_{+26})$

$4529 = 7^1 \bullet 647^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M3_{+5}(\downarrow m6_{-5})^1} = (1) + \uparrow M2_{-26}(\downarrow m7_{+26})$

$4530 = 2^1 \bullet 3^1 \bullet 5^1 \bullet 151^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m3_{-14}(\downarrow M6_{+14})^1} = (1) + \uparrow M2_{-26}(\downarrow m7_{+26})$

$4531 = 23^{1}\bullet 197^{1} = \mathbf{(1) + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow P5_{+46}(\downarrow P4_{-46})^{1}} = (1) + \uparrow M2_{-25}(\downarrow m7_{+25})$

$4532 = 2^{2}\bullet 11^{1}\bullet 103^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m6_{+24}(\downarrow M3_{-24})^{1}} = (1) + \uparrow M2_{-25}(\downarrow m7_{+25})$

$4533 = 3^{1}\bullet 1511^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow P5_{-26}(\downarrow P4_{+26})^{1}} = (1) + \uparrow M2_{-24}(\downarrow m7_{+24})$

$4534 = 2^{1}\bullet 2267^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M2_{-24}(\downarrow m7_{+24})^{1}} = (1) + \uparrow M2_{-24}(\downarrow m7_{+24})$

$4535 = 5^{1}\bullet 907^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-10}(\downarrow M2_{+10})^{1}} = (1) + \uparrow M2_{-24}(\downarrow m7_{+24})$

$4536 = 2^{3}\bullet 3^{4}\bullet 7^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{+2}(\downarrow P4_{-2})^{4} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1}} = (1) + \uparrow M2_{-23}(\downarrow m7_{+23})$

$4537 = 13^{1}\bullet 349^{1} = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow P4_{+36}(\downarrow P5_{-36})^{1}} = (1) + \uparrow M2_{-23}(\downarrow m7_{+23})$

$4538 = 2^{1}\bullet 2269^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M2_{-23}(\downarrow m7_{+23})^{1}} = (1) + \uparrow M2_{-23}(\downarrow m7_{+23})$

$4539 = 3^{1}\bullet 17^{1}\bullet 89^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow tt_{-29}(\downarrow tt_{+29})^{1}} = (1) + \uparrow M2_{-22}(\downarrow m7_{+22})$

$4540 = 2^{2}\bullet 5^{1}\bullet 227^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-8}(\downarrow M2_{+8})^{1}} = (1) + \uparrow M2_{-22}(\downarrow m7_{+22})$

$4541 = 19^{1}\bullet 239^{1} = \mathbf{(1) + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow M7_{-19}(\downarrow m2_{+19})^{1}} = (1) + \uparrow M2_{-21}(\downarrow m7_{+21})$

$4542 = 2^{1}\bullet 3^{1}\bullet 757^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow P5_{-23}(\downarrow P4_{+23})^{1}} = (1) + \uparrow M2_{-21}(\downarrow m7_{+21})$

$4543 = 7^{1}\bullet 11^{1}\bullet 59^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow M7_{-41}(\downarrow m2_{+41})^{1}} = (1) + \uparrow M2_{-21}(\downarrow m7_{+21})$

$4544 = 2^{6}\bullet 71^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{6} + \uparrow M2_{-20}(\downarrow m7_{+20})^{1}} = (1) + \uparrow M2_{-20}(\downarrow m7_{+20})$

$4545 = 3^{2}\bullet 5^{1}\bullet 101^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m6_{-10}(\downarrow M3_{+10})^{1}} = (1) + \uparrow M2_{-20}(\downarrow m7_{+20})$

$4546 = 2^{1}\bullet 2273^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M2_{-20}(\downarrow m7_{+20})^{1}} = (1) + \uparrow M2_{-20}(\downarrow m7_{+20})$

$4547 = 4547^{1} = \mathbf{(1) + \uparrow M2_{-19}(\downarrow m7_{+19})}$

$4548 = 2^{2}\bullet 3^{1}\bullet 379^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow P5_{-21}(\downarrow P4_{+21})^{1}} = (1) + \uparrow M2_{-19}(\downarrow m7_{+19})$

$4549 = 4549^{1} = \mathbf{(1) + \uparrow M2_{-18}(\downarrow m7_{+18})}$

$4550 = 2^{1}\bullet 5^{2}\bullet 7^{1}\bullet 13^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1}} = (1) + \uparrow M2_{-18}(\downarrow m7_{+18})$

$4551 = 3^{1}\bullet 37^{1}\bullet 41^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m3_{-49}(\downarrow M6_{+49})^{1} + \uparrow M3_{+29}(\downarrow m6_{-29})^{1}} = (1) + \uparrow M2_{-18}(\downarrow m7_{+18})$

$4552 = 2^{3}\bullet 569^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow M2_{-17}(\downarrow m7_{+17})^{1}} = (1) + \uparrow M2_{-17}(\downarrow m7_{+17})$

$4553 = 29^{1}\bullet 157^{1} = \mathbf{(1) + \uparrow m7_{+30}(\downarrow M2_{-30})^{1} + \uparrow M3_{-46}(\downarrow m6_{+46})^{1}} = (1) + \uparrow M2_{-17}(\downarrow m7_{+17})$

$4554 = 2^{1}\bullet 3^{2}\bullet 11^{1}\bullet 23^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1}} = (1) + \uparrow M2_{-16}(\downarrow m7_{+16})$

$4555 = 5^{1}\bullet 911^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-2}(\downarrow M2_{+2})^{1}} = (1) + \uparrow M2_{-16}(\downarrow m7_{+16})$

$4556 = 2^{2}\bullet 17^{1}\bullet 67^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow m2_{-21}(\downarrow M7_{+21})^{1}} = (1) + \uparrow M2_{-16}(\downarrow m7_{+16})$

$4557 = 3^{1}\bullet 7^{2}\bullet 31^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{2} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1}} = (1) + \uparrow M2_{-15}(\downarrow m7_{+15})$

$4558 = 2^{1}\bullet 43^{1}\bullet 53^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P4_{+12}(\downarrow P5_{-12})^{1} + \uparrow M6_{-26}(\downarrow m3_{+26})^{1}} = (1) + \uparrow M2_{-15}(\downarrow m7_{+15})$

$4559 = 47^{1}\bullet 97^{1} = \mathbf{(1) + \uparrow P5_{-34}(\downarrow P4_{+34})^{1} + \uparrow P5_{+20}(\downarrow P4_{-20})^{1}} = (1) + \uparrow M2_{-15}(\downarrow m7_{+15})$

$4560 = 2^{4}\bullet 3^{1}\bullet 5^{1}\bullet 19^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1}} = (1) + \uparrow M2_{-14}(\downarrow m7_{+14})$

$4561 = 4561^{1} = \mathbf{(1) + \uparrow M2_{-14}(\downarrow m7_{+14})}$

$4562 = 2^{1}\bullet 2281^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M2_{-13}(\downarrow m7_{+13})^{1}} = (1) + \uparrow M2_{-13}(\downarrow m7_{+13})$

$4563 = 3^{3}\bullet 13^{2} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow m6_{+41}(\downarrow M3_{-41})^{2}} = (1) + \uparrow M2_{-13}(\downarrow m7_{+13})$

$4564 = 2^{2}\bullet 7^{1}\bullet 163^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M3_{+18}(\downarrow m6_{-18})^{1}} = (1) + \uparrow M2_{-13}(\downarrow m7_{+13})$

$4565 = 5^{1}\bullet 11^{1}\bullet 83^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow P4_{-50}(\downarrow P5_{+50})^{1}} = (1) + \uparrow M2_{-12}(\downarrow m7_{+12})$

$4566 = 2^{1}\bullet 3^{1}\bullet 761^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow P5_{-14}(\downarrow P4_{+14})^{1}} = (1) + \uparrow M2_{-12}(\downarrow m7_{+12})$

$4567 = 4567^{1} = \mathbf{(1) + \uparrow M2_{-12}(\downarrow m7_{+12})}$

$4568 = 2^{3}\bullet 571^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow M2_{-11}(\downarrow m7_{+11})^{1}} = (1) + \uparrow M2_{-11}(\downarrow m7_{+11})$

$4569 = 3^{1}\bullet 1523^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow P5_{-13}(\downarrow P4_{+13})^{1}} = (1) + \uparrow M2_{-11}(\downarrow m7_{+11})$

$4570 = 2^{1}\bullet 5^{1}\bullet 457^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{+3}(\downarrow M2_{-3})^{1}} = (1) + \uparrow M2_{-10}(\downarrow m7_{+10})$

$4571 = 7^{1}\bullet 653^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M3_{+21}(\downarrow m6_{-21})^{1}} = (1) + \uparrow M2_{-10}(\downarrow m7_{+10})$

$4572 = 2^{2}\bullet 3^{2}\bullet 127^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow 8ve_{-14}(\downarrow uni_{+14})^{1}} = (1) + \uparrow M2_{-10}(\downarrow m7_{+10})$

$4573 = 17^{1}\bullet 269^{1} = \mathbf{(1) + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow m2_{-14}(\downarrow M7_{+14})^{1}} = (1) + \uparrow M2_{-9}(\downarrow m7_{+9})$

$4574 = 2^{1}\bullet 2287^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M2_{-9}(\downarrow m7_{+9})^{1}} = (1) + \uparrow M2_{-9}(\downarrow m7_{+9})$

$4575 = 3^{1}\bullet 5^{2}\bullet 61^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow M7_{+17}(\downarrow m2_{-17})^{1}} = (1) + \uparrow M2_{-9}(\downarrow m7_{+9})$

$4576 = 2^{5}\bullet 11^{1}\bullet 13^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{5} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1}} = (1) + \uparrow M2_{-8}(\downarrow m7_{+8})$

$4577 = 23^{1}\bullet 199^{1} = \mathbf{(1) + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow m6_{-36}(\downarrow M3_{+36})^{1}} = (1) + \uparrow M2_{-8}(\downarrow m7_{+8})$

$4578 = 2^{1}\bullet 3^{1}\bullet 7^{1}\bullet 109^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M6_{+22}(\downarrow m3_{-22})^{1}} = (1) + \uparrow M2_{-7}(\downarrow m7_{+7})$

$4579 = 19^{1}\bullet 241^{1} = \mathbf{(1) + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow M7_{-5}(\downarrow m2_{+5})^{1}} = (1) + \uparrow M2_{-7}(\downarrow m7_{+7})$

$4580 = 2^{2}\bullet 5^{1}\bullet 229^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{+7}(\downarrow M2_{-7})^{1}} = (1) + \uparrow M2_{-7}(\downarrow m7_{+7})$

$4581 = 3^{2}\bullet 509^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow 8ve_{-10}(\downarrow uni_{+10})^{1}} = (1) + \uparrow M2_{-6}(\downarrow m7_{+6})$

$4582 = 2^{1}\bullet 29^{1}\bullet 79^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1} + \uparrow M3_{-35}(\downarrow m6_{+35})^{1}} = (1) + \uparrow M2_{-6}(\downarrow m7_{+6})$

$4583 = 4583^{1} = \mathbf{(1) + \uparrow M2_{-6}(\downarrow m7_{+6})}$

$4584 = 2^{3}\bullet 3^{1}\bullet 191^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow P5_{-7}(\downarrow P4_{+7})^{1}} = (1) + \uparrow M2_{-5}(\downarrow m7_{+5})$

$4585 = 5^{1}\bullet 7^{1}\bullet 131^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow uni_{+40}(\downarrow 8ve_{-40})^{1}} = (1) + \uparrow M2_{-5}(\downarrow m7_{+5})$

$4586 = 2^{1}\bullet 2293^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M2_{-4}(\downarrow m7_{+4})^{1}} = (1) + \uparrow M2_{-4}(\downarrow m7_{+4})$

$4587 = 3^{1}\bullet 11^{1}\bullet 139^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m2_{+43}(\downarrow M7_{-43})^{1}} = (1) + \uparrow M2_{-4}(\downarrow m7_{+4})$

$4588 = 2^{2}\bullet 31^{1}\bullet 37^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1} + \uparrow m3_{-49}(\downarrow M6_{+49})^{1}} = (1) + \uparrow M2_{-4}(\downarrow m7_{+4})$

$4589 = 13^{1}\bullet 353^{1} = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow tt_{-44}(\downarrow tt_{+44})^{1}} = (1) + \uparrow M2_{-3}(\downarrow m7_{+3})$

$4590 = 2^{1}\bullet 3^{3}\bullet 5^{1}\bullet 17^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1}} = (1) + \uparrow M2_{-3}(\downarrow m7_{+3})$

$4591 = 4591^{1} = \mathbf{(1) + \uparrow M2_{-2}(\downarrow m7_{+2})}$

$4592 = 2^{4}\bullet 7^{1}\bullet 41^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M3_{+29}(\downarrow m6_{-29})^{1}} = (1) + \uparrow M2_{-2}(\downarrow m7_{+2})$

$4593 = 3^{1}\bullet 1531^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow P5_{-4}(\downarrow P4_{+4})^{1}} = (1) + \uparrow M2_{-2}(\downarrow m7_{+2})$

$4594 = 2^{1}\bullet 2297^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M2_{-1}(\downarrow m7_{+1})^{1}} = (1) + \uparrow M2_{-1}(\downarrow m7_{+1})$

$4595 = 5^{1}\bullet 919^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{+13}(\downarrow M2_{-13})^{1}} = (1) + \uparrow M2_{-1}(\downarrow m7_{+1})$

$4596 = 2^{2}\bullet 3^{1}\bullet 383^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow P5_{-3}(\downarrow P4_{+3})^{1}} = (1) + \uparrow M2_{-1}(\downarrow m7_{+1})$

$4597 = 4597^{1} = \mathbf{(1) + \uparrow M2_{+0}(\downarrow m7_{-0})}$

$4598 = 2^{1}\bullet 11^{2}\bullet 19^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{2} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1}} = (1) + \uparrow M2_{+0}(\downarrow m7_{-0})$

$4599 = 3^{2}\bullet 7^{1}\bullet 73^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M2_{+28}(\downarrow m7_{-28})^{1}} = (1) + \uparrow M2_{+1}(\downarrow m7_{-1})$

$4600 = 2^{3}\bullet 5^{2}\bullet 23^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1}} = (1) + \uparrow M2_{+1}(\downarrow m7_{-1})$

$4601 = 43^{1}\bullet 107^{1} = \mathbf{(1) + \uparrow P4_{+12}(\downarrow P5_{-12})^{1} + \uparrow M6_{-10}(\downarrow m3_{+10})^{1}} = (1) + \uparrow M2_{+1}(\downarrow m7_{-1})$

$4602 = 2^{1}\bullet 3^{1}\bullet 13^{1}\bullet 59^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow M7_{-41}(\downarrow m2_{+41})^{1}} = (1) + \uparrow M2_{+2}(\downarrow m7_{-2})$

$4603 = 4603^{1} = \mathbf{(1) + \uparrow M2_{+2}(\downarrow m7_{-2})}$

$4604 = 2^{2}\bullet 1151^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M2_{+2}(\downarrow m7_{-2})^{1}} = (1) + \uparrow M2_{+2}(\downarrow m7_{-2})$

$4605 = 3^{1}\bullet 5^{1}\bullet 307^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m3_{+15}(\downarrow M6_{-15})^{1}} = (1) + \uparrow M2_{+3}(\downarrow m7_{-3})$

$4606 = 2^{1}\bullet 7^{2}\bullet 47^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{2} + \uparrow P5_{-34}(\downarrow P4_{+34})^{1}} = (1) + \uparrow M2_{+3}(\downarrow m7_{-3})$

$4607 = 17^{1}\bullet 271^{1} = \mathbf{(1) + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow m2_{-1}(\downarrow M7_{+1})^{1}} = (1) + \uparrow M2_{+4}(\downarrow m7_{-4})$

$4608 = 2^{9}\bullet 3^{2} = \mathbf{(1) + \updownarrow 8ve(uni)^{9} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2}} = (1) + \uparrow M2_{+4}(\downarrow m7_{-4})$

$4609 = 11^{1}\bullet 419^{1} = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow M6_{-47}(\downarrow m3_{+47})^{1}} = (1) + \uparrow M2_{+4}(\downarrow m7_{-4})$

$4610 = 2^{1}\bullet 5^{1}\bullet 461^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{+18}(\downarrow M2_{-18})^{1}} = (1) + \uparrow M2_{+5}(\downarrow m7_{-5})$

$4611 = 3^{1}\bullet 29^{1}\bullet 53^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1} + \uparrow M6_{-26}(\downarrow m3_{+26})^{1}} = (1) + \uparrow M2_{+5}(\downarrow m7_{-5})$

$4612 = 2^{2}\bullet 1153^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M2_{+5}(\downarrow m7_{-5})^{1}} = (1) + \uparrow M2_{+5}(\downarrow m7_{-5})$

$4613 = 7^{1}\bullet 659^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M3_{+37}(\downarrow m6_{-37})^{1}} = (1) + \uparrow M2_{+6}(\downarrow m7_{-6})$

$4614 = 2^{1}\bullet 3^{1}\bullet 769^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow P5_{+4}(\downarrow P4_{-4})^{1}} = (1) + \uparrow M2_{+6}(\downarrow m7_{-6})$

$4615 = 5^1 \bullet 13^1 \bullet 71^1 = (1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow M2_{-20}(\downarrow m7_{+20})^1 = (1) + \uparrow M2_{+7}(\downarrow m7_{-7})$

$4616 = 2^3 \bullet 577^1 = (1) + \updownarrow 8ve(uni)^3 + \uparrow M2_{+7}(\downarrow m7_{-7})^1 = (1) + \uparrow M2_{+7}(\downarrow m7_{-7})$

$4617 = 3^5 \bullet 19^1 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^5 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 = (1) + \uparrow M2_{+7}(\downarrow m7_{-7})$

$4618 = 2^1 \bullet 2309^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow M2_{+8}(\downarrow m7_{-8})^1 = (1) + \uparrow M2_{+8}(\downarrow m7_{-8})$

$4619 = 31^1 \bullet 149^1 = (1) + \uparrow M7_{+45}(\downarrow m2_{-45})^1 + \uparrow m3_{-37}(\downarrow M6_{+37})^1 = (1) + \uparrow M2_{+8}(\downarrow m7_{-8})$

$4620 = 2^2 \bullet 3^1 \bullet 5^1 \bullet 7^1 \bullet 11^1 = (1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 = (1) + \uparrow M2_{+8}(\downarrow m7_{-8})$

$4621 = 4621^1 = (1) + \uparrow M2_{+9}(\downarrow m7_{-9})$

$4622 = 2^1 \bullet 2311^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow M2_{+9}(\downarrow m7_{-9})^1 = (1) + \uparrow M2_{+9}(\downarrow m7_{-9})$

$4623 = 3^1 \bullet 23^1 \bullet 67^1 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow m2_{-21}(\downarrow M7_{+21})^1 = (1) + \uparrow M2_{+10}(\downarrow m7_{-10})$

$4624 = 2^4 \bullet 17^2 = (1) + \updownarrow 8ve(uni)^4 + \uparrow m2_{+5}(\downarrow M7_{-5})^2 = (1) + \uparrow M2_{+10}(\downarrow m7_{-10})$

$4625 = 5^3 \bullet 37^1 = (1) + \uparrow M3_{-14}(\downarrow m6_{+14})^3 + \uparrow m3_{-49}(\downarrow M6_{+49})^1 = (1) + \uparrow M2_{+10}(\downarrow m7_{-10})$

$4626 = 2^1 \bullet 3^2 \bullet 257^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow uni_{+7}(\downarrow 8ve_{-7})^1 = (1) + \uparrow M2_{+11}(\downarrow m7_{-11})$

$4627 = 7^1 \bullet 661^1 = (1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M3_{+42}(\downarrow m6_{-42})^1 = (1) + \uparrow M2_{+11}(\downarrow m7_{-11})$

$4628 = 2^2 \bullet 13^1 \bullet 89^1 = (1) + \updownarrow 8ve(uni)^2 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow tt_{-29}(\downarrow tt_{+29})^1 = (1) + \uparrow M2_{+11}(\downarrow m7_{-11})$

$4629 = 3^1 \bullet 1543^1 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow P5_{+10}(\downarrow P4_{-10})^1 = (1) + \uparrow M2_{+12}(\downarrow m7_{-12})$

$4630 = 2^1 \bullet 5^1 \bullet 463^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{+26}(\downarrow M2_{-26})^1 = (1) + \uparrow M2_{+12}(\downarrow m7_{-12})$

$4631 = 11^1 \bullet 421^1 = (1) + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow M6_{-39}(\downarrow m3_{+39})^1 = (1) + \uparrow M2_{+13}(\downarrow m7_{-13})$

$4632 = 2^3 \bullet 3^1 \bullet 193^1 = (1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow P5_{+11}(\downarrow P4_{-11})^1 = (1) + \uparrow M2_{+13}(\downarrow m7_{-13})$

$4633 = 41^1 \bullet 113^1 = (1) + \uparrow M3_{+29}(\downarrow m6_{-29})^1 + \uparrow m7_{-16}(\downarrow M2_{+16})^1 = (1) + \uparrow M2_{+13}(\downarrow m7_{-13})$

$4634 = 2^1 \bullet 7^1 \bullet 331^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M3_{+45}(\downarrow m6_{-45})^1 = (1) + \uparrow M2_{+14}(\downarrow m7_{-14})$

$4635 = 3^2 \bullet 5^1 \bullet 103^1 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m6_{+24}(\downarrow M3_{-24})^1 = (1) + \uparrow M2_{+14}(\downarrow m7_{-14})$

$4636 = 2^2 \bullet 19^1 \bullet 61^1 = (1) + \updownarrow 8ve(uni)^2 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow M7_{+17}(\downarrow m2_{-17})^1 = (1) + \uparrow M2_{+14}(\downarrow m7_{-14})$

$4637 = 4637^1 = (1) + \uparrow M2_{+15}(\downarrow m7_{-15})$

$4638 = 2^1 \bullet 3^1 \bullet 773^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow P5_{+13}(\downarrow P4_{-13})^1 = (1) + \uparrow M2_{+15}(\downarrow m7_{-15})$

$4639 = 4639^1 = (1) + \uparrow M2_{+16}(\downarrow m7_{-16})$

$4640 = 2^5 \bullet 5^1 \bullet 29^1 = (1) + \updownarrow 8ve(uni)^5 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1 = (1) + \uparrow M2_{+16}(\downarrow m7_{-16})$

$4641 = 3^1 \bullet 7^1 \bullet 13^1 \bullet 17^1 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 = (1) + \uparrow M2_{+16}(\downarrow m7_{-16})$

$4642 = 2^1 \bullet 11^1 \bullet 211^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow M6_{-35}(\downarrow m3_{+35})^1 = (1) + \uparrow M2_{+17}(\downarrow m7_{-17})$

$4643 = 4643^1 = (1) + \uparrow M2_{+17}(\downarrow m7_{-17})$

$4644 = 2^2 \bullet 3^3 \bullet 43^1 = (1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow P4_{+12}(\downarrow P5_{-12})^1 = (1) + \uparrow M2_{+17}(\downarrow m7_{-17})$

$4645 = 5^1 \bullet 929^1 = (1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{+31}(\downarrow M2_{-31})^1 = (1) + \uparrow M2_{+18}(\downarrow m7_{-18})$

$4646 = 2^1 \bullet 23^1 \bullet 101^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow m6_{-10}(\downarrow M3_{+10})^1 = (1) + \uparrow M2_{+18}(\downarrow m7_{-18})$

$4647 = 3^1 \bullet 1549^1 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow P5_{+17}(\downarrow P4_{-17})^1 = (1) + \uparrow M2_{+19}(\downarrow m7_{-19})$

$4648 = 2^3 \bullet 7^1 \bullet 83^1 = (1) + \updownarrow 8ve(uni)^3 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow P4_{-50}(\downarrow P5_{+50})^1 = (1) + \uparrow M2_{+19}(\downarrow m7_{-19})$

$4649 = 4649^1 = (1) + \uparrow M2_{+19}(\downarrow m7_{-19})$

$4650 = 2^1 \bullet 3^1 \bullet 5^2 \bullet 31^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow M7_{+45}(\downarrow m2_{-45})^1 = (1) + \uparrow M2_{+20}(\downarrow m7_{-20})$

$4651 = 4651^1 = (1) + \uparrow M2_{+20}(\downarrow m7_{-20})$

$4652 = 2^2 \bullet 1163^1 = (1) + \updownarrow 8ve(uni)^2 + \uparrow M2_{+20}(\downarrow m7_{-20})^1 = (1) + \uparrow M2_{+20}(\downarrow m7_{-20})$

$4653 = 3^2 \bullet 11^1 \bullet 47^1 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow P5_{-34}(\downarrow P4_{+34})^1 = (1) + \uparrow M2_{+21}(\downarrow m7_{-21})$

$4654 = 2^1 \bullet 13^1 \bullet 179^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow tt_{-19}(\downarrow tt_{+19})^1 = (1) + \uparrow M2_{+21}(\downarrow m7_{-21})$

$4655 = 5^1 \bullet 7^2 \bullet 19^1 = (1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^2 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 = (1) + \uparrow M2_{+21}(\downarrow m7_{-21})$

$4656 = 2^4 \bullet 3^1 \bullet 97^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow P5_{+20}(\downarrow P4_{-20})^1} = (1) + \uparrow M2_{+22}(\downarrow m7_{-22})$

$4657 = 4657^1 = \mathbf{(1) + \uparrow M2_{+22}(\downarrow m7_{-22})}$

$4658 = 2^1 \bullet 17^1 \bullet 137^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow m2_{+18}(\downarrow M7_{-18})^1} = (1) + \uparrow M2_{+23}(\downarrow m7_{-23})$

$4659 = 3^1 \bullet 1553^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow P5_{+21}(\downarrow P4_{-21})^1} = (1) + \uparrow M2_{+23}(\downarrow m7_{-23})$

$4660 = 2^2 \bullet 5^1 \bullet 233^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{+37}(\downarrow M2_{-37})^1} = (1) + \uparrow M2_{+23}(\downarrow m7_{-23})$

$4661 = 59^1 \bullet 79^1 = \mathbf{(1) + \uparrow M7_{-41}(\downarrow m2_{+41})^1 + \uparrow M3_{-35}(\downarrow m6_{+35})^1} = (1) + \uparrow M2_{+24}(\downarrow m7_{-24})$

$4662 = 2^1 \bullet 3^2 \bullet 7^1 \bullet 37^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m3_{-49}(\downarrow M6_{+49})^1} = (1) + \uparrow M2_{+24}(\downarrow m7_{-24})$

$4663 = 4663^1 = \mathbf{(1) + \uparrow M2_{+24}(\downarrow m7_{-24})}$

$4664 = 2^3 \bullet 11^1 \bullet 53^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow M6_{-26}(\downarrow m3_{+26})^1} = (1) + \uparrow M2_{+25}(\downarrow m7_{-25})$

$4665 = 3^1 \bullet 5^1 \bullet 311^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m3_{+37}(\downarrow M6_{-37})^1} = (1) + \uparrow M2_{+25}(\downarrow m7_{-25})$

$4666 = 2^1 \bullet 2333^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M2_{+26}(\downarrow m7_{-26})^1} = (1) + \uparrow M2_{+26}(\downarrow m7_{-26})$

$4667 = 13^1 \bullet 359^1 = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow tt_{-15}(\downarrow tt_{+15})^1} = (1) + \uparrow M2_{+26}(\downarrow m7_{-26})$

$4668 = 2^2 \bullet 3^1 \bullet 389^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow P5_{+24}(\downarrow P4_{-24})^1} = (1) + \uparrow M2_{+26}(\downarrow m7_{-26})$

$4669 = 7^1 \bullet 23^1 \bullet 29^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1} = (1) + \uparrow M2_{+27}(\downarrow m7_{-27})$

$4670 = 2^1 \bullet 5^1 \bullet 467^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{+41}(\downarrow M2_{-41})^1} = (1) + \uparrow M2_{+27}(\downarrow m7_{-27})$

$4671 = 3^3 \bullet 173^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow P4_{+22}(\downarrow P5_{-22})^1} = (1) + \uparrow M2_{+27}(\downarrow m7_{-27})$

$4672 = 2^6 \bullet 73^1 = \mathbf{(1) + \updownarrow 8ve(uni)^6 + \uparrow M2_{+28}(\downarrow m7_{-28})^1} = (1) + \uparrow M2_{+28}(\downarrow m7_{-28})$

$4673 = 4673^1 = \mathbf{(1) + \uparrow M2_{+28}(\downarrow m7_{-28})}$

$4674 = 2^1 \bullet 3^1 \bullet 19^1 \bullet 41^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow M3_{+29}(\downarrow m6_{-29})^1} = (1) + \uparrow M2_{+29}(\downarrow m7_{-29})$

$4675 = 5^2 \bullet 11^1 \bullet 17^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1} = (1) + \uparrow M2_{+29}(\downarrow m7_{-29})$

$4676 = 2^2 \bullet 7^1 \bullet 167^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow P4_{-40}(\downarrow P5_{+40})^1} = (1) + \uparrow M2_{+29}(\downarrow m7_{-29})$

$4677 = 3^1 \bullet 1559^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow P5_{+28}(\downarrow P4_{-28})^1} = (1) + \uparrow M2_{+30}(\downarrow m7_{-30})$

$4678 = 2^1 \bullet 2339^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M2_{+30}(\downarrow m7_{-30})^1} = (1) + \uparrow M2_{+30}(\downarrow m7_{-30})$

$4679 = 4679^1 = \mathbf{(1) + \uparrow M2_{+30}(\downarrow m7_{-30})}$

$4680 = 2^3 \bullet 3^2 \bullet 5^1 \bullet 13^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1} = (1) + \uparrow M2_{+31}(\downarrow m7_{-31})$

$4681 = 31^1 \bullet 151^1 = \mathbf{(1) + \uparrow M7_{+45}(\downarrow m2_{-45})^1 + \uparrow m3_{-14}(\downarrow M6_{+14})^1} = (1) + \uparrow M2_{+31}(\downarrow m7_{-31})$

$4682 = 2^1 \bullet 2341^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M2_{+31}(\downarrow m7_{-31})^1} = (1) + \uparrow M2_{+31}(\downarrow m7_{-31})$

$4683 = 3^1 \bullet 7^1 \bullet 223^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m7_{-39}(\downarrow M2_{+39})^1} = (1) + \uparrow M2_{+32}(\downarrow m7_{-32})$

$4684 = 2^2 \bullet 1171^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M2_{+32}(\downarrow m7_{-32})^1} = (1) + \uparrow M2_{+32}(\downarrow m7_{-32})$

$4685 = 5^1 \bullet 937^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{+46}(\downarrow M2_{-46})^1} = (1) + \uparrow M2_{+33}(\downarrow m7_{-33})$

$4686 = 2^1 \bullet 3^1 \bullet 11^1 \bullet 71^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow M2_{-20}(\downarrow m7_{+20})^1} = (1) + \uparrow M2_{+33}(\downarrow m7_{-33})$

$4687 = 43^1 \bullet 109^1 = \mathbf{(1) + \uparrow P4_{+12}(\downarrow P5_{-12})^1 + \uparrow M6_{+22}(\downarrow m3_{-22})^1} = (1) + \uparrow M2_{+33}(\downarrow m7_{-33})$

$4688 = 2^4 \bullet 293^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow M2_{+34}(\downarrow m7_{-34})^1} = (1) + \uparrow M2_{+34}(\downarrow m7_{-34})$

$4689 = 3^2 \bullet 521^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow uni_{+30}(\downarrow 8ve_{-30})^1} = (1) + \uparrow M2_{+34}(\downarrow m7_{-34})$

$4690 = 2^1 \bullet 5^1 \bullet 7^1 \bullet 67^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m2_{-21}(\downarrow M7_{+21})^1} = (1) + \uparrow M2_{+34}(\downarrow m7_{-34})$

$4691 = 4691^1 = \mathbf{(1) + \uparrow M2_{+35}(\downarrow m7_{-35})}$

$4692 = 2^2 \bullet 3^1 \bullet 17^1 \bullet 23^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1} = (1) + \uparrow M2_{+35}(\downarrow m7_{-35})$

$4693 = 13^1 \bullet 19^2 = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^2} = (1) + \uparrow M2_{+36}(\downarrow m7_{-36})$

$4694 = 2^1 \bullet 2347^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M2_{+36}(\downarrow m7_{-36})^1} = (1) + \uparrow M2_{+36}(\downarrow m7_{-36})$

$4695 = 3^1 \bullet 5^1 \bullet 313^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m3_{+48}(\downarrow M6_{-48})^1} = (1) + \uparrow M2_{+36}(\downarrow m7_{-36})$

$4696 = 2^3 \bullet 587^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow M2_{+37}(\downarrow m7_{-37})^1} = (1) + \uparrow M2_{+37}(\downarrow m7_{-37})$

$4697 = 7^1 \bullet 11^1 \bullet 61^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow M7_{+17}(\downarrow m2_{-17})^1} = (1) + \uparrow M2_{+37}(\downarrow m7_{-37})$

$4698 = 2^1 \bullet 3^4 \bullet 29^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^4 + \uparrow m7_{+30}(\downarrow M2_{-30})^1 = (1) + \uparrow M2_{+37}(\downarrow m7_{-37})$

$4699 = 37^1 \bullet 127^1 = (1) + \uparrow m3_{-49}(\downarrow M6_{+49})^1 + \uparrow 8ve_{-14}(\downarrow uni_{+14})^1 = (1) + \uparrow M2_{+38}(\downarrow m7_{-38})$

$4700 = 2^2 \bullet 5^2 \bullet 47^1 = (1) + \updownarrow 8ve(uni)^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow P5_{-34}(\downarrow P4_{+34})^1 = (1) + \uparrow M2_{+38}(\downarrow m7_{-38})$

$4701 = 3^1 \bullet 1567^1 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow P5_{+37}(\downarrow P4_{-37})^1 = (1) + \uparrow M2_{+39}(\downarrow m7_{-39})$

$4702 = 2^1 \bullet 2351^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow M2_{+39}(\downarrow m7_{-39})^1 = (1) + \uparrow M2_{+39}(\downarrow m7_{-39})$

$4703 = 4703^1 = (1) + \uparrow M2_{+39}(\downarrow m7_{-39})$

$4704 = 2^5 \bullet 3^1 \bullet 7^2 = (1) + \updownarrow 8ve(uni)^5 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^2 = (1) + \uparrow M2_{+40}(\downarrow m7_{-40})$

$4705 = 5^1 \bullet 941^1 = (1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M7_{-46}(\downarrow m2_{+46})^1 = (1) + \uparrow M2_{+40}(\downarrow m7_{-40})$

$4706 = 2^1 \bullet 13^1 \bullet 181^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow tt_{+0}(\downarrow tt_{-0})^1 = (1) + \uparrow M2_{+40}(\downarrow m7_{-40})$

$4707 = 3^2 \bullet 523^1 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow uni_{+37}(\downarrow 8ve_{-37})^1 = (1) + \uparrow M2_{+41}(\downarrow m7_{-41})$

$4708 = 2^2 \bullet 11^1 \bullet 107^1 = (1) + \updownarrow 8ve(uni)^2 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow M6_{-10}(\downarrow m3_{+10})^1 = (1) + \uparrow M2_{+41}(\downarrow m7_{-41})$

$4709 = 17^1 \bullet 277^1 = (1) + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow m2_{+36}(\downarrow M7_{-36})^1 = (1) + \uparrow M2_{+41}(\downarrow m7_{-41})$

$4710 = 2^1 \bullet 3^1 \bullet 5^1 \bullet 157^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M3_{-46}(\downarrow m6_{+46})^1 = (1) + \uparrow M2_{+42}(\downarrow m7_{-42})$

$4711 = 7^1 \bullet 673^1 = (1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow P4_{-27}(\downarrow P5_{+27})^1 = (1) + \uparrow M2_{+42}(\downarrow m7_{-42})$

$4712 = 2^3 \bullet 19^1 \bullet 31^1 = (1) + \updownarrow 8ve(uni)^3 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow M7_{+45}(\downarrow m2_{-45})^1 = (1) + \uparrow M2_{+43}(\downarrow m7_{-43})$

$4713 = 3^1 \bullet 1571^1 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow P5_{+41}(\downarrow P4_{-41})^1 = (1) + \uparrow M2_{+43}(\downarrow m7_{-43})$

$4714 = 2^1 \bullet 2357^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow M2_{+43}(\downarrow m7_{-43})^1 = (1) + \uparrow M2_{+43}(\downarrow m7_{-43})$

$4715 = 5^1 \bullet 23^1 \bullet 41^1 = (1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow M3_{+29}(\downarrow m6_{-29})^1 = (1) + \uparrow M2_{+44}(\downarrow m7_{-44})$

$4716 = 2^2 \bullet 3^2 \bullet 131^1 = (1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow uni_{+40}(\downarrow 8ve_{-40})^1 = (1) + \uparrow M2_{+44}(\downarrow m7_{-44})$

$4717 = 53^1 \bullet 89^1 = (1) + \uparrow M6_{-26}(\downarrow m3_{+26})^1 + \uparrow tt_{-29}(\downarrow tt_{+29})^1 = (1) + \uparrow M2_{+44}(\downarrow m7_{-44})$

$4718 = 2^1 \bullet 7^1 \bullet 337^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow P4_{-24}(\downarrow P5_{+24})^1 = (1) + \uparrow M2_{+45}(\downarrow m7_{-45})$

$4719 = 3^1 \bullet 11^2 \bullet 13^1 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^2 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 = (1) + \uparrow M2_{+45}(\downarrow m7_{-45})$

$4720 = 2^4 \bullet 5^1 \bullet 59^1 = (1) + \updownarrow 8ve(uni)^4 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M7_{-41}(\downarrow m2_{+41})^1 = (1) + \uparrow M2_{+45}(\downarrow m7_{-45})$

$4721 = 4721^1 = (1) + \uparrow M2_{+46}(\downarrow m7_{-46})$

$4722 = 2^1 \bullet 3^1 \bullet 787^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow P5_{+44}(\downarrow P4_{-44})^1 = (1) + \uparrow M2_{+46}(\downarrow m7_{-46})$

$4723 = 4723^1 = (1) + \uparrow M2_{+47}(\downarrow m7_{-47})$

$4724 = 2^2 \bullet 1181^1 = (1) + \updownarrow 8ve(uni)^2 + \uparrow M2_{+47}(\downarrow m7_{-47})^1 = (1) + \uparrow M2_{+47}(\downarrow m7_{-47})$

$4725 = 3^3 \bullet 5^2 \bullet 7^1 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 = (1) + \uparrow M2_{+47}(\downarrow m7_{-47})$

$4726 = 2^1 \bullet 17^1 \bullet 139^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow m2_{+43}(\downarrow M7_{-43})^1 = (1) + \uparrow M2_{+48}(\downarrow m7_{-48})$

$4727 = 29^1 \bullet 163^1 = (1) + \uparrow m7_{+30}(\downarrow M2_{-30})^1 + \uparrow M3_{+18}(\downarrow m6_{-18})^1 = (1) + \uparrow M2_{+48}(\downarrow m7_{-48})$

$4728 = 2^3 \bullet 3^1 \bullet 197^1 = (1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow P5_{+46}(\downarrow P4_{-46})^1 = (1) + \uparrow M2_{+48}(\downarrow m7_{-48})$

$4729 = 4729^1 = (1) + \uparrow M2_{+49}(\downarrow m7_{-49})$

$4730 = 2^1 \bullet 5^1 \bullet 11^1 \bullet 43^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow P4_{+12}(\downarrow P5_{-12})^1 = (1) + \uparrow M2_{+49}(\downarrow m7_{-49})$

$4731 = 3^1 \bullet 19^1 \bullet 83^1 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow P4_{-50}(\downarrow P5_{+50})^1 = (1) + \uparrow M2_{+50}(\downarrow m7_{-50})$

$4732 = 2^2 \bullet 7^1 \bullet 13^2 = (1) + \updownarrow 8ve(uni)^2 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^2 = (1) + \uparrow M2_{+50}(\downarrow m7_{-50})$

$4733 = 4733^1 = (1) + \uparrow m3_{-50}(\downarrow M6_{+50})$

$4734 = 2^1 \bullet 3^2 \bullet 263^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow uni_{+47}(\downarrow 8ve_{-47})^1 = (1) + \uparrow m3_{-49}(\downarrow M6_{+49})$

$4735 = 5^1 \bullet 947^1 = (1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M7_{-35}(\downarrow m2_{+35})^1 = (1) + \uparrow m3_{-49}(\downarrow M6_{+49})$

$4736 = 2^7 \bullet 37^1 = (1) + \updownarrow 8ve(uni)^7 + \uparrow m3_{-49}(\downarrow M6_{+49})^1 = (1) + \uparrow m3_{-49}(\downarrow M6_{+49})$

$4737 = 3^1 \bullet 1579^1 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow P5_{+50}(\downarrow P4_{-50})^1 = (1) + \uparrow m3_{-48}(\downarrow M6_{+48})$

$4738 = 2^1 \bullet 23^1 \bullet 103^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow m6_{+24}(\downarrow M3_{-24})^1 = (1) + \uparrow m3_{-48}(\downarrow M6_{+48})$

$4739 = 7^1 \bullet 677^1 = (1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow P4_{-16}(\downarrow P5_{+16})^1 = (1) + \uparrow m3_{-48}(\downarrow M6_{+48})$

$4740 = 2^2 \bullet 3^1 \bullet 5^1 \bullet 79^1 = (1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M3_{-35}(\downarrow m6_{+35})^1 = (1) + \uparrow m3_{-47}(\downarrow M6_{+47})$

$4741 = 11^1 \bullet 431^1 = (1) + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow M6_{+2}(\downarrow m3_{-2})^1 = (1) + \uparrow m3_{-47}(\downarrow M6_{+47})$

$4742 = 2^1 \bullet 2371^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow m3_{-46}(\downarrow M6_{+46})^1 = (1) + \uparrow m3_{-46}(\downarrow M6_{+46})$

$4743 = 3^2 \bullet 17^1 \bullet 31^1 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow M7_{+45}(\downarrow m2_{-45})^1 = (1) + \uparrow m3_{-46}(\downarrow M6_{+46})$

$4744 = 2^3 \bullet 593^1 = (1) + \updownarrow 8ve(uni)^3 + \uparrow m3_{-46}(\downarrow M6_{+46})^1 = (1) + \uparrow m3_{-46}(\downarrow M6_{+46})$

$4745 = 5^1 \bullet 13^1 \bullet 73^1 = (1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow M2_{+28}(\downarrow m7_{-28})^1 = (1) + \uparrow m3_{-45}(\downarrow M6_{+45})$

$4746 = 2^1 \bullet 3^1 \bullet 7^1 \bullet 113^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m7_{-16}(\downarrow M2_{+16})^1 = (1) + \uparrow m3_{-45}(\downarrow M6_{+45})$

$4747 = 47^1 \bullet 101^1 = (1) + \uparrow P5_{-34}(\downarrow P4_{+34})^1 + \uparrow m6_{-10}(\downarrow M3_{+10})^1 = (1) + \uparrow m3_{-45}(\downarrow M6_{+45})$

$4748 = 2^2 \bullet 1187^1 = (1) + \updownarrow 8ve(uni)^2 + \uparrow m3_{-44}(\downarrow M6_{+44})^1 = (1) + \uparrow m3_{-44}(\downarrow M6_{+44})$

$4749 = 3^1 \bullet 1583^1 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m6_{-46}(\downarrow M3_{+46})^1 = (1) + \uparrow m3_{-44}(\downarrow M6_{+44})$

$4750 = 2^1 \bullet 5^3 \bullet 19^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^3 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 = (1) + \uparrow m3_{-44}(\downarrow M6_{+44})$

$4751 = 4751^1 = (1) + \uparrow m3_{-43}(\downarrow M6_{+43})$

$4752 = 2^4 \bullet 3^3 \bullet 11^1 = (1) + \updownarrow 8ve(uni)^4 + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 = (1) + \uparrow m3_{-43}(\downarrow M6_{+43})$

$4753 = 7^2 \bullet 97^1 = (1) + \uparrow m7_{-31}(\downarrow M2_{+31})^2 + \uparrow P5_{+20}(\downarrow P4_{-20})^1 = (1) + \uparrow m3_{-42}(\downarrow M6_{+42})$

$4754 = 2^1 \bullet 2377^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow m3_{-42}(\downarrow M6_{+42})^1 = (1) + \uparrow m3_{-42}(\downarrow M6_{+42})$

$4755 = 3^1 \bullet 5^1 \bullet 317^1 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M3_{-30}(\downarrow m6_{+30})^1 = (1) + \uparrow m3_{-42}(\downarrow M6_{+42})$

$4756 = 2^2 \bullet 29^1 \bullet 41^1 = (1) + \updownarrow 8ve(uni)^2 + \uparrow m7_{+30}(\downarrow M2_{-30})^1 + \uparrow M3_{+29}(\downarrow m6_{-29})^1 = (1) + \uparrow m3_{-41}(\downarrow M6_{+41})$

$4757 = 67^1 \bullet 71^1 = (1) + \uparrow m2_{-21}(\downarrow M7_{+21})^1 + \uparrow M2_{-20}(\downarrow m7_{+20})^1 = (1) + \uparrow m3_{-41}(\downarrow M6_{+41})$

$4758 = 2^1 \bullet 3^1 \bullet 13^1 \bullet 61^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow M7_{+17}(\downarrow m2_{-17})^1 = (1) + \uparrow m3_{-41}(\downarrow M6_{+41})$

$4759 = 4759^1 = (1) + \uparrow m3_{-40}(\downarrow M6_{+40})$

$4760 = 2^3 \bullet 5^1 \bullet 7^1 \bullet 17^1 = (1) + \updownarrow 8ve(uni)^3 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 = (1) + \uparrow m3_{-40}(\downarrow M6_{+40})$

$4761 = 3^2 \bullet 23^2 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow tt_{+28}(\downarrow tt_{-28})^2 = (1) + \uparrow m3_{-40}(\downarrow M6_{+40})$

$4762 = 2^1 \bullet 2381^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow m3_{-39}(\downarrow M6_{+39})^1 = (1) + \uparrow m3_{-39}(\downarrow M6_{+39})$

$4763 = 11^1 \bullet 433^1 = (1) + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow M6_{+10}(\downarrow m3_{-10})^1 = (1) + \uparrow m3_{-39}(\downarrow M6_{+39})$

$4764 = 2^2 \bullet 3^1 \bullet 397^1 = (1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m6_{-40}(\downarrow M3_{+40})^1 = (1) + \uparrow m3_{-38}(\downarrow M6_{+38})$

$4765 = 5^1 \bullet 953^1 = (1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M7_{-24}(\downarrow m2_{+24})^1 = (1) + \uparrow m3_{-38}(\downarrow M6_{+38})$

$4766 = 2^1 \bullet 2383^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow m3_{-38}(\downarrow M6_{+38})^1 = (1) + \uparrow m3_{-38}(\downarrow M6_{+38})$

$4767 = 3^1 \bullet 7^1 \bullet 227^1 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m7_{-8}(\downarrow M2_{+8})^1 = (1) + \uparrow m3_{-37}(\downarrow M6_{+37})$

$4768 = 2^5 \bullet 149^1 = (1) + \updownarrow 8ve(uni)^5 + \uparrow m3_{-37}(\downarrow M6_{+37})^1 = (1) + \uparrow m3_{-37}(\downarrow M6_{+37})$

$4769 = 19^1 \bullet 251^1 = (1) + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow 8ve_{-34}(\downarrow uni_{+34})^1 = (1) + \uparrow m3_{-37}(\downarrow M6_{+37})$

$4770 = 2^1 \bullet 3^2 \bullet 5^1 \bullet 53^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M6_{-26}(\downarrow m3_{+26})^1 = (1) + \uparrow m3_{-36}(\downarrow M6_{+36})$

$4771 = 13^1 \bullet 367^1 = (1) + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow tt_{+24}(\downarrow tt_{-24})^1 = (1) + \uparrow m3_{-36}(\downarrow M6_{+36})$

$4772 = 2^2 \bullet 1193^1 = (1) + \updownarrow 8ve(uni)^2 + \uparrow m3_{-36}(\downarrow M6_{+36})^1 = (1) + \uparrow m3_{-36}(\downarrow M6_{+36})$

$4773 = 3^1 \bullet 37^1 \bullet 43^1 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m3_{-49}(\downarrow M6_{+49})^1 + \uparrow P4_{+12}(\downarrow P5_{-12})^1 = (1) + \uparrow m3_{-35}(\downarrow M6_{+35})$

$4774 = 2^1 \bullet 7^1 \bullet 11^1 \bullet 31^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow M7_{+45}(\downarrow m2_{-45})^1 = (1) + \uparrow m3_{-35}(\downarrow M6_{+35})$

$4775 = 5^2 \bullet 191^1 = (1) + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow P5_{-7}(\downarrow P4_{+7})^1 = (1) + \uparrow m3_{-34}(\downarrow M6_{+34})$

$4776 = 2^3 \bullet 3^1 \bullet 199^1 = (1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m6_{-36}(\downarrow M3_{+36})^1 = (1) + \uparrow m3_{-34}(\downarrow M6_{+34})$

$4777 = 17^1 \bullet 281^1 = (1) + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow M2_{-39}(\downarrow m7_{+39})^1 = (1) + \uparrow m3_{-34}(\downarrow M6_{+34})$

$4778 = 2^1 \bullet 2389^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow m3_{-33}(\downarrow M6_{+33})^1 = (1) + \uparrow m3_{-33}(\downarrow M6_{+33})$

$4779 = 3^4 \bullet 59^1 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^4 + \uparrow M7_{-41}(\downarrow m2_{+41})^1 = (1) + \uparrow m3_{-33}(\downarrow M6_{+33})$

$4780 = 2^2 \bullet 5^1 \bullet 239^1 = (1) + \updownarrow 8ve(uni)^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M7_{-19}(\downarrow m2_{+19})^1 = (1) + \uparrow m3_{-33}(\downarrow M6_{+33})$

$4781 = 7^1 \bullet 683^1 = (1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow P4_{-1}(\downarrow P5_{+1})^1 = (1) + \uparrow m3_{-32}(\downarrow M6_{+32})$

$4782 = 2^1 \bullet 3^1 \bullet 797^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m6_{-34}(\downarrow M3_{+34})^1 = (1) + \uparrow m3_{-32}(\downarrow M6_{+32})$

$4783 = 4783^1 = (1) + \uparrow m3_{-32}(\downarrow M6_{+32})$

$4784 = 2^4 \bullet 13^1 \bullet 23^1 = (1) + \updownarrow 8ve(uni)^4 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1 = (1) + \uparrow m3_{-31}(\downarrow M6_{+31})$

$4785 = 3^1 \bullet 5^1 \bullet 11^1 \bullet 29^1 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1 = (1) + \uparrow m3_{-31}(\downarrow M6_{+31})$

$4786 = 2^1 \bullet 2393^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow m3_{-30}(\downarrow M6_{+30})^1 = (1) + \uparrow m3_{-30}(\downarrow M6_{+30})$

$4787 = 4787^1 = (1) + \uparrow m3_{-30}(\downarrow M6_{+30})$

$4788 = 2^2 \bullet 3^2 \bullet 7^1 \bullet 19^1 = (1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 = (1) + \uparrow m3_{-30}(\downarrow M6_{+30})$

$4789 = 4789^1 = (1) + \uparrow m3_{-29}(\downarrow M6_{+29})$

$4790 = 2^1 \bullet 5^1 \bullet 479^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M7_{-15}(\downarrow m2_{+15})^1 = (1) + \uparrow m3_{-29}(\downarrow M6_{+29})$

$4791 = 3^1 \bullet 1597^1 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m6_{-31}(\downarrow M3_{+31})^1 = (1) + \uparrow m3_{-29}(\downarrow M6_{+29})$

$4792 = 2^3 \bullet 599^1 = (1) + \updownarrow 8ve(uni)^3 + \uparrow m3_{-28}(\downarrow M6_{+28})^1 = (1) + \uparrow m3_{-28}(\downarrow M6_{+28})$

$4793 = 4793^1 = (1) + \uparrow m3_{-28}(\downarrow M6_{+28})$

$4794 = 2^1 \bullet 3^1 \bullet 17^1 \bullet 47^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow P5_{-34}(\downarrow P4_{+34})^1 = (1) + \uparrow m3_{-28}(\downarrow M6_{+28})$

$4795 = 5^1 \bullet 7^1 \bullet 137^1 = (1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m2_{+18}(\downarrow M7_{-18})^1 = (1) + \uparrow m3_{-27}(\downarrow M6_{+27})$

$4796 = 2^2 \bullet 11^1 \bullet 109^1 = (1) + \updownarrow 8ve(uni)^2 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow M6_{+22}(\downarrow m3_{-22})^1 = (1) + \uparrow m3_{-27}(\downarrow M6_{+27})$

$4797 = 3^2 \bullet 13^1 \bullet 41^1 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow M3_{+29}(\downarrow m6_{-29})^1 = (1) + \uparrow m3_{-26}(\downarrow M6_{+26})$

$4798 = 2^1 \bullet 2399^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow m3_{-26}(\downarrow M6_{+26})^1 = (1) + \uparrow m3_{-26}(\downarrow M6_{+26})$

$4799 = 4799^1 = (1) + \uparrow m3_{-26}(\downarrow M6_{+26})$

$4800 = 2^6 \bullet 3^1 \bullet 5^2 = (1) + \updownarrow 8ve(uni)^6 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^2 = (1) + \uparrow m3_{-25}(\downarrow M6_{+25})$

$4801 = 4801^1 = (1) + \uparrow m3_{-25}(\downarrow M6_{+25})$

$4802 = 2^1 \bullet 7^4 = (1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^4 = (1) + \uparrow m3_{-25}(\downarrow M6_{+25})$

$4803 = 3^1 \bullet 1601^1 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m6_{-26}(\downarrow M3_{+26})^1 = (1) + \uparrow m3_{-24}(\downarrow M6_{+24})$

$4804 = 2^2 \bullet 1201^1 = (1) + \updownarrow 8ve(uni)^2 + \uparrow m3_{-24}(\downarrow M6_{+24})^1 = (1) + \uparrow m3_{-24}(\downarrow M6_{+24})$

$4805 = 5^1 \bullet 31^2 = (1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M7_{+45}(\downarrow m2_{-45})^2 = (1) + \uparrow m3_{-24}(\downarrow M6_{+24})$

$4806 = 2^1 \bullet 3^3 \bullet 89^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow tt_{-29}(\downarrow tt_{+29})^1 = (1) + \uparrow m3_{-23}(\downarrow M6_{+23})$

$4807 = 11^1 \bullet 19^1 \bullet 23^1 = (1) + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1 = (1) + \uparrow m3_{-23}(\downarrow M6_{+23})$

$4808 = 2^3 \bullet 601^1 = (1) + \updownarrow 8ve(uni)^3 + \uparrow m3_{-23}(\downarrow M6_{+23})^1 = (1) + \uparrow m3_{-23}(\downarrow M6_{+23})$

$4809 = 3^1 \bullet 7^1 \bullet 229^1 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m7_{+7}(\downarrow M2_{-7})^1 = (1) + \uparrow m3_{-22}(\downarrow M6_{+22})$

$4810 = 2^1 \bullet 5^1 \bullet 13^1 \bullet 37^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow m3_{-49}(\downarrow M6_{+49})^1 = (1) + \uparrow m3_{-22}(\downarrow M6_{+22})$

$4811 = 17^1 \bullet 283^1 = (1) + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow M2_{-26}(\downarrow m7_{+26})^1 = (1) + \uparrow m3_{-21}(\downarrow M6_{+21})$

$4812 = 2^2 \bullet 3^1 \bullet 401^1 = (1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m6_{-23}(\downarrow M3_{+23})^1 = (1) + \uparrow m3_{-21}(\downarrow M6_{+21})$

$4813 = 4813^1 = (1) + \uparrow m3_{-21}(\downarrow M6_{+21})$

$4814 = 2^1 \bullet 29^1 \bullet 83^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1 + \uparrow P4_{-50}(\downarrow P5_{+50})^1 = (1) + \uparrow m3_{-20}(\downarrow M6_{+20})$

$4815 = 3^2 \bullet 5^1 \bullet 107^1 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M6_{-10}(\downarrow m3_{+10})^1 = (1) + \uparrow m3_{-20}(\downarrow M6_{+20})$

$4816 = 2^4 \bullet 7^1 \bullet 43^1 = (1) + \updownarrow 8ve(uni)^4 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow P4_{+12}(\downarrow P5_{-12})^1 = (1) + \uparrow m3_{-20}(\downarrow M6_{+20})$

$4817 = 4817^1 = (1) + \uparrow m3_{-19}(\downarrow M6_{+19})$

$4818 = 2^1 \bullet 3^1 \bullet 11^1 \bullet 73^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow M2_{+28}(\downarrow m7_{-28})^1 = (1) + \uparrow m3_{-19}(\downarrow M6_{+19})$

$4819 = 61^1 \bullet 79^1 = (1) + \uparrow M7_{+17}(\downarrow m2_{-17})^1 + \uparrow M3_{-35}(\downarrow m6_{+35})^1 = (1) + \uparrow m3_{-19}(\downarrow M6_{+19})$

$4820 = 2^2 \bullet 5^1 \bullet 241^1 = (1) + \updownarrow 8ve(uni)^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M7_{-5}(\downarrow m2_{+5})^1 = (1) + \uparrow m3_{-18}(\downarrow M6_{+18})$

$4821 = 3^1 \bullet 1607^1 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m6_{-20}(\downarrow M3_{+20})^1 = (1) + \uparrow m3_{-18}(\downarrow M6_{+18})$

$4822 = 2^1 \bullet 2411^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow m3_{-18}(\downarrow M6_{+18})^1 = (1) + \uparrow m3_{-18}(\downarrow M6_{+18})$

$4823 = 7^1 \bullet 13^1 \bullet 53^1 = (1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow M6_{-26}(\downarrow m3_{+26})^1 = (1) + \uparrow m3_{-17}(\downarrow M6_{+17})$

$4824 = 2^3 \bullet 3^2 \bullet 67^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m2_{-21}(\downarrow M7_{+21})^1} = (1) + \uparrow m3_{-17}(\downarrow M6_{+17})$

$4825 = 5^2 \bullet 193^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow P5_{+11}(\downarrow P4_{-11})^1} = (1) + \uparrow m3_{-16}(\downarrow M6_{+16})$

$4826 = 2^1 \bullet 19^1 \bullet 127^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow 8ve_{-14}(\downarrow uni_{+14})^1} = (1) + \uparrow m3_{-16}(\downarrow M6_{+16})$

$4827 = 3^1 \bullet 1609^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m6_{-18}(\downarrow M3_{+18})^1} = (1) + \uparrow m3_{-16}(\downarrow M6_{+16})$

$4828 = 2^2 \bullet 17^1 \bullet 71^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow M2_{-20}(\downarrow m7_{+20})^1} = (1) + \uparrow m3_{-15}(\downarrow M6_{+15})$

$4829 = 11^1 \bullet 439^1 = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow M6_{+34}(\downarrow m3_{-34})^1} = (1) + \uparrow m3_{-15}(\downarrow M6_{+15})$

$4830 = 2^1 \bullet 3^1 \bullet 5^1 \bullet 7^1 \bullet 23^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1} =$
$(1) + \uparrow m3_{-15}(\downarrow M6_{+15})$

$4831 = 4831^1 = \mathbf{(1) + \uparrow m3_{-14}(\downarrow M6_{+14})}$

$4832 = 2^5 \bullet 151^1 = \mathbf{(1) + \updownarrow 8ve(uni)^5 + \uparrow m3_{-14}(\downarrow M6_{+14})^1} = (1) + \uparrow m3_{-14}(\downarrow M6_{+14})$

$4833 = 3^3 \bullet 179^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow tt_{-19}(\downarrow tt_{+19})^1} = (1) + \uparrow m3_{-14}(\downarrow M6_{+14})$

$4834 = 2^1 \bullet 2417^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m3_{-13}(\downarrow M6_{+13})^1} = (1) + \uparrow m3_{-13}(\downarrow M6_{+13})$

$4835 = 5^1 \bullet 967^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M7_{+1}(\downarrow m2_{-1})^1} = (1) + \uparrow m3_{-13}(\downarrow M6_{+13})$

$4836 = 2^2 \bullet 3^1 \bullet 13^1 \bullet 31^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow M7_{+45}(\downarrow m2_{-45})^1} = (1) + \uparrow m3_{-12}(\downarrow M6_{+12})$

$4837 = 7^1 \bullet 691^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow P4_{+19}(\downarrow P5_{-19})^1} = (1) + \uparrow m3_{-12}(\downarrow M6_{+12})$

$4838 = 2^1 \bullet 41^1 \bullet 59^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{+29}(\downarrow m6_{-29})^1 + \uparrow M7_{-41}(\downarrow m2_{+41})^1} = (1) + \uparrow m3_{-12}(\downarrow M6_{+12})$

$4839 = 3^1 \bullet 1613^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m6_{-13}(\downarrow M3_{+13})^1} = (1) + \uparrow m3_{-11}(\downarrow M6_{+11})$

$4840 = 2^3 \bullet 5^1 \bullet 11^2 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^2} = (1) + \uparrow m3_{-11}(\downarrow M6_{+11})$

$4841 = 47^1 \bullet 103^1 = \mathbf{(1) + \uparrow P5_{-34}(\downarrow P4_{+34})^1 + \uparrow m6_{+24}(\downarrow M3_{-24})^1} = (1) + \uparrow m3_{-11}(\downarrow M6_{+11})$

$4842 = 2^1 \bullet 3^2 \bullet 269^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m2_{-14}(\downarrow M7_{+14})^1} = (1) + \uparrow m3_{-10}(\downarrow M6_{+10})$

$4843 = 29^1 \bullet 167^1 = \mathbf{(1) + \uparrow m7_{+30}(\downarrow M2_{-30})^1 + \uparrow P4_{-40}(\downarrow P5_{+40})^1} = (1) + \uparrow m3_{-10}(\downarrow M6_{+10})$

$4844 = 2^2 \bullet 7^1 \bullet 173^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow P4_{+22}(\downarrow P5_{-22})^1} = (1) + \uparrow m3_{-10}(\downarrow M6_{+10})$

$4845 = 3^1 \bullet 5^1 \bullet 17^1 \bullet 19^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1} = (1) + \uparrow m3_{-9}(\downarrow M6_{+9})$

$4846 = 2^1 \bullet 2423^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m3_{-9}(\downarrow M6_{+9})^1} = (1) + \uparrow m3_{-9}(\downarrow M6_{+9})$

$4847 = 37^1 \bullet 131^1 = \mathbf{(1) + \uparrow m3_{-49}(\downarrow M6_{+49})^1 + \uparrow uni_{+40}(\downarrow 8ve_{-40})^1} = (1) + \uparrow m3_{-9}(\downarrow M6_{+9})$

$4848 = 2^4 \bullet 3^1 \bullet 101^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m6_{-10}(\downarrow M3_{+10})^1} = (1) + \uparrow m3_{-8}(\downarrow M6_{+8})$

$4849 = 13^1 \bullet 373^1 = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow P5_{-48}(\downarrow P4_{+48})^1} = (1) + \uparrow m3_{-8}(\downarrow M6_{+8})$

$4850 = 2^1 \bullet 5^2 \bullet 97^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow P5_{+20}(\downarrow P4_{-20})^1} = (1) + \uparrow m3_{-7}(\downarrow M6_{+7})$

$4851 = 3^2 \bullet 7^2 \bullet 11^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m7_{-31}(\downarrow M2_{+31})^2 + \uparrow tt_{-49}(\downarrow tt_{+49})^1} = (1) + \uparrow m3_{-7}(\downarrow M6_{+7})$

$4852 = 2^2 \bullet 1213^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m3_{-7}(\downarrow M6_{+7})^1} = (1) + \uparrow m3_{-7}(\downarrow M6_{+7})$

$4853 = 23^1 \bullet 211^1 = \mathbf{(1) + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow M6_{-35}(\downarrow m3_{+35})^1} = (1) + \uparrow m3_{-6}(\downarrow M6_{+6})$

$4854 = 2^1 \bullet 3^1 \bullet 809^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m6_{-8}(\downarrow M3_{+8})^1} = (1) + \uparrow m3_{-6}(\downarrow M6_{+6})$

$4855 = 5^1 \bullet 971^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M7_{+8}(\downarrow m2_{-8})^1} = (1) + \uparrow m3_{-6}(\downarrow M6_{+6})$

$4856 = 2^3 \bullet 607^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow m3_{-5}(\downarrow M6_{+5})^1} = (1) + \uparrow m3_{-5}(\downarrow M6_{+5})$

$4857 = 3^1 \bullet 1619^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m6_{-7}(\downarrow M3_{+7})^1} = (1) + \uparrow m3_{-5}(\downarrow M6_{+5})$

$4858 = 2^1 \bullet 7^1 \bullet 347^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow P4_{+27}(\downarrow P5_{-27})^1} = (1) + \uparrow m3_{-5}(\downarrow M6_{+5})$

$4859 = 43^1 \bullet 113^1 = \mathbf{(1) + \uparrow P4_{+12}(\downarrow P5_{-12})^1 + \uparrow m7_{-16}(\downarrow M2_{+16})^1} = (1) + \uparrow m3_{-4}(\downarrow M6_{+4})$

$4860 = 2^2 \bullet 3^5 \bullet 5^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^5 + \uparrow M3_{-14}(\downarrow m6_{+14})^1} = (1) + \uparrow m3_{-4}(\downarrow M6_{+4})$

$4861 = 4861^1 = \mathbf{(1) + \uparrow m3_{-4}(\downarrow M6_{+4})}$

$4862 = 2^1 \bullet 11^1 \bullet 13^1 \bullet 17^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1} = (1) + \uparrow m3_{-3}(\downarrow M6_{+3})$

$4863 = 3^1 \bullet 1621^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m6_{-5}(\downarrow M3_{+5})^1} = (1) + \uparrow m3_{-3}(\downarrow M6_{+3})$

$4864 = 2^8 \bullet 19^1 = \mathbf{(1) + \updownarrow 8ve(uni)^8 + \uparrow m3_{-2}(\downarrow M6_{+2})^1} = (1) + \uparrow m3_{-2}(\downarrow M6_{+2})$

$4865 = 5^1 \bullet 7^1 \bullet 139^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m2_{+43}(\downarrow M7_{-43})^1} = (1) + \uparrow m3_{-2}(\downarrow M6_{+2})$

$4866 = 2^1 \bullet 3^1 \bullet 811^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m6_{-4}(\downarrow M3_{+4})^1} = (1) + \uparrow m3_{-2}(\downarrow M6_{+2})$

$4867 = 31^1 \bullet 157^1 = \mathbf{(1) + \uparrow M7_{+45}(\downarrow m2_{-45})^1 + \uparrow M3_{-46}(\downarrow m6_{+46})^1} = (1) + \uparrow m3_{-1}(\downarrow M6_{+1})$

$4868 = 2^2 \bullet 1217^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m3_{-1}(\downarrow M6_{+1})^1} = (1) + \uparrow m3_{-1}(\downarrow M6_{+1})$

$4869 = 3^2 \bullet 541^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m2_{-5}(\downarrow M7_{+5})^1} = (1) + \uparrow m3_{-1}(\downarrow M6_{+1})$

$4870 = 2^1 \bullet 5^1 \bullet 487^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M7_{+13}(\downarrow m2_{-13})^1} = (1) + \uparrow m3_{+0}(\downarrow M6_{-0})$

$4871 = 4871^1 = \mathbf{(1) + \uparrow m3_{+0}(\downarrow M6_{-0})}$

$4872 = 2^3 \bullet 3^1 \bullet 7^1 \bullet 29^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1} = (1) + \uparrow m3_{+0}(\downarrow M6_{-0})$

$4873 = 11^1 \bullet 443^1 = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow M6_{+49}(\downarrow m3_{-49})^1} = (1) + \uparrow m3_{+1}(\downarrow M6_{-1})$

$4874 = 2^1 \bullet 2437^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m3_{+1}(\downarrow M6_{-1})^1} = (1) + \uparrow m3_{+1}(\downarrow M6_{-1})$

$4875 = 3^1 \bullet 5^3 \bullet 13^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^3 + \uparrow m6_{+41}(\downarrow M3_{-41})^1} = (1) + \uparrow m3_{+1}(\downarrow M6_{-1})$

$4876 = 2^2 \bullet 23^1 \bullet 53^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow M6_{-26}(\downarrow m3_{+26})^1} = (1) + \uparrow m3_{+2}(\downarrow M6_{-2})$

$4877 = 4877^1 = \mathbf{(1) + \uparrow m3_{+2}(\downarrow M6_{-2})}$

$4878 = 2^1 \bullet 3^2 \bullet 271^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m2_{-1}(\downarrow M7_{+1})^1} = (1) + \uparrow m3_{+2}(\downarrow M6_{-2})$

$4879 = 7^1 \bullet 17^1 \bullet 41^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow M3_{+29}(\downarrow m6_{-29})^1} = (1) + \uparrow m3_{+3}(\downarrow M6_{-3})$

$4880 = 2^4 \bullet 5^1 \bullet 61^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M7_{+17}(\downarrow m2_{-17})^1} = (1) + \uparrow m3_{+3}(\downarrow M6_{-3})$

$4881 = 3^1 \bullet 1627^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m6_{+2}(\downarrow M3_{-2})^1} = (1) + \uparrow m3_{+4}(\downarrow M6_{-4})$

$4882 = 2^1 \bullet 2441^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m3_{+4}(\downarrow M6_{-4})^1} = (1) + \uparrow m3_{+4}(\downarrow M6_{-4})$

$4883 = 19^1 \bullet 257^1 = \mathbf{(1) + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow uni_{+7}(\downarrow 8ve_{-7})^1} = (1) + \uparrow m3_{+4}(\downarrow M6_{-4})$

$4884 = 2^2 \bullet 3^1 \bullet 11^1 \bullet 37^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m3_{-49}(\downarrow M6_{+49})^1} = (1) + \uparrow m3_{+5}(\downarrow M6_{-5})$

$4885 = 5^1 \bullet 977^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M7_{+19}(\downarrow m2_{-19})^1} = (1) + \uparrow m3_{+5}(\downarrow M6_{-5})$

$4886 = 2^1 \bullet 7^1 \bullet 349^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow P4_{+36}(\downarrow P5_{-36})^1} = (1) + \uparrow m3_{+5}(\downarrow M6_{-5})$

$4887 = 3^3 \bullet 181^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow tt_{+0}(\downarrow tt_{-0})^1} = (1) + \uparrow m3_{+6}(\downarrow M6_{-6})$

$4888 = 2^3 \bullet 13^1 \bullet 47^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow P5_{-34}(\downarrow P4_{+34})^1} = (1) + \uparrow m3_{+6}(\downarrow M6_{-6})$

$4889 = 4889^1 = \mathbf{(1) + \uparrow m3_{+6}(\downarrow M6_{-6})}$

$4890 = 2^1 \bullet 3^1 \bullet 5^1 \bullet 163^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M3_{+18}(\downarrow m6_{-18})^1} = (1) + \uparrow m3_{+7}(\downarrow M6_{-7})$

$4891 = 67^1 \bullet 73^1 = \mathbf{(1) + \uparrow m2_{-21}(\downarrow M7_{+21})^1 + \uparrow M2_{+28}(\downarrow m7_{-28})^1} = (1) + \uparrow m3_{+7}(\downarrow M6_{-7})$

$4892 = 2^2 \bullet 1223^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m3_{+7}(\downarrow M6_{-7})^1} = (1) + \uparrow m3_{+7}(\downarrow M6_{-7})$

$4893 = 3^1 \bullet 7^1 \bullet 233^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m7_{+37}(\downarrow M2_{-37})^1} = (1) + \uparrow m3_{+8}(\downarrow M6_{-8})$

$4894 = 2^1 \bullet 2447^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m3_{+8}(\downarrow M6_{-8})^1} = (1) + \uparrow m3_{+8}(\downarrow M6_{-8})$

$4895 = 5^1 \bullet 11^1 \bullet 89^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow tt_{-29}(\downarrow tt_{+29})^1} = (1) + \uparrow m3_{+9}(\downarrow M6_{-9})$

$4896 = 2^5 \bullet 3^2 \bullet 17^1 = \mathbf{(1) + \updownarrow 8ve(uni)^5 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m2_{+5}(\downarrow M7_{-5})^1} = (1) + \uparrow m3_{+9}(\downarrow M6_{-9})$

$4897 = 59^1 \bullet 83^1 = \mathbf{(1) + \uparrow M7_{-41}(\downarrow m2_{+41})^1 + \uparrow P4_{-50}(\downarrow P5_{+50})^1} = (1) + \uparrow m3_{+9}(\downarrow M6_{-9})$

$4898 = 2^1 \bullet 31^1 \bullet 79^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M7_{+45}(\downarrow m2_{-45})^1 + \uparrow M3_{-35}(\downarrow m6_{+35})^1} = (1) + \uparrow m3_{+10}(\downarrow M6_{-10})$

$4899 = 3^1 \bullet 23^1 \bullet 71^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow M2_{-20}(\downarrow m7_{+20})^1} = (1) + \uparrow m3_{+10}(\downarrow M6_{-10})$

$4900 = 2^2 \bullet 5^2 \bullet 7^2 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow m7_{-31}(\downarrow M2_{+31})^2} = (1) + \uparrow m3_{+10}(\downarrow M6_{-10})$

$4901 = 13^2 \bullet 29^1 = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^2 + \uparrow m7_{+30}(\downarrow M2_{-30})^1} = (1) + \uparrow m3_{+11}(\downarrow M6_{-11})$

$4902 = 2^1 \bullet 3^1 \bullet 19^1 \bullet 43^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow P4_{+12}(\downarrow P5_{-12})^1} = (1) + \uparrow m3_{+11}(\downarrow M6_{-11})$

$4903 = 4903^1 = \mathbf{(1) + \uparrow m3_{+11}(\downarrow M6_{-11})}$

$4904 = 2^3 \bullet 613^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow m3_{+12}(\downarrow M6_{-12})^1} = (1) + \uparrow m3_{+12}(\downarrow M6_{-12})$

$4905 = 3^2 \bullet 5^1 \bullet 109^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M6_{+22}(\downarrow m3_{-22})^1} = (1) + \uparrow m3_{+12}(\downarrow M6_{-12})$

$4906 = 2^1 \bullet 11^1 \bullet 223^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m7_{-39}(\downarrow M2_{+39})^1} = (1) + \uparrow m3_{+12}(\downarrow M6_{-12})$

$4907 = 7^1 \bullet 701^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow P4_{+44}(\downarrow P5_{-44})^1} = (1) + \uparrow m3_{+13}(\downarrow M6_{-13})$

$4908 = 2^2 \bullet 3^1 \bullet 409^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m6_{+11}(\downarrow M3_{-11})^1} = (1) + \uparrow m3_{+13}(\downarrow M6_{-13})$

$4909 = 4909^1 = \mathbf{(1) + \uparrow m3_{+13}(\downarrow M6_{-13})}$

$4910 = 2^1 \bullet 5^1 \bullet 491^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M7_{+27}(\downarrow m2_{-27})^1} = (1) + \uparrow m3_{+14}(\downarrow M6_{-14})$

$4911 = 3^1 \bullet 1637^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m6_{+12}(\downarrow M3_{-12})^1} = (1) + \uparrow m3_{+14}(\downarrow M6_{-14})$

$4912 = 2^4 \bullet 307^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow m3_{+15}(\downarrow M6_{-15})^1} = (1) + \uparrow m3_{+15}(\downarrow M6_{-15})$

$4913 = 17^3 = \mathbf{(1) + \uparrow m2_{+5}(\downarrow M7_{-5})^3} = (1) + \uparrow m3_{+15}(\downarrow M6_{-15})$

$4914 = 2^1 \bullet 3^3 \bullet 7^1 \bullet 13^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1} = (1) + \uparrow m3_{+15}(\downarrow M6_{-15})$

$4915 = 5^1 \bullet 983^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M7_{+29}(\downarrow m2_{-29})^1} = (1) + \uparrow m3_{+16}(\downarrow M6_{-16})$

$4916 = 2^2 \bullet 1229^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m3_{+16}(\downarrow M6_{-16})^1} = (1) + \uparrow m3_{+16}(\downarrow M6_{-16})$

$4917 = 3^1 \bullet 11^1 \bullet 149^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m3_{-37}(\downarrow M6_{+37})^1} = (1) + \uparrow m3_{+16}(\downarrow M6_{-16})$

$4918 = 2^1 \bullet 2459^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m3_{+17}(\downarrow M6_{-17})^1} = (1) + \uparrow m3_{+17}(\downarrow M6_{-17})$

$4919 = 4919^1 = \mathbf{(1) + \uparrow m3_{+17}(\downarrow M6_{-17})}$

$4920 = 2^3 \bullet 3^1 \bullet 5^1 \bullet 41^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M3_{+29}(\downarrow m6_{-29})^1} = (1) + \uparrow m3_{+17}(\downarrow M6_{-17})$

$4921 = 7^1 \bullet 19^1 \bullet 37^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow m3_{-49}(\downarrow M6_{+49})^1} = (1) + \uparrow m3_{+18}(\downarrow M6_{-18})$

$4922 = 2^1 \bullet 23^1 \bullet 107^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow M6_{-10}(\downarrow m3_{+10})^1} = (1) + \uparrow m3_{+18}(\downarrow M6_{-18})$

$4923 = 3^2 \bullet 547^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m2_{+14}(\downarrow M7_{-14})^1} = (1) + \uparrow m3_{+18}(\downarrow M6_{-18})$

$4924 = 2^2 \bullet 1231^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m3_{+19}(\downarrow M6_{-19})^1} = (1) + \uparrow m3_{+19}(\downarrow M6_{-19})$

$4925 = 5^2 \bullet 197^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow P5_{+46}(\downarrow P4_{-46})^1} = (1) + \uparrow m3_{+19}(\downarrow M6_{-19})$

$4926 = 2^1 \bullet 3^1 \bullet 821^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m6_{+17}(\downarrow M3_{-17})^1} = (1) + \uparrow m3_{+19}(\downarrow M6_{-19})$

$4927 = 13^1 \bullet 379^1 = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow P5_{-21}(\downarrow P4_{+21})^1} = (1) + \uparrow m3_{+20}(\downarrow M6_{-20})$

$4928 = 2^6 \bullet 7^1 \bullet 11^1 = \mathbf{(1) + \updownarrow 8ve(uni)^6 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1} = (1) + \uparrow m3_{+20}(\downarrow M6_{-20})$

$4929 = 3^1 \bullet 31^1 \bullet 53^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M7_{+45}(\downarrow m2_{-45})^1 + \uparrow M6_{-26}(\downarrow m3_{+26})^1} = (1) + \uparrow m3_{+20}(\downarrow M6_{-20})$

$4930 = 2^1 \bullet 5^1 \bullet 17^1 \bullet 29^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1} = (1) + \uparrow m3_{+21}(\downarrow M6_{-21})$

$4931 = 4931^1 = \mathbf{(1) + \uparrow m3_{+21}(\downarrow M6_{-21})}$

$4932 = 2^2 \bullet 3^2 \bullet 137^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m2_{+18}(\downarrow M7_{-18})^1} = (1) + \uparrow m3_{+22}(\downarrow M6_{-22})$

$4933 = 4933^1 = \mathbf{(1) + \uparrow m3_{+22}(\downarrow M6_{-22})}$

$4934 = 2^1 \bullet 2467^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m3_{+22}(\downarrow M6_{-22})^1} = (1) + \uparrow m3_{+22}(\downarrow M6_{-22})$

$4935 = 3^1 \bullet 5^1 \bullet 7^1 \bullet 47^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow P5_{-34}(\downarrow P4_{+34})^1} =$
$(1) + \uparrow m3_{+23}(\downarrow M6_{-23})$

$4936 = 2^3 \bullet 617^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow m3_{+23}(\downarrow M6_{-23})^1} = (1) + \uparrow m3_{+23}(\downarrow M6_{-23})$

$4937 = 4937^1 = \mathbf{(1) + \uparrow m3_{+23}(\downarrow M6_{-23})}$

$4938 = 2^1 \bullet 3^1 \bullet 823^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m6_{+22}(\downarrow M3_{-22})^1} = (1) + \uparrow m3_{+24}(\downarrow M6_{-24})$

$4939 = 11^1 \bullet 449^1 = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m7_{-27}(\downarrow M2_{+27})^1} = (1) + \uparrow m3_{+24}(\downarrow M6_{-24})$

$4940 = 2^2 \bullet 5^1 \bullet 13^1 \bullet 19^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1} = (1) + \uparrow m3_{+24}(\downarrow M6_{-24})$

$4941 = 3^4 \bullet 61^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^4 + \uparrow M7_{+17}(\downarrow m2_{-17})^1} = (1) + \uparrow m3_{+25}(\downarrow M6_{-25})$

$4942 = 2^1 \bullet 7^1 \bullet 353^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow tt_{-44}(\downarrow tt_{+44})^1} = (1) + \uparrow m3_{+25}(\downarrow M6_{-25})$

$4943 = 4943^1 = \mathbf{(1) + \uparrow m3_{+25}(\downarrow M6_{-25})}$

$4944 = 2^4 \bullet 3^1 \bullet 103^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m6_{+24}(\downarrow M3_{-24})^1} = (1) + \uparrow m3_{+26}(\downarrow M6_{-26})$

$4945 = 5^1 \bullet 23^1 \bullet 43^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow P4_{+12}(\downarrow P5_{-12})^1} = (1) + \uparrow m3_{+26}(\downarrow M6_{-26})$

$4946 = 2^1 \bullet 2473^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m3_{+26}(\downarrow M6_{-26})^1} = (1) + \uparrow m3_{+26}(\downarrow M6_{-26})$

$4947 = 3^1 \bullet 17^1 \bullet 97^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow P5_{+20}(\downarrow P4_{-20})^1} = (1) + \uparrow m3_{+27}(\downarrow M6_{-27})$

$4948 = 2^2 \bullet 1237^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m3_{+27}(\downarrow M6_{-27})^1} = (1) + \uparrow m3_{+27}(\downarrow M6_{-27})$

$4949 = 7^2 \bullet 101^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^2 + \uparrow m6_{-10}(\downarrow M3_{+10})^1} = (1) + \uparrow m3_{+28}(\downarrow M6_{-28})$

$4950 = 2^1 \bullet 3^2 \bullet 5^2 \bullet 11^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow tt_{-49}(\downarrow tt_{+49})^1} = (1) + \uparrow m3_{+28}(\downarrow M6_{-28})$

$4951 = 4951^1 = \mathbf{(1) + \uparrow m3_{+28}(\downarrow M6_{-28})}$

$4952 = 2^3 \bullet 619^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow m3_{+29}(\downarrow M6_{-29})^1} = (1) + \uparrow m3_{+29}(\downarrow M6_{-29})$

$4953 = 3^1 \bullet 13^1 \bullet 127^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow 8ve_{-14}(\downarrow uni_{+14})^1} = (1) + \uparrow m3_{+29}(\downarrow M6_{-29})$

$4954 = 2^1 \bullet 2477^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m3_{+29}(\downarrow M6_{-29})^1} = (1) + \uparrow m3_{+29}(\downarrow M6_{-29})$

$4955 = 5^1 \bullet 991^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M7_{+43}(\downarrow m2_{-43})^1} = (1) + \uparrow m3_{+30}(\downarrow M6_{-30})$

$4956 = 2^2 \bullet 3^1 \bullet 7^1 \bullet 59^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M7_{-41}(\downarrow m2_{+41})^1} = (1) + \uparrow m3_{+30}(\downarrow M6_{-30})$

$4957 = 4957^1 = \mathbf{(1) + \uparrow m3_{+30}(\downarrow M6_{-30})}$

$4958 = 2^1 \bullet 37^1 \bullet 67^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m3_{-49}(\downarrow M6_{+49})^1 + \uparrow m2_{-21}(\downarrow M7_{+21})^1} = (1) + \uparrow m3_{+31}(\downarrow M6_{-31})$

$4959 = 3^2 \bullet 19^1 \bullet 29^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1} = (1) + \uparrow m3_{+31}(\downarrow M6_{-31})$

$4960 = 2^5 \bullet 5^1 \bullet 31^1 = \mathbf{(1) + \updownarrow 8ve(uni)^5 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M7_{+45}(\downarrow m2_{-45})^1} = (1) + \uparrow m3_{+31}(\downarrow M6_{-31})$

$4961 = 11^2 \bullet 41^1 = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^2 + \uparrow M3_{+29}(\downarrow m6_{-29})^1} = (1) + \uparrow m3_{+32}(\downarrow M6_{-32})$

$4962 = 2^1 \bullet 3^1 \bullet 827^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m6_{+30}(\downarrow M3_{-30})^1} = (1) + \uparrow m3_{+32}(\downarrow M6_{-32})$

$4963 = 7^1 \bullet 709^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow tt_{-36}(\downarrow tt_{+36})^1} = (1) + \uparrow m3_{+32}(\downarrow M6_{-32})$

$4964 = 2^2 \bullet 17^1 \bullet 73^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow M2_{+28}(\downarrow m7_{-28})^1} = (1) + \uparrow m3_{+33}(\downarrow M6_{-33})$

$4965 = 3^1 \bullet 5^1 \bullet 331^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M3_{+45}(\downarrow m6_{-45})^1} = (1) + \uparrow m3_{+33}(\downarrow M6_{-33})$

$4966 = 2^1 \bullet 13^1 \bullet 191^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow P5_{-7}(\downarrow P4_{+7})^1} = (1) + \uparrow m3_{+33}(\downarrow M6_{-33})$

$4967 = 4967^1 = \mathbf{(1) + \uparrow m3_{+34}(\downarrow M6_{-34})}$

$4968 = 2^3 \bullet 3^3 \bullet 23^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow tt_{+28}(\downarrow tt_{-28})^1} = (1) + \uparrow m3_{+34}(\downarrow M6_{-34})$

$4969 = 4969^1 = \mathbf{(1) + \uparrow m3_{+34}(\downarrow M6_{-34})}$

$4970 = 2^1 \bullet 5^1 \bullet 7^1 \bullet 71^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M2_{-20}(\downarrow m7_{+20})^1} = (1) + \uparrow m3_{+35}(\downarrow M6_{-35})$

$4971 = 3^1 \bullet 1657^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m6_{+33}(\downarrow M3_{-33})^1} = (1) + \uparrow m3_{+35}(\downarrow M6_{-35})$

$4972 = 2^2 \bullet 11^1 \bullet 113^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m7_{-16}(\downarrow M2_{+16})^1} = (1) + \uparrow m3_{+36}(\downarrow M6_{-36})$

$4973 = 4973^1 = \mathbf{(1) + \uparrow m3_{+36}(\downarrow M6_{-36})}$

$4974 = 2^1 \bullet 3^1 \bullet 829^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m6_{+34}(\downarrow M3_{-34})^1} = (1) + \uparrow m3_{+36}(\downarrow M6_{-36})$

$4975 = 5^2 \bullet 199^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow m6_{-36}(\downarrow M3_{+36})^1} = (1) + \uparrow m3_{+37}(\downarrow M6_{-37})$

$4976 = 2^4 \bullet 311^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow m3_{+37}(\downarrow M6_{-37})^1} = (1) + \uparrow m3_{+37}(\downarrow M6_{-37})$

$4977 = 3^2 \bullet 7^1 \bullet 79^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M3_{-35}(\downarrow m6_{+35})^1} = (1) + \uparrow m3_{+37}(\downarrow M6_{-37})$

$4978 = 2^1 \bullet 19^1 \bullet 131^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow uni_{+40}(\downarrow 8ve_{-40})^1} = (1) + \uparrow m3_{+38}(\downarrow M6_{-38})$

$4979 = 13^1 \bullet 383^1 = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow P5_{-3}(\downarrow P4_{+3})^1} = (1) + \uparrow m3_{+38}(\downarrow M6_{-38})$

$4980 = 2^2 \bullet 3^1 \bullet 5^1 \bullet 83^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow P4_{-50}(\downarrow P5_{+50})^1} = (1) + \uparrow m3_{+38}(\downarrow M6_{-38})$

$4981 = 17^1 \bullet 293^1 = \mathbf{(1) + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow M2_{+34}(\downarrow m7_{-34})^1} = (1) + \uparrow m3_{+39}(\downarrow M6_{-39})$

$4982 = 2^1 \bullet 47^1 \bullet 53^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{-34}(\downarrow P4_{+34})^1 + \uparrow M6_{-26}(\downarrow m3_{+26})^1} = (1) + \uparrow m3_{+39}(\downarrow M6_{-39})$

$4983 = 3^1 \bullet 11^1 \bullet 151^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m3_{-14}(\downarrow M6_{+14})^1} = (1) + \uparrow m3_{+39}(\downarrow M6_{-39})$

$4984 = 2^3 \bullet 7^1 \bullet 89^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow tt_{-29}(\downarrow tt_{+29})^1} = (1) + \uparrow m3_{+40}(\downarrow M6_{-40})$

$4985 = 5^1 \bullet 997^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow 8ve_{-46}(\downarrow uni_{+46})^1} = (1) + \uparrow m3_{+40}(\downarrow M6_{-40})$

$4986 = 2^1 \bullet 3^2 \bullet 277^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m2_{+36}(\downarrow M7_{-36})^1} = (1) + \uparrow m3_{+40}(\downarrow M6_{-40})$

$4987 = 4987^1 = \mathbf{(1) + \uparrow m3_{+41}(\downarrow M6_{-41})}$

$4988 = 2^2 \bullet 29^1 \bullet 43^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m7_{+30}(\downarrow M2_{-30})^1 + \uparrow P4_{+12}(\downarrow P5_{-12})^1} = (1) + \uparrow m3_{+41}(\downarrow M6_{-41})$

$4989 = 3^1 \bullet 1663^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m6_{+39}(\downarrow M3_{-39})^1} = (1) + \uparrow m3_{+41}(\downarrow M6_{-41})$

$4990 = 2^1 \bullet 5^1 \bullet 499^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow 8ve_{-45}(\downarrow uni_{+45})^1} = (1) + \uparrow m3_{+42}(\downarrow M6_{-42})$

$4991 = 7^1 \bullet 23^1 \bullet 31^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow M7_{+45}(\downarrow m2_{-45})^1} = (1) + \uparrow m3_{+42}(\downarrow M6_{-42})$

$4992 = 2^{7}\bullet 3^{1}\bullet 13^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{7} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1}} = (1) + \uparrow m3_{+42}(\downarrow M6_{-42})$

$4993 = 4993^{1} = \mathbf{(1) + \uparrow m3_{+43}(\downarrow M6_{-43})}$

$4994 = 2^{1}\bullet 11^{1}\bullet 227^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m7_{-8}(\downarrow M2_{+8})^{1}} = (1) + \uparrow m3_{+43}(\downarrow M6_{-43})$

$4995 = 3^{3}\bullet 5^{1}\bullet 37^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m3_{-49}(\downarrow M6_{+49})^{1}} = (1) + \uparrow m3_{+44}(\downarrow M6_{-44})$

$4996 = 2^{2}\bullet 1249^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m3_{+44}(\downarrow M6_{-44})^{1}} = (1) + \uparrow m3_{+44}(\downarrow M6_{-44})$

$4997 = 19^{1}\bullet 263^{1} = \mathbf{(1) + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow uni_{+47}(\downarrow 8ve_{-47})^{1}} = (1) + \uparrow m3_{+44}(\downarrow M6_{-44})$

$4998 = 2^{1}\bullet 3^{1}\bullet 7^{2}\bullet 17^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{2} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1}} = (1) + \uparrow m3_{+45}(\downarrow M6_{-45})$

$4999 = 4999^{1} = \mathbf{(1) + \uparrow m3_{+45}(\downarrow M6_{-45})}$

$5000 = 2^{3}\bullet 5^{4} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow M3_{-14}(\downarrow m6_{+14})^{4}} = (1) + \uparrow m3_{+45}(\downarrow M6_{-45})$

$5001 = 3^{1}\bullet 1667^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m6_{+44}(\downarrow M3_{-44})^{1}} = (1) + \uparrow m3_{+46}(\downarrow M6_{-46})$

$5002 = 2^{1}\bullet 41^{1}\bullet 61^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{+29}(\downarrow m6_{-29})^{1} + \uparrow M7_{+17}(\downarrow m2_{-17})^{1}} = (1) + \uparrow m3_{+46}(\downarrow M6_{-46})$

$5003 = 5003^{1} = \mathbf{(1) + \uparrow m3_{+46}(\downarrow M6_{-46})}$

$5004 = 2^{2}\bullet 3^{2}\bullet 139^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m2_{+43}(\downarrow M7_{-43})^{1}} = (1) + \uparrow m3_{+47}(\downarrow M6_{-47})$

$5005 = 5^{1}\bullet 7^{1}\bullet 11^{1}\bullet 13^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1}} = (1) + \uparrow m3_{+47}(\downarrow M6_{-47})$

$5006 = 2^{1}\bullet 2503^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m3_{+47}(\downarrow M6_{-47})^{1}} = (1) + \uparrow m3_{+47}(\downarrow M6_{-47})$

$5007 = 3^{1}\bullet 1669^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m6_{+46}(\downarrow M3_{-46})^{1}} = (1) + \uparrow m3_{+48}(\downarrow M6_{-48})$

$5008 = 2^{4}\bullet 313^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow m3_{+48}(\downarrow M6_{-48})^{1}} = (1) + \uparrow m3_{+48}(\downarrow M6_{-48})$

$5009 = 5009^{1} = \mathbf{(1) + \uparrow m3_{+48}(\downarrow M6_{-48})}$

$5010 = 2^{1}\bullet 3^{1}\bullet 5^{1}\bullet 167^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow P4_{-40}(\downarrow P5_{+40})^{1}} = (1) + \uparrow m3_{+49}(\downarrow M6_{-49})$

$5011 = 5011^{1} = \mathbf{(1) + \uparrow m3_{+49}(\downarrow M6_{-49})}$

$5012 = 2^{2}\bullet 7^{1}\bullet 179^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow tt_{-19}(\downarrow tt_{+19})^{1}} = (1) + \uparrow m3_{+49}(\downarrow M6_{-49})$

$5013 = 3^{2}\bullet 557^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m2_{+46}(\downarrow M7_{-46})^{1}} = (1) + \uparrow m3_{+50}(\downarrow M6_{-50})$

$5014 = 2^{1}\bullet 23^{1}\bullet 109^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow M6_{+22}(\downarrow m3_{-22})^{1}} = (1) + \uparrow M3_{-50}(\downarrow m6_{+50})$

$5015 = 5^{1}\bullet 17^{1}\bullet 59^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow M7_{-41}(\downarrow m2_{+41})^{1}} = (1) + \uparrow M3_{-50}(\downarrow m6_{+50})$

$5016 = 2^{3}\bullet 3^{1}\bullet 11^{1}\bullet 19^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1}} = (1) + \uparrow M3_{-49}(\downarrow m6_{+49})$

$5017 = 29^{1}\bullet 173^{1} = \mathbf{(1) + \uparrow m7_{+30}(\downarrow M2_{-30})^{1} + \uparrow P4_{+22}(\downarrow P5_{-22})^{1}} = (1) + \uparrow M3_{-49}(\downarrow m6_{+49})$

$5018 = 2^{1}\bullet 13^{1}\bullet 193^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow P5_{+11}(\downarrow P4_{-11})^{1}} = (1) + \uparrow M3_{-49}(\downarrow m6_{+49})$

$5019 = 3^{1}\bullet 7^{1}\bullet 239^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M7_{-19}(\downarrow m2_{+19})^{1}} = (1) + \uparrow M3_{-48}(\downarrow m6_{+48})$

$5020 = 2^{2}\bullet 5^{1}\bullet 251^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow 8ve_{-34}(\downarrow uni_{+34})^{1}} = (1) + \uparrow M3_{-48}(\downarrow m6_{+48})$

$5021 = 5021^{1} = \mathbf{(1) + \uparrow M3_{-47}(\downarrow m6_{+47})}$

$5022 = 2^{1}\bullet 3^{4}\bullet 31^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{4} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1}} = (1) + \uparrow M3_{-47}(\downarrow m6_{+47})$

$5023 = 5023^{1} = \mathbf{(1) + \uparrow M3_{-47}(\downarrow m6_{+47})}$

$5024 = 2^{5}\bullet 157^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{5} + \uparrow M3_{-46}(\downarrow m6_{+46})^{1}} = (1) + \uparrow M3_{-46}(\downarrow m6_{+46})$

$5025 = 3^{1}\bullet 5^{2}\bullet 67^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow m2_{-21}(\downarrow M7_{+21})^{1}} = (1) + \uparrow M3_{-46}(\downarrow m6_{+46})$

$5026 = 2^{1}\bullet 7^{1}\bullet 359^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow tt_{-15}(\downarrow tt_{+15})^{1}} = (1) + \uparrow M3_{-46}(\downarrow m6_{+46})$

$5027 = 11^{1}\bullet 457^{1} = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m7_{+3}(\downarrow M2_{-3})^{1}} = (1) + \uparrow M3_{-45}(\downarrow m6_{+45})$

$5028 = 2^{2}\bullet 3^{1}\bullet 419^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M6_{-47}(\downarrow m3_{+47})^{1}} = (1) + \uparrow M3_{-45}(\downarrow m6_{+45})$

$5029 = 47^{1}\bullet 107^{1} = \mathbf{(1) + \uparrow P5_{-34}(\downarrow P4_{+34})^{1} + \uparrow M6_{-10}(\downarrow m3_{+10})^{1}} = (1) + \uparrow M3_{-45}(\downarrow m6_{+45})$

$5030 = 2^{1}\bullet 5^{1}\bullet 503^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow 8ve_{-31}(\downarrow uni_{+31})^{1}} = (1) + \uparrow M3_{-44}(\downarrow m6_{+44})$

$5031 = 3^{2}\bullet 13^{1}\bullet 43^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow P4_{+12}(\downarrow P5_{-12})^{1}} = (1) + \uparrow M3_{-44}(\downarrow m6_{+44})$

$5032 = 2^{3}\bullet 17^{1}\bullet 37^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow m3_{-49}(\downarrow M6_{+49})^{1}} = (1) + \uparrow M3_{-44}(\downarrow m6_{+44})$

$5033 = 7^{1}\bullet 719^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow tt_{-12}(\downarrow tt_{+12})^{1}} = (1) + \uparrow M3_{-43}(\downarrow m6_{+43})$

$5034 = 2^{1}\bullet 3^{1}\bullet 839^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M6_{-45}(\downarrow m3_{+45})^{1}} = (1) + \uparrow M3_{-43}(\downarrow m6_{+43})$

$5035 = 5^{1}\bullet 19^{1}\bullet 53^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow M6_{-26}(\downarrow m3_{+26})^{1}} = (1) + \uparrow M3_{-43}(\downarrow m6_{+43})$

$5036 = 2^{2}\bullet 1259^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M3_{-42}(\downarrow m6_{+42})^{1}} = (1) + \uparrow M3_{-42}(\downarrow m6_{+42})$

$5037 = 3^{1}\bullet 23^{1}\bullet 73^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow M2_{+28}(\downarrow m7_{-28})^{1}} = (1) + \uparrow M3_{-42}(\downarrow m6_{+42})$

$5038 = 2^{1}\bullet 11^{1}\bullet 229^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m7_{+7}(\downarrow M2_{-7})^{1}} = (1) + \uparrow M3_{-42}(\downarrow m6_{+42})$

$5039 = 5039^{1} = \mathbf{(1) + \uparrow M3_{-41}(\downarrow m6_{+41})}$

$5040 = 2^{4}\bullet 3^{2}\bullet 5^{1}\bullet 7^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1}} = (1) + \uparrow M3_{-41}(\downarrow m6_{+41})$

$5041 = 71^{2} = \mathbf{(1) + \uparrow M2_{-20}(\downarrow m7_{+20})^{2}} = (1) + \uparrow M3_{-41}(\downarrow m6_{+41})$

$5042 = 2^{1}\bullet 2521^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-40}(\downarrow m6_{+40})^{1}} = (1) + \uparrow M3_{-40}(\downarrow m6_{+40})$

$5043 = 3^{1}\bullet 41^{2} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{+29}(\downarrow m6_{-29})^{2}} = (1) + \uparrow M3_{-40}(\downarrow m6_{+40})$

$5044 = 2^{2}\bullet 13^{1}\bullet 97^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow P5_{+20}(\downarrow P4_{-20})^{1}} = (1) + \uparrow M3_{-40}(\downarrow m6_{+40})$

$5045 = 5^{1}\bullet 1009^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow 8ve_{-26}(\downarrow uni_{+26})^{1}} = (1) + \uparrow M3_{-39}(\downarrow m6_{+39})$

$5046 = 2^{1}\bullet 3^{1}\bullet 29^{2} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{+30}(\downarrow M2_{-30})^{2}} = (1) + \uparrow M3_{-39}(\downarrow m6_{+39})$

$5047 = 7^{2}\bullet 103^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{2} + \uparrow m6_{+24}(\downarrow M3_{-24})^{1}} = (1) + \uparrow M3_{-39}(\downarrow m6_{+39})$

$5048 = 2^{3}\bullet 631^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow M3_{-38}(\downarrow m6_{+38})^{1}} = (1) + \uparrow M3_{-38}(\downarrow m6_{+38})$

$5049 = 3^{3}\bullet 11^{1}\bullet 17^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1}} = (1) + \uparrow M3_{-38}(\downarrow m6_{+38})$

$5050 = 2^{1}\bullet 5^{2}\bullet 101^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow m6_{-10}(\downarrow M3_{+10})^{1}} = (1) + \uparrow M3_{-38}(\downarrow m6_{+38})$

$5051 = 5051^{1} = \mathbf{(1) + \uparrow M3_{-37}(\downarrow m6_{+37})}$

$5052 = 2^{2}\bullet 3^{1}\bullet 421^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M6_{-39}(\downarrow m3_{+39})^{1}} = (1) + \uparrow M3_{-37}(\downarrow m6_{+37})$

$5053 = 31^{1}\bullet 163^{1} = \mathbf{(1) + \uparrow M7_{+45}(\downarrow m2_{-45})^{1} + \uparrow M3_{+18}(\downarrow m6_{-18})^{1}} = (1) + \uparrow M3_{-36}(\downarrow m6_{+36})$

$5054 = 2^{1}\bullet 7^{1}\bullet 19^{2} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{2}} = (1) + \uparrow M3_{-36}(\downarrow m6_{+36})$

$5055 = 3^{1}\bullet 5^{1}\bullet 337^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow P4_{-24}(\downarrow P5_{+24})^{1}} = (1) + \uparrow M3_{-36}(\downarrow m6_{+36})$

$5056 = 2^{6}\bullet 79^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{6} + \uparrow M3_{-35}(\downarrow m6_{+35})^{1}} = (1) + \uparrow M3_{-35}(\downarrow m6_{+35})$

$5057 = 13^{1}\bullet 389^{1} = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow P5_{+24}(\downarrow P4_{-24})^{1}} = (1) + \uparrow M3_{-35}(\downarrow m6_{+35})$

$5058 = 2^{1}\bullet 3^{2}\bullet 281^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M2_{-39}(\downarrow m7_{+39})^{1}} = (1) + \uparrow M3_{-35}(\downarrow m6_{+35})$

$5059 = 5059^{1} = \mathbf{(1) + \uparrow M3_{-34}(\downarrow m6_{+34})}$

$5060 = 2^{2}\bullet 5^{1}\bullet 11^{1}\bullet 23^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1}} = (1) + \uparrow M3_{-34}(\downarrow m6_{+34})$

$5061 = 3^{1}\bullet 7^{1}\bullet 241^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M7_{-5}(\downarrow m2_{+5})^{1}} = (1) + \uparrow M3_{-34}(\downarrow m6_{+34})$

$5062 = 2^{1}\bullet 2531^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-33}(\downarrow m6_{+33})^{1}} = (1) + \uparrow M3_{-33}(\downarrow m6_{+33})$

$5063 = 61^{1}\bullet 83^{1} = \mathbf{(1) + \uparrow M7_{+17}(\downarrow m2_{-17})^{1} + \uparrow P4_{-50}(\downarrow P5_{+50})^{1}} = (1) + \uparrow M3_{-33}(\downarrow m6_{+33})$

$5064 = 2^{3}\bullet 3^{1}\bullet 211^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M6_{-35}(\downarrow m3_{+35})^{1}} = (1) + \uparrow M3_{-33}(\downarrow m6_{+33})$

$5065 = 5^{1}\bullet 1013^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow 8ve_{-19}(\downarrow uni_{+19})^{1}} = (1) + \uparrow M3_{-32}(\downarrow m6_{+32})$

$5066 = 2^{1}\bullet 17^{1}\bullet 149^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow m3_{-37}(\downarrow M6_{+37})^{1}} = (1) + \uparrow M3_{-32}(\downarrow m6_{+32})$

$5067 = 3^{2}\bullet 563^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M2_{-36}(\downarrow m7_{+36})^{1}} = (1) + \uparrow M3_{-32}(\downarrow m6_{+32})$

$5068 = 2^{2}\bullet 7^{1}\bullet 181^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow tt_{+0}(\downarrow tt_{-0})^{1}} = (1) + \uparrow M3_{-31}(\downarrow m6_{+31})$

$5069 = 37^{1}\bullet 137^{1} = \mathbf{(1) + \uparrow m3_{-49}(\downarrow M6_{+49})^{1} + \uparrow m2_{+18}(\downarrow M7_{-18})^{1}} = (1) + \uparrow M3_{-31}(\downarrow m6_{+31})$

$5070 = 2^{1}\bullet 3^{1}\bullet 5^{1}\bullet 13^{2} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{2}} = (1) + \uparrow M3_{-31}(\downarrow m6_{+31})$

$5071 = 11^{1}\bullet 461^{1} = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m7_{+18}(\downarrow M2_{-18})^{1}} = (1) + \uparrow M3_{-30}(\downarrow m6_{+30})$

$5072 = 2^{4}\bullet 317^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow M3_{-30}(\downarrow m6_{+30})^{1}} = (1) + \uparrow M3_{-30}(\downarrow m6_{+30})$

$5073 = 3^{1}\bullet 19^{1}\bullet 89^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow tt_{-29}(\downarrow tt_{+29})^{1}} = (1) + \uparrow M3_{-30}(\downarrow m6_{+30})$

$5074 = 2^{1}\bullet 43^{1}\bullet 59^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P4_{+12}(\downarrow P5_{-12})^{1} + \uparrow M7_{-41}(\downarrow m2_{+41})^{1}} = (1) + \uparrow M3_{-29}(\downarrow m6_{+29})$

$5075 = 5^{2}\bullet 7^{1}\bullet 29^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1}} = (1) + \uparrow M3_{-29}(\downarrow m6_{+29})$

$5076 = 2^2 \bullet 3^3 \bullet 47^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow P5_{-34}(\downarrow P4_{+34})^1} = (1) + \uparrow M3_{-29}(\downarrow m6_{+29})$

$5077 = 5077^1 = \mathbf{(1) + \uparrow M3_{-28}(\downarrow m6_{+28})}$

$5078 = 2^1 \bullet 2539^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-28}(\downarrow m6_{+28})^1} = (1) + \uparrow M3_{-28}(\downarrow m6_{+28})$

$5079 = 3^1 \bullet 1693^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M6_{-30}(\downarrow m3_{+30})^1} = (1) + \uparrow M3_{-28}(\downarrow m6_{+28})$

$5080 = 2^3 \bullet 5^1 \bullet 127^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow 8ve_{-14}(\downarrow uni_{+14})^1} = (1) + \uparrow M3_{-27}(\downarrow m6_{+27})$

$5081 = 5081^1 = \mathbf{(1) + \uparrow M3_{-27}(\downarrow m6_{+27})}$

$5082 = 2^1 \bullet 3^1 \bullet 7^1 \bullet 11^2 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^2} = (1) + \uparrow M3_{-27}(\downarrow m6_{+27})$

$5083 = 13^1 \bullet 17^1 \bullet 23^1 = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1} = (1) + \uparrow M3_{-26}(\downarrow m6_{+26})$

$5084 = 2^2 \bullet 31^1 \bullet 41^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M7_{+45}(\downarrow m2_{-45})^1 + \uparrow M3_{+29}(\downarrow m6_{-29})^1} = (1) + \uparrow M3_{-26}(\downarrow m6_{+26})$

$5085 = 3^2 \bullet 5^1 \bullet 113^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-16}(\downarrow M2_{+16})^1} = (1) + \uparrow M3_{-26}(\downarrow m6_{+26})$

$5086 = 2^1 \bullet 2543^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-25}(\downarrow m6_{+25})^1} = (1) + \uparrow M3_{-25}(\downarrow m6_{+25})$

$5087 = 5087^1 = \mathbf{(1) + \uparrow M3_{-25}(\downarrow m6_{+25})}$

$5088 = 2^5 \bullet 3^1 \bullet 53^1 = \mathbf{(1) + \updownarrow 8ve(uni)^5 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M6_{-26}(\downarrow m3_{+26})^1} = (1) + \uparrow M3_{-25}(\downarrow m6_{+25})$

$5089 = 7^1 \bullet 727^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow tt_{+7}(\downarrow tt_{-7})^1} = (1) + \uparrow M3_{-24}(\downarrow m6_{+24})$

$5090 = 2^1 \bullet 5^1 \bullet 509^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow 8ve_{-10}(\downarrow uni_{+10})^1} = (1) + \uparrow M3_{-24}(\downarrow m6_{+24})$

$5091 = 3^1 \bullet 1697^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M6_{-25}(\downarrow m3_{+25})^1} = (1) + \uparrow M3_{-24}(\downarrow m6_{+24})$

$5092 = 2^2 \bullet 19^1 \bullet 67^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow m2_{-21}(\downarrow M7_{+21})^1} = (1) + \uparrow M3_{-23}(\downarrow m6_{+23})$

$5093 = 11^1 \bullet 463^1 = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m7_{+26}(\downarrow M2_{-26})^1} = (1) + \uparrow M3_{-23}(\downarrow m6_{+23})$

$5094 = 2^1 \bullet 3^2 \bullet 283^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M2_{-26}(\downarrow m7_{+26})^1} = (1) + \uparrow M3_{-23}(\downarrow m6_{+23})$

$5095 = 5^1 \bullet 1019^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow 8ve_{-8}(\downarrow uni_{+8})^1} = (1) + \uparrow M3_{-22}(\downarrow m6_{+22})$

$5096 = 2^3 \bullet 7^2 \bullet 13^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow m7_{-31}(\downarrow M2_{+31})^2 + \uparrow m6_{+41}(\downarrow M3_{-41})^1} = (1) + \uparrow M3_{-22}(\downarrow m6_{+22})$

$5097 = 3^1 \bullet 1699^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M6_{-23}(\downarrow m3_{+23})^1} = (1) + \uparrow M3_{-21}(\downarrow m6_{+21})$

$5098 = 2^1 \bullet 2549^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-21}(\downarrow m6_{+21})^1} = (1) + \uparrow M3_{-21}(\downarrow m6_{+21})$

$5099 = 5099^1 = \mathbf{(1) + \uparrow M3_{-21}(\downarrow m6_{+21})}$

$5100 = 2^2 \bullet 3^1 \bullet 5^2 \bullet 17^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow m2_{+5}(\downarrow M7_{-5})^1} = (1) + \uparrow M3_{-20}(\downarrow m6_{+20})$

$5101 = 5101^1 = \mathbf{(1) + \uparrow M3_{-20}(\downarrow m6_{+20})}$

$5102 = 2^1 \bullet 2551^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-20}(\downarrow m6_{+20})^1} = (1) + \uparrow M3_{-20}(\downarrow m6_{+20})$

$5103 = 3^6 \bullet 7^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^6 + \uparrow m7_{-31}(\downarrow M2_{+31})^1} = (1) + \uparrow M3_{-19}(\downarrow m6_{+19})$

$5104 = 2^4 \bullet 11^1 \bullet 29^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1} = (1) + \uparrow M3_{-19}(\downarrow m6_{+19})$

$5105 = 5^1 \bullet 1021^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow 8ve_{-5}(\downarrow uni_{+5})^1} = (1) + \uparrow M3_{-19}(\downarrow m6_{+19})$

$5106 = 2^1 \bullet 3^1 \bullet 23^1 \bullet 37^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow m3_{-49}(\downarrow M6_{+49})^1} = (1) + \uparrow M3_{-18}(\downarrow m6_{+18})$

$5107 = 5107^1 = \mathbf{(1) + \uparrow M3_{-18}(\downarrow m6_{+18})}$

$5108 = 2^2 \bullet 1277^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M3_{-18}(\downarrow m6_{+18})^1} = (1) + \uparrow M3_{-18}(\downarrow m6_{+18})$

$5109 = 3^1 \bullet 13^1 \bullet 131^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow uni_{+40}(\downarrow 8ve_{-40})^1} = (1) + \uparrow M3_{-17}(\downarrow m6_{+17})$

$5110 = 2^1 \bullet 5^1 \bullet 7^1 \bullet 73^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M2_{+28}(\downarrow m7_{-28})^1} = (1) + \uparrow M3_{-17}(\downarrow m6_{+17})$

$5111 = 19^1 \bullet 269^1 = \mathbf{(1) + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow m2_{-14}(\downarrow M7_{+14})^1} = (1) + \uparrow M3_{-17}(\downarrow m6_{+17})$

$5112 = 2^3 \bullet 3^2 \bullet 71^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M2_{-20}(\downarrow m7_{+20})^1} = (1) + \uparrow M3_{-16}(\downarrow m6_{+16})$

$5113 = 5113^1 = \mathbf{(1) + \uparrow M3_{-16}(\downarrow m6_{+16})}$

$5114 = 2^1 \bullet 2557^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-16}(\downarrow m6_{+16})^1} = (1) + \uparrow M3_{-16}(\downarrow m6_{+16})$

$5115 = 3^1 \bullet 5^1 \bullet 11^1 \bullet 31^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow M7_{+45}(\downarrow m2_{-45})^1} = (1) + \uparrow M3_{-15}(\downarrow m6_{+15})$

$5116 = 2^2 \bullet 1279^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M3_{-15}(\downarrow m6_{+15})^1} = (1) + \uparrow M3_{-15}(\downarrow m6_{+15})$

$5117 = 7^1 \bullet 17^1 \bullet 43^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow P4_{+12}(\downarrow P5_{-12})^1} = (1) + \uparrow M3_{-15}(\downarrow m6_{+15})$

$5118 = 2^{1}\bullet 3^{1}\bullet 853^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M6_{-16}(\downarrow m3_{+16})^{1}} = (1) + \uparrow M3_{-14}(\downarrow m6_{+14})$

$5119 = 5119^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})}$

$5120 = 2^{10}\bullet 5^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{10} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1}} = (1) + \uparrow M3_{-14}(\downarrow m6_{+14})$

$5121 = 3^{2}\bullet 569^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M2_{-17}(\downarrow m7_{+17})^{1}} = (1) + \uparrow M3_{-13}(\downarrow m6_{+13})$

$5122 = 2^{1}\bullet 13^{1}\bullet 197^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow P5_{+46}(\downarrow P4_{-46})^{1}} = (1) + \uparrow M3_{-13}(\downarrow m6_{+13})$

$5123 = 47^{1}\bullet 109^{1} = \mathbf{(1) + \uparrow P5_{-34}(\downarrow P4_{+34})^{1} + \uparrow M6_{+22}(\downarrow m3_{-22})^{1}} = (1) + \uparrow M3_{-13}(\downarrow m6_{+13})$

$5124 = 2^{2}\bullet 3^{1}\bullet 7^{1}\bullet 61^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M7_{+17}(\downarrow m2_{-17})^{1}} = (1) + \uparrow M3_{-12}(\downarrow m6_{+12})$

$5125 = 5^{3}\bullet 41^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{3} + \uparrow M3_{+29}(\downarrow m6_{-29})^{1}} = (1) + \uparrow M3_{-12}(\downarrow m6_{+12})$

$5126 = 2^{1}\bullet 11^{1}\bullet 233^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m7_{+37}(\downarrow M2_{-37})^{1}} = (1) + \uparrow M3_{-12}(\downarrow m6_{+12})$

$5127 = 3^{1}\bullet 1709^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M6_{-13}(\downarrow m3_{+13})^{1}} = (1) + \uparrow M3_{-11}(\downarrow m6_{+11})$

$5128 = 2^{3}\bullet 641^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow M3_{-11}(\downarrow m6_{+11})^{1}} = (1) + \uparrow M3_{-11}(\downarrow m6_{+11})$

$5129 = 23^{1}\bullet 223^{1} = \mathbf{(1) + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow m7_{-39}(\downarrow M2_{+39})^{1}} = (1) + \uparrow M3_{-11}(\downarrow m6_{+11})$

$5130 = 2^{1}\bullet 3^{3}\bullet 5^{1}\bullet 19^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1}} = (1) + \uparrow M3_{-10}(\downarrow m6_{+10})$

$5131 = 7^{1}\bullet 733^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow tt_{+21}(\downarrow tt_{-21})^{1}} = (1) + \uparrow M3_{-10}(\downarrow m6_{+10})$

$5132 = 2^{2}\bullet 1283^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M3_{-10}(\downarrow m6_{+10})^{1}} = (1) + \uparrow M3_{-10}(\downarrow m6_{+10})$

$5133 = 3^{1}\bullet 29^{1}\bullet 59^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1} + \uparrow M7_{-41}(\downarrow m2_{+41})^{1}} = (1) + \uparrow M3_{-9}(\downarrow m6_{+9})$

$5134 = 2^{1}\bullet 17^{1}\bullet 151^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow m3_{-14}(\downarrow M6_{+14})^{1}} = (1) + \uparrow M3_{-9}(\downarrow m6_{+9})$

$5135 = 5^{1}\bullet 13^{1}\bullet 79^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow M3_{-35}(\downarrow m6_{+35})^{1}} = (1) + \uparrow M3_{-9}(\downarrow m6_{+9})$

$5136 = 2^{4}\bullet 3^{1}\bullet 107^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M6_{-10}(\downarrow m3_{+10})^{1}} = (1) + \uparrow M3_{-8}(\downarrow m6_{+8})$

$5137 = 11^{1}\bullet 467^{1} = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m7_{+41}(\downarrow M2_{-41})^{1}} = (1) + \uparrow M3_{-8}(\downarrow m6_{+8})$

$5138 = 2^{1}\bullet 7^{1}\bullet 367^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow tt_{+24}(\downarrow tt_{-24})^{1}} = (1) + \uparrow M3_{-8}(\downarrow m6_{+8})$

$5139 = 3^{2}\bullet 571^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M2_{-11}(\downarrow m7_{+11})^{1}} = (1) + \uparrow M3_{-7}(\downarrow m6_{+7})$

$5140 = 2^{2}\bullet 5^{1}\bullet 257^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow uni_{+7}(\downarrow 8ve_{-7})^{1}} = (1) + \uparrow M3_{-7}(\downarrow m6_{+7})$

$5141 = 53^{1}\bullet 97^{1} = \mathbf{(1) + \uparrow M6_{-26}(\downarrow m3_{+26})^{1} + \uparrow P5_{+20}(\downarrow P4_{-20})^{1}} = (1) + \uparrow M3_{-7}(\downarrow m6_{+7})$

$5142 = 2^{1}\bullet 3^{1}\bullet 857^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M6_{-8}(\downarrow m3_{+8})^{1}} = (1) + \uparrow M3_{-6}(\downarrow m6_{+6})$

$5143 = 37^{1}\bullet 139^{1} = \mathbf{(1) + \uparrow m3_{-49}(\downarrow M6_{+49})^{1} + \uparrow m2_{+43}(\downarrow M7_{-43})^{1}} = (1) + \uparrow M3_{-6}(\downarrow m6_{+6})$

$5144 = 2^{3}\bullet 643^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow M3_{-6}(\downarrow m6_{+6})^{1}} = (1) + \uparrow M3_{-6}(\downarrow m6_{+6})$

$5145 = 3^{1}\bullet 5^{1}\bullet 7^{3} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{3}} = (1) + \uparrow M3_{-5}(\downarrow m6_{+5})$

$5146 = 2^{1}\bullet 31^{1}\bullet 83^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1} + \uparrow P4_{-50}(\downarrow P5_{+50})^{1}} = (1) + \uparrow M3_{-5}(\downarrow m6_{+5})$

$5147 = 5147^{1} = \mathbf{(1) + \uparrow M3_{-5}(\downarrow m6_{+5})}$

$5148 = 2^{2}\bullet 3^{2}\bullet 11^{1}\bullet 13^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1}} = (1) + \uparrow M3_{-4}(\downarrow m6_{+4})$

$5149 = 19^{1}\bullet 271^{1} = \mathbf{(1) + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow m2_{-1}(\downarrow M7_{+1})^{1}} = (1) + \uparrow M3_{-4}(\downarrow m6_{+4})$

$5150 = 2^{1}\bullet 5^{2}\bullet 103^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow m6_{+24}(\downarrow M3_{-24})^{1}} = (1) + \uparrow M3_{-4}(\downarrow m6_{+4})$

$5151 = 3^{1}\bullet 17^{1}\bullet 101^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow m6_{-10}(\downarrow M3_{+10})^{1}} = (1) + \uparrow M3_{-3}(\downarrow m6_{+3})$

$5152 = 2^{5}\bullet 7^{1}\bullet 23^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{5} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1}} = (1) + \uparrow M3_{-3}(\downarrow m6_{+3})$

$5153 = 5153^{1} = \mathbf{(1) + \uparrow M3_{-3}(\downarrow m6_{+3})}$

$5154 = 2^{1}\bullet 3^{1}\bullet 859^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M6_{-4}(\downarrow m3_{+4})^{1}} = (1) + \uparrow M3_{-2}(\downarrow m6_{+2})$

$5155 = 5^{1}\bullet 1031^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow uni_{+12}(\downarrow 8ve_{-12})^{1}} = (1) + \uparrow M3_{-2}(\downarrow m6_{+2})$

$5156 = 2^{2}\bullet 1289^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M3_{-2}(\downarrow m6_{+2})^{1}} = (1) + \uparrow M3_{-2}(\downarrow m6_{+2})$

$5157 = 3^{3}\bullet 191^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow P5_{-7}(\downarrow P4_{+7})^{1}} = (1) + \uparrow M3_{-1}(\downarrow m6_{+1})$

$5158 = 2^{1}\bullet 2579^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-1}(\downarrow m6_{+1})^{1}} = (1) + \uparrow M3_{-1}(\downarrow m6_{+1})$

$5159 = 7^{1}\bullet 11^{1}\bullet 67^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m2_{-21}(\downarrow M7_{+21})^{1}} = (1) + \uparrow M3_{-1}(\downarrow m6_{+1})$

$5160 = 2^3 \bullet 3^1 \bullet 5^1 \bullet 43^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow P4_{+12}(\downarrow P5_{-12})^1} = (1) + \uparrow M3_{+0}(\downarrow m6_{-0})$

$5161 = 13^1 \bullet 397^1 = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow m6_{-40}(\downarrow M3_{+40})^1} = (1) + \uparrow M3_{+0}(\downarrow m6_{-0})$

$5162 = 2^1 \bullet 29^1 \bullet 89^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1 + \uparrow tt_{-29}(\downarrow tt_{+29})^1} = (1) + \uparrow M3_{+0}(\downarrow m6_{-0})$

$5163 = 3^1 \bullet 1721^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M6_{-1}(\downarrow m3_{+1})^1} = (1) + \uparrow M3_{+1}(\downarrow m6_{-1})$

$5164 = 2^2 \bullet 1291^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M3_{+1}(\downarrow m6_{-1})^1} = (1) + \uparrow M3_{+1}(\downarrow m6_{-1})$

$5165 = 5^1 \bullet 1033^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow uni_{+15}(\downarrow 8ve_{-15})^1} = (1) + \uparrow M3_{+1}(\downarrow m6_{-1})$

$5166 = 2^1 \bullet 3^2 \bullet 7^1 \bullet 41^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M3_{+29}(\downarrow m6_{-29})^1} = (1) + \uparrow M3_{+2}(\downarrow m6_{-2})$

$5167 = 5167^1 = \mathbf{(1) + \uparrow M3_{+2}(\downarrow m6_{-2})}$

$5168 = 2^4 \bullet 17^1 \bullet 19^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1} = (1) + \uparrow M3_{+2}(\downarrow m6_{-2})$

$5169 = 3^1 \bullet 1723^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M6_{+1}(\downarrow m3_{-1})^1} = (1) + \uparrow M3_{+3}(\downarrow m6_{-3})$

$5170 = 2^1 \bullet 5^1 \bullet 11^1 \bullet 47^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow P5_{-34}(\downarrow P4_{+34})^1} = (1) + \uparrow M3_{+3}(\downarrow m6_{-3})$

$5171 = 5171^1 = \mathbf{(1) + \uparrow M3_{+3}(\downarrow m6_{-3})}$

$5172 = 2^2 \bullet 3^1 \bullet 431^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M6_{+2}(\downarrow m3_{-2})^1} = (1) + \uparrow M3_{+4}(\downarrow m6_{-4})$

$5173 = 7^1 \bullet 739^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow tt_{+35}(\downarrow tt_{-35})^1} = (1) + \uparrow M3_{+4}(\downarrow m6_{-4})$

$5174 = 2^1 \bullet 13^1 \bullet 199^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow m6_{-36}(\downarrow M3_{+36})^1} = (1) + \uparrow M3_{+4}(\downarrow m6_{-4})$

$5175 = 3^2 \bullet 5^2 \bullet 23^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow tt_{+28}(\downarrow tt_{-28})^1} = (1) + \uparrow M3_{+5}(\downarrow m6_{-5})$

$5176 = 2^3 \bullet 647^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow M3_{+5}(\downarrow m6_{-5})^1} = (1) + \uparrow M3_{+5}(\downarrow m6_{-5})$

$5177 = 31^1 \bullet 167^1 = \mathbf{(1) + \uparrow M7_{+45}(\downarrow m2_{-45})^1 + \uparrow P4_{-40}(\downarrow P5_{+40})^1} = (1) + \uparrow M3_{+5}(\downarrow m6_{-5})$

$5178 = 2^1 \bullet 3^1 \bullet 863^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M6_{+4}(\downarrow m3_{-4})^1} = (1) + \uparrow M3_{+6}(\downarrow m6_{-6})$

$5179 = 5179^1 = \mathbf{(1) + \uparrow M3_{+6}(\downarrow m6_{-6})}$

$5180 = 2^2 \bullet 5^1 \bullet 7^1 \bullet 37^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m3_{-49}(\downarrow M6_{+49})^1} = (1) + \uparrow M3_{+6}(\downarrow m6_{-6})$

$5181 = 3^1 \bullet 11^1 \bullet 157^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow M3_{-46}(\downarrow m6_{+46})^1} = (1) + \uparrow M3_{+7}(\downarrow m6_{-7})$

$5182 = 2^1 \bullet 2591^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{+7}(\downarrow m6_{-7})^1} = (1) + \uparrow M3_{+7}(\downarrow m6_{-7})$

$5183 = 71^1 \bullet 73^1 = \mathbf{(1) + \uparrow M2_{-20}(\downarrow m7_{+20})^1 + \uparrow M2_{+28}(\downarrow m7_{-28})^1} = (1) + \uparrow M3_{+7}(\downarrow m6_{-7})$

$5184 = 2^6 \bullet 3^4 = \mathbf{(1) + \updownarrow 8ve(uni)^6 + \uparrow P5_{+2}(\downarrow P4_{-2})^4} = (1) + \uparrow M3_{+8}(\downarrow m6_{-8})$

$5185 = 5^1 \bullet 17^1 \bullet 61^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow M7_{+17}(\downarrow m2_{-17})^1} = (1) + \uparrow M3_{+8}(\downarrow m6_{-8})$

$5186 = 2^1 \bullet 2593^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{+8}(\downarrow m6_{-8})^1} = (1) + \uparrow M3_{+8}(\downarrow m6_{-8})$

$5187 = 3^1 \bullet 7^1 \bullet 13^1 \bullet 19^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1} = (1) + \uparrow M3_{+9}(\downarrow m6_{-9})$

$5188 = 2^2 \bullet 1297^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M3_{+9}(\downarrow m6_{-9})^1} = (1) + \uparrow M3_{+9}(\downarrow m6_{-9})$

$5189 = 5189^1 = \mathbf{(1) + \uparrow M3_{+9}(\downarrow m6_{-9})}$

$5190 = 2^1 \bullet 3^1 \bullet 5^1 \bullet 173^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow P4_{+22}(\downarrow P5_{-22})^1} = (1) + \uparrow M3_{+10}(\downarrow m6_{-10})$

$5191 = 29^1 \bullet 179^1 = \mathbf{(1) + \uparrow m7_{+30}(\downarrow M2_{-30})^1 + \uparrow tt_{-19}(\downarrow tt_{+19})^1} = (1) + \uparrow M3_{+10}(\downarrow m6_{-10})$

$5192 = 2^3 \bullet 11^1 \bullet 59^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow M7_{-41}(\downarrow m2_{+41})^1} = (1) + \uparrow M3_{+10}(\downarrow m6_{-10})$

$5193 = 3^2 \bullet 577^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M2_{+7}(\downarrow m7_{-7})^1} = (1) + \uparrow M3_{+11}(\downarrow m6_{-11})$

$5194 = 2^1 \bullet 7^2 \bullet 53^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^2 + \uparrow M6_{-26}(\downarrow m3_{+26})^1} = (1) + \uparrow M3_{+11}(\downarrow m6_{-11})$

$5195 = 5^1 \bullet 1039^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow uni_{+25}(\downarrow 8ve_{-25})^1} = (1) + \uparrow M3_{+11}(\downarrow m6_{-11})$

$5196 = 2^2 \bullet 3^1 \bullet 433^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M6_{+10}(\downarrow m3_{-10})^1} = (1) + \uparrow M3_{+12}(\downarrow m6_{-12})$

$5197 = 5197^1 = \mathbf{(1) + \uparrow M3_{+12}(\downarrow m6_{-12})}$

$5198 = 2^1 \bullet 23^1 \bullet 113^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow m7_{-16}(\downarrow M2_{+16})^1} = (1) + \uparrow M3_{+12}(\downarrow m6_{-12})$

$5199 = 3^1 \bullet 1733^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M6_{+11}(\downarrow m3_{-11})^1} = (1) + \uparrow M3_{+13}(\downarrow m6_{-13})$

$5200 = 2^4 \bullet 5^2 \bullet 13^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow m6_{+41}(\downarrow M3_{-41})^1} = (1) + \uparrow M3_{+13}(\downarrow m6_{-13})$

$5201 = 7^1 \bullet 743^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow tt_{+45}(\downarrow tt_{-45})^1} = (1) + \uparrow M3_{+13}(\downarrow m6_{-13})$

$5202 = 2^1 \bullet 3^2 \bullet 17^2 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m2_{+5}(\downarrow M7_{-5})^2} = (1) + \uparrow M3_{+14}(\downarrow m6_{-14})$

$5203 = 11^2 \bullet 43^1 = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^2 + \uparrow P4_{+12}(\downarrow P5_{-12})^1} = (1) + \uparrow M3_{+14}(\downarrow m6_{-14})$

$5204 = 2^2 \bullet 1301^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M3_{+14}(\downarrow m6_{-14})^1} = (1) + \uparrow M3_{+14}(\downarrow m6_{-14})$

$5205 = 3^1 \bullet 5^1 \bullet 347^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow P4_{+27}(\downarrow P5_{-27})^1} = (1) + \uparrow M3_{+15}(\downarrow m6_{-15})$

$5206 = 2^1 \bullet 19^1 \bullet 137^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow m2_{+18}(\downarrow M7_{-18})^1} = (1) + \uparrow M3_{+15}(\downarrow m6_{-15})$

$5207 = 41^1 \bullet 127^1 = \mathbf{(1) + \uparrow M3_{+29}(\downarrow m6_{-29})^1 + \uparrow 8ve_{-14}(\downarrow uni_{+14})^1} = (1) + \uparrow M3_{+15}(\downarrow m6_{-15})$

$5208 = 2^3 \bullet 3^1 \bullet 7^1 \bullet 31^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M7_{+45}(\downarrow m2_{-45})^1} = (1) + \uparrow M3_{+16}(\downarrow m6_{-16})$

$5209 = 5209^1 = \mathbf{(1) + \uparrow M3_{+16}(\downarrow m6_{-16})}$

$5210 = 2^1 \bullet 5^1 \bullet 521^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow uni_{+30}(\downarrow 8ve_{-30})^1} = (1) + \uparrow M3_{+16}(\downarrow m6_{-16})$

$5211 = 3^3 \bullet 193^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow P5_{+11}(\downarrow P4_{-11})^1} = (1) + \uparrow M3_{+17}(\downarrow m6_{-17})$

$5212 = 2^2 \bullet 1303^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M3_{+17}(\downarrow m6_{-17})^1} = (1) + \uparrow M3_{+17}(\downarrow m6_{-17})$

$5213 = 13^1 \bullet 401^1 = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow m6_{-23}(\downarrow M3_{+23})^1} = (1) + \uparrow M3_{+17}(\downarrow m6_{-17})$

$5214 = 2^1 \bullet 3^1 \bullet 11^1 \bullet 79^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow M3_{-35}(\downarrow m6_{+35})^1} = (1) + \uparrow M3_{+18}(\downarrow m6_{-18})$

$5215 = 5^1 \bullet 7^1 \bullet 149^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m3_{-37}(\downarrow M6_{+37})^1} = (1) + \uparrow M3_{+18}(\downarrow m6_{-18})$

$5216 = 2^5 \bullet 163^1 = \mathbf{(1) + \updownarrow 8ve(uni)^5 + \uparrow M3_{+18}(\downarrow m6_{-18})^1} = (1) + \uparrow M3_{+18}(\downarrow m6_{-18})$

$5217 = 3^1 \bullet 37^1 \bullet 47^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m3_{-49}(\downarrow M6_{+49})^1 + \uparrow P5_{-34}(\downarrow P4_{+34})^1} = (1) + \uparrow M3_{+19}(\downarrow m6_{-19})$

$5218 = 2^1 \bullet 2609^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{+19}(\downarrow m6_{-19})^1} = (1) + \uparrow M3_{+19}(\downarrow m6_{-19})$

$5219 = 17^1 \bullet 307^1 = \mathbf{(1) + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow m3_{+15}(\downarrow M6_{-15})^1} = (1) + \uparrow M3_{+19}(\downarrow m6_{-19})$

$5220 = 2^2 \bullet 3^2 \bullet 5^1 \bullet 29^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1} = (1) + \uparrow M3_{+20}(\downarrow m6_{-20})$

$5221 = 23^1 \bullet 227^1 = \mathbf{(1) + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow m7_{-8}(\downarrow M2_{+8})^1} = (1) + \uparrow M3_{+20}(\downarrow m6_{-20})$

$5222 = 2^1 \bullet 7^1 \bullet 373^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow P5_{-48}(\downarrow P4_{+48})^1} = (1) + \uparrow M3_{+20}(\downarrow m6_{-20})$

$5223 = 3^1 \bullet 1741^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M6_{+19}(\downarrow m3_{-19})^1} = (1) + \uparrow M3_{+21}(\downarrow m6_{-21})$

$5224 = 2^3 \bullet 653^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow M3_{+21}(\downarrow m6_{-21})^1} = (1) + \uparrow M3_{+21}(\downarrow m6_{-21})$

$5225 = 5^2 \bullet 11^1 \bullet 19^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1} = (1) + \uparrow M3_{+21}(\downarrow m6_{-21})$

$5226 = 2^1 \bullet 3^1 \bullet 13^1 \bullet 67^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow m2_{-21}(\downarrow M7_{+21})^1} = (1) + \uparrow M3_{+22}(\downarrow m6_{-22})$

$5227 = 5227^1 = \mathbf{(1) + \uparrow M3_{+22}(\downarrow m6_{-22})}$

$5228 = 2^2 \bullet 1307^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M3_{+22}(\downarrow m6_{-22})^1} = (1) + \uparrow M3_{+22}(\downarrow m6_{-22})$

$5229 = 3^2 \bullet 7^1 \bullet 83^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow P4_{-50}(\downarrow P5_{+50})^1} = (1) + \uparrow M3_{+23}(\downarrow m6_{-23})$

$5230 = 2^1 \bullet 5^1 \bullet 523^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow uni_{+37}(\downarrow 8ve_{-37})^1} = (1) + \uparrow M3_{+23}(\downarrow m6_{-23})$

$5231 = 5231^1 = \mathbf{(1) + \uparrow M3_{+23}(\downarrow m6_{-23})}$

$5232 = 2^4 \bullet 3^1 \bullet 109^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M6_{+22}(\downarrow m3_{-22})^1} = (1) + \uparrow M3_{+24}(\downarrow m6_{-24})$

$5233 = 5233^1 = \mathbf{(1) + \uparrow M3_{+24}(\downarrow m6_{-24})}$

$5234 = 2^1 \bullet 2617^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{+24}(\downarrow m6_{-24})^1} = (1) + \uparrow M3_{+24}(\downarrow m6_{-24})$

$5235 = 3^1 \bullet 5^1 \bullet 349^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow P4_{+36}(\downarrow P5_{-36})^1} = (1) + \uparrow M3_{+25}(\downarrow m6_{-25})$

$5236 = 2^2 \bullet 7^1 \bullet 11^1 \bullet 17^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1} = (1) + \uparrow M3_{+25}(\downarrow m6_{-25})$

$5237 = 5237^1 = \mathbf{(1) + \uparrow M3_{+25}(\downarrow m6_{-25})}$

$5238 = 2^1 \bullet 3^3 \bullet 97^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow P5_{+20}(\downarrow P4_{-20})^1} = (1) + \uparrow M3_{+26}(\downarrow m6_{-26})$

$5239 = 13^2 \bullet 31^1 = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^2 + \uparrow M7_{+45}(\downarrow m2_{-45})^1} = (1) + \uparrow M3_{+26}(\downarrow m6_{-26})$

$5240 = 2^3 \bullet 5^1 \bullet 131^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow uni_{+40}(\downarrow 8ve_{-40})^1} = (1) + \uparrow M3_{+26}(\downarrow m6_{-26})$

$5241 = 3^1 \bullet 1747^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M6_{+25}(\downarrow m3_{-25})^1} = (1) + \uparrow M3_{+27}(\downarrow m6_{-27})$

$5242 = 2^1 \bullet 2621^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{+27}(\downarrow m6_{-27})^1} = (1) + \uparrow M3_{+27}(\downarrow m6_{-27})$

$5243 = 7^2 \bullet 107^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^2 + \uparrow M6_{-10}(\downarrow m3_{+10})^1} = (1) + \uparrow M3_{+27}(\downarrow m6_{-27})$

$5244 = 2^{2}\bullet 3^{1}\bullet 19^{1}\bullet 23^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1}} = (1) + \uparrow M3_{+28}(\downarrow m6_{-28})$

$5245 = 5^{1}\bullet 1049^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow uni_{+42}(\downarrow 8ve_{-42})^{1}} = (1) + \uparrow M3_{+28}(\downarrow m6_{-28})$

$5246 = 2^{1}\bullet 43^{1}\bullet 61^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P4_{+12}(\downarrow P5_{-12})^{1} + \uparrow M7_{+17}(\downarrow m2_{-17})^{1}} = (1) + \uparrow M3_{+28}(\downarrow m6_{-28})$

$5247 = 3^{2}\bullet 11^{1}\bullet 53^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow M6_{-26}(\downarrow m3_{+26})^{1}} = (1) + \uparrow M3_{+29}(\downarrow m6_{-29})$

$5248 = 2^{7}\bullet 41^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{7} + \uparrow M3_{+29}(\downarrow m6_{-29})^{1}} = (1) + \uparrow M3_{+29}(\downarrow m6_{-29})$

$5249 = 29^{1}\bullet 181^{1} = \mathbf{(1) + \uparrow m7_{+30}(\downarrow M2_{-30})^{1} + \uparrow tt_{+0}(\downarrow tt_{-0})^{1}} = (1) + \uparrow M3_{+29}(\downarrow m6_{-29})$

$5250 = 2^{1}\bullet 3^{1}\bullet 5^{3}\bullet 7^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{3} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1}} = (1) + \uparrow M3_{+30}(\downarrow m6_{-30})$

$5251 = 59^{1}\bullet 89^{1} = \mathbf{(1) + \uparrow M7_{-41}(\downarrow m2_{+41})^{1} + \uparrow tt_{-29}(\downarrow tt_{+29})^{1}} = (1) + \uparrow M3_{+30}(\downarrow m6_{-30})$

$5252 = 2^{2}\bullet 13^{1}\bullet 101^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m6_{-10}(\downarrow M3_{+10})^{1}} = (1) + \uparrow M3_{+30}(\downarrow m6_{-30})$

$5253 = 3^{1}\bullet 17^{1}\bullet 103^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow m6_{+24}(\downarrow M3_{-24})^{1}} = (1) + \uparrow M3_{+31}(\downarrow m6_{-31})$

$5254 = 2^{1}\bullet 37^{1}\bullet 71^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m3_{-49}(\downarrow M6_{+49})^{1} + \uparrow M2_{-20}(\downarrow m7_{+20})^{1}} = (1) + \uparrow M3_{+31}(\downarrow m6_{-31})$

$5255 = 5^{1}\bullet 1051^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow uni_{+45}(\downarrow 8ve_{-45})^{1}} = (1) + \uparrow M3_{+31}(\downarrow m6_{-31})$

$5256 = 2^{3}\bullet 3^{2}\bullet 73^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M2_{+28}(\downarrow m7_{-28})^{1}} = (1) + \uparrow M3_{+32}(\downarrow m6_{-32})$

$5257 = 7^{1}\bullet 751^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow P5_{-37}(\downarrow P4_{+37})^{1}} = (1) + \uparrow M3_{+32}(\downarrow m6_{-32})$

$5258 = 2^{1}\bullet 11^{1}\bullet 239^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow M7_{-19}(\downarrow m2_{+19})^{1}} = (1) + \uparrow M3_{+32}(\downarrow m6_{-32})$

$5259 = 3^{1}\bullet 1753^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M6_{+31}(\downarrow m3_{-31})^{1}} = (1) + \uparrow M3_{+33}(\downarrow m6_{-33})$

$5260 = 2^{2}\bullet 5^{1}\bullet 263^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow uni_{+47}(\downarrow 8ve_{-47})^{1}} = (1) + \uparrow M3_{+33}(\downarrow m6_{-33})$

$5261 = 5261^{1} = \mathbf{(1) + \uparrow M3_{+33}(\downarrow m6_{-33})}$

$5262 = 2^{1}\bullet 3^{1}\bullet 877^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M6_{+32}(\downarrow m3_{-32})^{1}} = (1) + \uparrow M3_{+34}(\downarrow m6_{-34})$

$5263 = 19^{1}\bullet 277^{1} = \mathbf{(1) + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow m2_{+36}(\downarrow M7_{-36})^{1}} = (1) + \uparrow M3_{+34}(\downarrow m6_{-34})$

$5264 = 2^{4}\bullet 7^{1}\bullet 47^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow P5_{-34}(\downarrow P4_{+34})^{1}} = (1) + \uparrow M3_{+34}(\downarrow m6_{-34})$

$5265 = 3^{4}\bullet 5^{1}\bullet 13^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{4} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1}} = (1) + \uparrow M3_{+35}(\downarrow m6_{-35})$

$5266 = 2^{1}\bullet 2633^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{+35}(\downarrow m6_{-35})^{1}} = (1) + \uparrow M3_{+35}(\downarrow m6_{-35})$

$5267 = 23^{1}\bullet 229^{1} = \mathbf{(1) + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow m7_{+7}(\downarrow M2_{-7})^{1}} = (1) + \uparrow M3_{+35}(\downarrow m6_{-35})$

$5268 = 2^{2}\bullet 3^{1}\bullet 439^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M6_{+34}(\downarrow m3_{-34})^{1}} = (1) + \uparrow M3_{+36}(\downarrow m6_{-36})$

$5269 = 11^{1}\bullet 479^{1} = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow M7_{-15}(\downarrow m2_{+15})^{1}} = (1) + \uparrow M3_{+36}(\downarrow m6_{-36})$

$5270 = 2^{1}\bullet 5^{1}\bullet 17^{1}\bullet 31^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1}} = (1) + \uparrow M3_{+36}(\downarrow m6_{-36})$

$5271 = 3^{1}\bullet 7^{1}\bullet 251^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow 8ve_{-34}(\downarrow uni_{+34})^{1}} = (1) + \uparrow M3_{+37}(\downarrow m6_{-37})$

$5272 = 2^{3}\bullet 659^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow M3_{+37}(\downarrow m6_{-37})^{1}} = (1) + \uparrow M3_{+37}(\downarrow m6_{-37})$

$5273 = 5273^{1} = \mathbf{(1) + \uparrow M3_{+37}(\downarrow m6_{-37})}$

$5274 = 2^{1}\bullet 3^{2}\bullet 293^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M2_{+34}(\downarrow m7_{-34})^{1}} = (1) + \uparrow M3_{+38}(\downarrow m6_{-38})$

$5275 = 5^{2}\bullet 211^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow M6_{-35}(\downarrow m3_{+35})^{1}} = (1) + \uparrow M3_{+38}(\downarrow m6_{-38})$

$5276 = 2^{2}\bullet 1319^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M3_{+38}(\downarrow m6_{-38})^{1}} = (1) + \uparrow M3_{+38}(\downarrow m6_{-38})$

$5277 = 3^{1}\bullet 1759^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M6_{+37}(\downarrow m3_{-37})^{1}} = (1) + \uparrow M3_{+39}(\downarrow m6_{-39})$

$5278 = 2^{1}\bullet 7^{1}\bullet 13^{1}\bullet 29^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1}} = (1) + \uparrow M3_{+39}(\downarrow m6_{-39})$

$5279 = 5279^{1} = \mathbf{(1) + \uparrow M3_{+39}(\downarrow m6_{-39})}$

$5280 = 2^{5}\bullet 3^{1}\bullet 5^{1}\bullet 11^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{5} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1}} = (1) + \uparrow M3_{+40}(\downarrow m6_{-40})$

$5281 = 5281^{1} = \mathbf{(1) + \uparrow M3_{+40}(\downarrow m6_{-40})}$

$5282 = 2^{1}\bullet 19^{1}\bullet 139^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow m2_{+43}(\downarrow M7_{-43})^{1}} = (1) + \uparrow M3_{+40}(\downarrow m6_{-40})$

$5283 = 3^{2}\bullet 587^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M2_{+37}(\downarrow m7_{-37})^{1}} = (1) + \uparrow M3_{+41}(\downarrow m6_{-41})$

$5284 = 2^{2}\bullet 1321^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M3_{+41}(\downarrow m6_{-41})^{1}} = (1) + \uparrow M3_{+41}(\downarrow m6_{-41})$

$5285 = 5^{1}\bullet 7^{1}\bullet 151^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m3_{-14}(\downarrow M6_{+14})^{1}} = (1) + \uparrow M3_{+41}(\downarrow m6_{-41})$

$5286 = 2^{1}\bullet 3^{1}\bullet 881^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M6_{+40}(\downarrow m3_{-40})^{1}} = (1) + \uparrow M3_{+42}(\downarrow m6_{-42})$

$5287 = 17^{1}\bullet 311^{1} = \mathbf{(1) + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow m3_{+37}(\downarrow M6_{-37})^{1}} = (1) + \uparrow M3_{+42}(\downarrow m6_{-42})$

$5288 = 2^{3}\bullet 661^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow M3_{+42}(\downarrow m6_{-42})^{1}} = (1) + \uparrow M3_{+42}(\downarrow m6_{-42})$

$5289 = 3^{1}\bullet 41^{1}\bullet 43^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{+29}(\downarrow m6_{-29})^{1} + \uparrow P4_{+12}(\downarrow P5_{-12})^{1}} = (1) + \uparrow M3_{+43}(\downarrow m6_{-43})$

$5290 = 2^{1}\bullet 5^{1}\bullet 23^{2} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{2}} = (1) + \uparrow M3_{+43}(\downarrow m6_{-43})$

$5291 = 11^{1}\bullet 13^{1}\bullet 37^{1} = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m3_{-49}(\downarrow M6_{+49})^{1}} = (1) + \uparrow M3_{+43}(\downarrow m6_{-43})$

$5292 = 2^{2}\bullet 3^{3}\bullet 7^{2} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow m7_{-31}(\downarrow M2_{+31})^{2}} = (1) + \uparrow M3_{+44}(\downarrow m6_{-44})$

$5293 = 67^{1}\bullet 79^{1} = \mathbf{(1) + \uparrow m2_{-21}(\downarrow M7_{+21})^{1} + \uparrow M3_{-35}(\downarrow m6_{+35})^{1}} = (1) + \uparrow M3_{+44}(\downarrow m6_{-44})$

$5294 = 2^{1}\bullet 2647^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{+44}(\downarrow m6_{-44})^{1}} = (1) + \uparrow M3_{+44}(\downarrow m6_{-44})$

$5295 = 3^{1}\bullet 5^{1}\bullet 353^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{-44}(\downarrow tt_{+44})^{1}} = (1) + \uparrow M3_{+44}(\downarrow m6_{-44})$

$5296 = 2^{4}\bullet 331^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow M3_{+45}(\downarrow m6_{-45})^{1}} = (1) + \uparrow M3_{+45}(\downarrow m6_{-45})$

$5297 = 5297^{1} = \mathbf{(1) + \uparrow M3_{+45}(\downarrow m6_{-45})}$

$5298 = 2^{1}\bullet 3^{1}\bullet 883^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M6_{+44}(\downarrow m3_{-44})^{1}} = (1) + \uparrow M3_{+45}(\downarrow m6_{-45})$

$5299 = 7^{1}\bullet 757^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow P5_{-23}(\downarrow P4_{+23})^{1}} = (1) + \uparrow M3_{+46}(\downarrow m6_{-46})$

$5300 = 2^{2}\bullet 5^{2}\bullet 53^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow M6_{-26}(\downarrow m3_{+26})^{1}} = (1) + \uparrow M3_{+46}(\downarrow m6_{-46})$

$5301 = 3^{2}\bullet 19^{1}\bullet 31^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1}} = (1) + \uparrow M3_{+46}(\downarrow m6_{-46})$

$5302 = 2^{1}\bullet 11^{1}\bullet 241^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow M7_{-5}(\downarrow m2_{+5})^{1}} = (1) + \uparrow M3_{+47}(\downarrow m6_{-47})$

$5303 = 5303^{1} = \mathbf{(1) + \uparrow M3_{+47}(\downarrow m6_{-47})}$

$5304 = 2^{3}\bullet 3^{1}\bullet 13^{1}\bullet 17^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1}} = (1) + \uparrow M3_{+47}(\downarrow m6_{-47})$

$5305 = 5^{1}\bullet 1061^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m2_{-39}(\downarrow M7_{+39})^{1}} = (1) + \uparrow M3_{+48}(\downarrow m6_{-48})$

$5306 = 2^{1}\bullet 7^{1}\bullet 379^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow P5_{-21}(\downarrow P4_{+21})^{1}} = (1) + \uparrow M3_{+48}(\downarrow m6_{-48})$

$5307 = 3^{1}\bullet 29^{1}\bullet 61^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1} + \uparrow M7_{+17}(\downarrow m2_{-17})^{1}} = (1) + \uparrow M3_{+48}(\downarrow m6_{-48})$

$5308 = 2^{2}\bullet 1327^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M3_{+49}(\downarrow m6_{-49})^{1}} = (1) + \uparrow M3_{+49}(\downarrow m6_{-49})$

$5309 = 5309^{1} = \mathbf{(1) + \uparrow M3_{+49}(\downarrow m6_{-49})}$

$5310 = 2^{1}\bullet 3^{2}\bullet 5^{1}\bullet 59^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M7_{-41}(\downarrow m2_{+41})^{1}} = (1) + \uparrow M3_{+49}(\downarrow m6_{-49})$

$5311 = 47^{1}\bullet 113^{1} = \mathbf{(1) + \uparrow P5_{-34}(\downarrow P4_{+34})^{1} + \uparrow m7_{-16}(\downarrow M2_{+16})^{1}} = (1) + \uparrow M3_{+50}(\downarrow m6_{-50})$

$5312 = 2^{6}\bullet 83^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{6} + \uparrow P4_{-50}(\downarrow P5_{+50})^{1}} = (1) + \uparrow P4_{-50}(\downarrow P5_{+50})$

$5313 = 3^{1}\bullet 7^{1}\bullet 11^{1}\bullet 23^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1}} = (1) + \uparrow P4_{-50}(\downarrow P5_{+50})$

$5314 = 2^{1}\bullet 2657^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P4_{-49}(\downarrow P5_{+49})^{1}} = (1) + \uparrow P4_{-49}(\downarrow P5_{+49})$

$5315 = 5^{1}\bullet 1063^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m2_{-35}(\downarrow M7_{+35})^{1}} = (1) + \uparrow P4_{-49}(\downarrow P5_{+49})$

$5316 = 2^{2}\bullet 3^{1}\bullet 443^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M6_{+49}(\downarrow m3_{-49})^{1}} = (1) + \uparrow P4_{-49}(\downarrow P5_{+49})$

$5317 = 13^{1}\bullet 409^{1} = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m6_{+11}(\downarrow M3_{-11})^{1}} = (1) + \uparrow P4_{-48}(\downarrow P5_{+48})$

$5318 = 2^{1}\bullet 2659^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P4_{-48}(\downarrow P5_{+48})^{1}} = (1) + \uparrow P4_{-48}(\downarrow P5_{+48})$

$5319 = 3^{3}\bullet 197^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow P5_{+46}(\downarrow P4_{-46})^{1}} = (1) + \uparrow P4_{-48}(\downarrow P5_{+48})$

$5320 = 2^{3}\bullet 5^{1}\bullet 7^{1}\bullet 19^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1}} = (1) + \uparrow P4_{-47}(\downarrow P5_{+47})$

$5321 = 17^{1}\bullet 313^{1} = \mathbf{(1) + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow m3_{+48}(\downarrow M6_{-48})^{1}} = (1) + \uparrow P4_{-47}(\downarrow P5_{+47})$

$5322 = 2^{1}\bullet 3^{1}\bullet 887^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-49}(\downarrow M2_{+49})^{1}} = (1) + \uparrow P4_{-47}(\downarrow P5_{+47})$

$5323 = 5323^{1} = \mathbf{(1) + \uparrow P4_{-46}(\downarrow P5_{+46})}$

$5324 = 2^{2}\bullet 11^{3} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow tt_{-49}(\downarrow tt_{+49})^{3}} = (1) + \uparrow P4_{-46}(\downarrow P5_{+46})$

$5325 = 3^{1}\bullet 5^{2}\bullet 71^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow M2_{-20}(\downarrow m7_{+20})^{1}} = (1) + \uparrow P4_{-46}(\downarrow P5_{+46})$

$5326 = 2^{1}\bullet 2663^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P4_{-45}(\downarrow P5_{+45})^{1}} = (1) + \uparrow P4_{-45}(\downarrow P5_{+45})$

$5327 = 7^{1}\bullet 761^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow P5_{-14}(\downarrow P4_{+14})^{1}} = (1) + \uparrow P4_{-45}(\downarrow P5_{+45})$

$5328 = 2^4 \bullet 3^2 \bullet 37^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m3_{-49}(\downarrow M6_{+49})^1} = (1) + \uparrow P4_{-45}(\downarrow P5_{+45})$

$5329 = 73^2 = \mathbf{(1) + \uparrow M2_{+28}(\downarrow m7_{-28})^2} = (1) + \uparrow P4_{-44}(\downarrow P5_{+44})$

$5330 = 2^1 \bullet 5^1 \bullet 13^1 \bullet 41^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow M3_{+29}(\downarrow m6_{-29})^1} = (1) + \uparrow P4_{-44}(\downarrow P5_{+44})$

$5331 = 3^1 \bullet 1777^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-46}(\downarrow M2_{+46})^1} = (1) + \uparrow P4_{-44}(\downarrow P5_{+44})$

$5332 = 2^2 \bullet 31^1 \bullet 43^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M7_{+45}(\downarrow m2_{-45})^1 + \uparrow P4_{+12}(\downarrow P5_{-12})^1} = (1) + \uparrow P4_{-43}(\downarrow P5_{+43})$

$5333 = 5333^1 = \mathbf{(1) + \uparrow P4_{-43}(\downarrow P5_{+43})}$

$5334 = 2^1 \bullet 3^1 \bullet 7^1 \bullet 127^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow 8ve_{-14}(\downarrow uni_{+14})^1} = (1) + \uparrow P4_{-43}(\downarrow P5_{+43})$

$5335 = 5^1 \bullet 11^1 \bullet 97^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow P5_{+20}(\downarrow P4_{-20})^1} = (1) + \uparrow P4_{-42}(\downarrow P5_{+42})$

$5336 = 2^3 \bullet 23^1 \bullet 29^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1} = (1) + \uparrow P4_{-42}(\downarrow P5_{+42})$

$5337 = 3^2 \bullet 593^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m3_{-46}(\downarrow M6_{+46})^1} = (1) + \uparrow P4_{-42}(\downarrow P5_{+42})$

$5338 = 2^1 \bullet 17^1 \bullet 157^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow M3_{-46}(\downarrow m6_{+46})^1} = (1) + \uparrow P4_{-41}(\downarrow P5_{+41})$

$5339 = 19^1 \bullet 281^1 = \mathbf{(1) + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow M2_{-39}(\downarrow m7_{+39})^1} = (1) + \uparrow P4_{-41}(\downarrow P5_{+41})$

$5340 = 2^2 \bullet 3^1 \bullet 5^1 \bullet 89^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{-29}(\downarrow tt_{+29})^1} = (1) + \uparrow P4_{-41}(\downarrow P5_{+41})$

$5341 = 7^2 \bullet 109^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^2 + \uparrow M6_{+22}(\downarrow m3_{-22})^1} = (1) + \uparrow P4_{-41}(\downarrow P5_{+41})$

$5342 = 2^1 \bullet 2671^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P4_{-40}(\downarrow P5_{+40})^1} = (1) + \uparrow P4_{-40}(\downarrow P5_{+40})$

$5343 = 3^1 \bullet 13^1 \bullet 137^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow m2_{+18}(\downarrow M7_{-18})^1} = (1) + \uparrow P4_{-40}(\downarrow P5_{+40})$

$5344 = 2^5 \bullet 167^1 = \mathbf{(1) + \updownarrow 8ve(uni)^5 + \uparrow P4_{-40}(\downarrow P5_{+40})^1} = (1) + \uparrow P4_{-40}(\downarrow P5_{+40})$

$5345 = 5^1 \bullet 1069^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m2_{-26}(\downarrow M7_{+26})^1} = (1) + \uparrow P4_{-39}(\downarrow P5_{+39})$

$5346 = 2^1 \bullet 3^5 \bullet 11^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^5 + \uparrow tt_{-49}(\downarrow tt_{+49})^1} = (1) + \uparrow P4_{-39}(\downarrow P5_{+39})$

$5347 = 5347^1 = \mathbf{(1) + \uparrow P4_{-39}(\downarrow P5_{+39})}$

$5348 = 2^2 \bullet 7^1 \bullet 191^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow P5_{-7}(\downarrow P4_{+7})^1} = (1) + \uparrow P4_{-38}(\downarrow P5_{+38})$

$5349 = 3^1 \bullet 1783^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-40}(\downarrow M2_{+40})^1} = (1) + \uparrow P4_{-38}(\downarrow P5_{+38})$

$5350 = 2^1 \bullet 5^2 \bullet 107^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow M6_{-10}(\downarrow m3_{+10})^1} = (1) + \uparrow P4_{-38}(\downarrow P5_{+38})$

$5351 = 5351^1 = \mathbf{(1) + \uparrow P4_{-37}(\downarrow P5_{+37})}$

$5352 = 2^3 \bullet 3^1 \bullet 223^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-39}(\downarrow M2_{+39})^1} = (1) + \uparrow P4_{-37}(\downarrow P5_{+37})$

$5353 = 53^1 \bullet 101^1 = \mathbf{(1) + \uparrow M6_{-26}(\downarrow m3_{+26})^1 + \uparrow m6_{-10}(\downarrow M3_{+10})^1} = (1) + \uparrow P4_{-37}(\downarrow P5_{+37})$

$5354 = 2^1 \bullet 2677^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P4_{-36}(\downarrow P5_{+36})^1} = (1) + \uparrow P4_{-36}(\downarrow P5_{+36})$

$5355 = 3^2 \bullet 5^1 \bullet 7^1 \bullet 17^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1} = (1) + \uparrow P4_{-36}(\downarrow P5_{+36})$

$5356 = 2^2 \bullet 13^1 \bullet 103^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow m6_{+24}(\downarrow M3_{-24})^1} = (1) + \uparrow P4_{-36}(\downarrow P5_{+36})$

$5357 = 11^1 \bullet 487^1 = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow M7_{+13}(\downarrow m2_{-13})^1} = (1) + \uparrow P4_{-35}(\downarrow P5_{+35})$

$5358 = 2^1 \bullet 3^1 \bullet 19^1 \bullet 47^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow P5_{-34}(\downarrow P4_{+34})^1} = (1) + \uparrow P4_{-35}(\downarrow P5_{+35})$

$5359 = 23^1 \bullet 233^1 = \mathbf{(1) + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow m7_{+37}(\downarrow M2_{-37})^1} = (1) + \uparrow P4_{-35}(\downarrow P5_{+35})$

$5360 = 2^4 \bullet 5^1 \bullet 67^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m2_{-21}(\downarrow M7_{+21})^1} = (1) + \uparrow P4_{-34}(\downarrow P5_{+34})$

$5361 = 3^1 \bullet 1787^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-36}(\downarrow M2_{+36})^1} = (1) + \uparrow P4_{-34}(\downarrow P5_{+34})$

$5362 = 2^1 \bullet 7^1 \bullet 383^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow P5_{-3}(\downarrow P4_{+3})^1} = (1) + \uparrow P4_{-34}(\downarrow P5_{+34})$

$5363 = 31^1 \bullet 173^1 = \mathbf{(1) + \uparrow M7_{+45}(\downarrow m2_{-45})^1 + \uparrow P4_{+22}(\downarrow P5_{-22})^1} = (1) + \uparrow P4_{-33}(\downarrow P5_{+33})$

$5364 = 2^2 \bullet 3^2 \bullet 149^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m3_{-37}(\downarrow M6_{+37})^1} = (1) + \uparrow P4_{-33}(\downarrow P5_{+33})$

$5365 = 5^1 \bullet 29^1 \bullet 37^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1 + \uparrow m3_{-49}(\downarrow M6_{+49})^1} = (1) + \uparrow P4_{-33}(\downarrow P5_{+33})$

$5366 = 2^1 \bullet 2683^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P4_{-32}(\downarrow P5_{+32})^1} = (1) + \uparrow P4_{-32}(\downarrow P5_{+32})$

$5367 = 3^1 \bullet 1789^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-34}(\downarrow M2_{+34})^1} = (1) + \uparrow P4_{-32}(\downarrow P5_{+32})$

$5368 = 2^3 \bullet 11^1 \bullet 61^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow M7_{+17}(\downarrow m2_{-17})^1} = (1) + \uparrow P4_{-32}(\downarrow P5_{+32})$

$5369 = 7^1 \bullet 13^1 \bullet 59^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow M7_{-41}(\downarrow m2_{+41})^1} = (1) + \uparrow P4_{-31}(\downarrow P5_{+31})$

$5370 = 2^1 \bullet 3^1 \bullet 5^1 \bullet 179^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{-19}(\downarrow tt_{+19})^1} = (1) + \uparrow P4_{-31}(\downarrow P5_{+31})$

$5371 = 41^1 \bullet 131^1 = \mathbf{(1) + \uparrow M3_{+29}(\downarrow m6_{-29})^1 + \uparrow uni_{+40}(\downarrow 8ve_{-40})^1} = (1) + \uparrow P4_{-31}(\downarrow P5_{+31})$

$5372 = 2^2 \bullet 17^1 \bullet 79^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow M3_{-35}(\downarrow m6_{+35})^1} = (1) + \uparrow P4_{-31}(\downarrow P5_{+31})$

$5373 = 3^3 \bullet 199^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow m6_{-36}(\downarrow M3_{+36})^1} = (1) + \uparrow P4_{-30}(\downarrow P5_{+30})$

$5374 = 2^1 \bullet 2687^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P4_{-30}(\downarrow P5_{+30})^1} = (1) + \uparrow P4_{-30}(\downarrow P5_{+30})$

$5375 = 5^3 \bullet 43^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^3 + \uparrow P4_{+12}(\downarrow P5_{-12})^1} = (1) + \uparrow P4_{-30}(\downarrow P5_{+30})$

$5376 = 2^8 \bullet 3^1 \bullet 7^1 = \mathbf{(1) + \updownarrow 8ve(uni)^8 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1} = (1) + \uparrow P4_{-29}(\downarrow P5_{+29})$

$5377 = 19^1 \bullet 283^1 = \mathbf{(1) + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow M2_{-26}(\downarrow m7_{+26})^1} = (1) + \uparrow P4_{-29}(\downarrow P5_{+29})$

$5378 = 2^1 \bullet 2689^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P4_{-29}(\downarrow P5_{+29})^1} = (1) + \uparrow P4_{-29}(\downarrow P5_{+29})$

$5379 = 3^1 \bullet 11^1 \bullet 163^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow M3_{+18}(\downarrow m6_{-18})^1} = (1) + \uparrow P4_{-28}(\downarrow P5_{+28})$

$5380 = 2^2 \bullet 5^1 \bullet 269^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m2_{-14}(\downarrow M7_{+14})^1} = (1) + \uparrow P4_{-28}(\downarrow P5_{+28})$

$5381 = 5381^1 = \mathbf{(1) + \uparrow P4_{-28}(\downarrow P5_{+28})}$

$5382 = 2^1 \bullet 3^2 \bullet 13^1 \bullet 23^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1} = (1) + \uparrow P4_{-27}(\downarrow P5_{+27})$

$5383 = 7^1 \bullet 769^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow P5_{+4}(\downarrow P4_{-4})^1} = (1) + \uparrow P4_{-27}(\downarrow P5_{+27})$

$5384 = 2^3 \bullet 673^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow P4_{-27}(\downarrow P5_{+27})^1} = (1) + \uparrow P4_{-27}(\downarrow P5_{+27})$

$5385 = 3^1 \bullet 5^1 \bullet 359^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{-15}(\downarrow tt_{+15})^1} = (1) + \uparrow P4_{-26}(\downarrow P5_{+26})$

$5386 = 2^1 \bullet 2693^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P4_{-26}(\downarrow P5_{+26})^1} = (1) + \uparrow P4_{-26}(\downarrow P5_{+26})$

$5387 = 5387^1 = \mathbf{(1) + \uparrow P4_{-26}(\downarrow P5_{+26})}$

$5388 = 2^2 \bullet 3^1 \bullet 449^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-27}(\downarrow M2_{+27})^1} = (1) + \uparrow P4_{-25}(\downarrow P5_{+25})$

$5389 = 17^1 \bullet 317^1 = \mathbf{(1) + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow M3_{-30}(\downarrow m6_{+30})^1} = (1) + \uparrow P4_{-25}(\downarrow P5_{+25})$

$5390 = 2^1 \bullet 5^1 \bullet 7^2 \bullet 11^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^2 + \uparrow tt_{-49}(\downarrow tt_{+49})^1} = (1) + \uparrow P4_{-25}(\downarrow P5_{+25})$

$5391 = 3^2 \bullet 599^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m3_{-28}(\downarrow M6_{+28})^1} = (1) + \uparrow P4_{-24}(\downarrow P5_{+24})$

$5392 = 2^4 \bullet 337^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow P4_{-24}(\downarrow P5_{+24})^1} = (1) + \uparrow P4_{-24}(\downarrow P5_{+24})$

$5393 = 5393^1 = \mathbf{(1) + \uparrow P4_{-24}(\downarrow P5_{+24})}$

$5394 = 2^1 \bullet 3^1 \bullet 29^1 \bullet 31^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1 + \uparrow M7_{+45}(\downarrow m2_{-45})^1} = (1) + \uparrow P4_{-23}(\downarrow P5_{+23})$

$5395 = 5^1 \bullet 13^1 \bullet 83^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow P4_{-50}(\downarrow P5_{+50})^1} = (1) + \uparrow P4_{-23}(\downarrow P5_{+23})$

$5396 = 2^2 \bullet 19^1 \bullet 71^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow M2_{-20}(\downarrow m7_{+20})^1} = (1) + \uparrow P4_{-23}(\downarrow P5_{+23})$

$5397 = 3^1 \bullet 7^1 \bullet 257^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow uni_{+7}(\downarrow 8ve_{-7})^1} = (1) + \uparrow P4_{-22}(\downarrow P5_{+22})$

$5398 = 2^1 \bullet 2699^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P4_{-22}(\downarrow P5_{+22})^1} = (1) + \uparrow P4_{-22}(\downarrow P5_{+22})$

$5399 = 5399^1 = \mathbf{(1) + \uparrow P4_{-22}(\downarrow P5_{+22})}$

$5400 = 2^3 \bullet 3^3 \bullet 5^2 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow M3_{-14}(\downarrow m6_{+14})^2} = (1) + \uparrow P4_{-22}(\downarrow P5_{+22})$

$5401 = 11^1 \bullet 491^1 = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow M7_{+27}(\downarrow m2_{-27})^1} = (1) + \uparrow P4_{-21}(\downarrow P5_{+21})$

$5402 = 2^1 \bullet 37^1 \bullet 73^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m3_{-49}(\downarrow M6_{+49})^1 + \uparrow M2_{+28}(\downarrow m7_{-28})^1} = (1) + \uparrow P4_{-21}(\downarrow P5_{+21})$

$5403 = 3^1 \bullet 1801^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-23}(\downarrow M2_{+23})^1} = (1) + \uparrow P4_{-21}(\downarrow P5_{+21})$

$5404 = 2^2 \bullet 7^1 \bullet 193^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow P5_{+11}(\downarrow P4_{-11})^1} = (1) + \uparrow P4_{-20}(\downarrow P5_{+20})$

$5405 = 5^1 \bullet 23^1 \bullet 47^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow P5_{-34}(\downarrow P4_{+34})^1} = (1) + \uparrow P4_{-20}(\downarrow P5_{+20})$

$5406 = 2^1 \bullet 3^1 \bullet 17^1 \bullet 53^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow M6_{-26}(\downarrow m3_{+26})^1} = (1) + \uparrow P4_{-20}(\downarrow P5_{+20})$

$5407 = 5407^1 = \mathbf{(1) + \uparrow P4_{-19}(\downarrow P5_{+19})}$

$5408 = 2^5 \bullet 13^2 = \mathbf{(1) + \updownarrow 8ve(uni)^5 + \uparrow m6_{+41}(\downarrow M3_{-41})^2} = (1) + \uparrow P4_{-19}(\downarrow P5_{+19})$

$5409 = 3^2 \bullet 601^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m3_{-23}(\downarrow M6_{+23})^1} = (1) + \uparrow P4_{-19}(\downarrow P5_{+19})$

$5410 = 2^1 \bullet 5^1 \bullet 541^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m2_{-5}(\downarrow M7_{+5})^1} = (1) + \uparrow P4_{-18}(\downarrow P5_{+18})$

$5411 = 7^1 \bullet 773^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow P5_{+13}(\downarrow P4_{-13})^1} = (1) + \uparrow P4_{-18}(\downarrow P5_{+18})$

$5412 = 2^2 \bullet 3^1 \bullet 11^1 \bullet 41^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow M3_{+29}(\downarrow m6_{-29})^1} = (1) + \uparrow P4_{-18}(\downarrow P5_{+18})$

$5413 = 5413^1 = \mathbf{(1) + \uparrow P4_{-17}(\downarrow P5_{+17})}$

$5414 = 2^1 \bullet 2707^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P4_{-17}(\downarrow P5_{+17})^1} = (1) + \uparrow P4_{-17}(\downarrow P5_{+17})$

$5415 = 3^1 \bullet 5^1 \bullet 19^2 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^2} = (1) + \uparrow P4_{-17}(\downarrow P5_{+17})$

$5416 = 2^3 \bullet 677^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow P4_{-16}(\downarrow P5_{+16})^1} = (1) + \uparrow P4_{-16}(\downarrow P5_{+16})$

$5417 = 5417^1 = \mathbf{(1) + \uparrow P4_{-16}(\downarrow P5_{+16})}$

$5418 = 2^1 \bullet 3^2 \bullet 7^1 \bullet 43^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow P4_{+12}(\downarrow P5_{-12})^1} = (1) + \uparrow P4_{-16}(\downarrow P5_{+16})$

$5419 = 5419^1 = \mathbf{(1) + \uparrow P4_{-15}(\downarrow P5_{+15})}$

$5420 = 2^2 \bullet 5^1 \bullet 271^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m2_{-1}(\downarrow M7_{+1})^1} = (1) + \uparrow P4_{-15}(\downarrow P5_{+15})$

$5421 = 3^1 \bullet 13^1 \bullet 139^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow m2_{+43}(\downarrow M7_{-43})^1} = (1) + \uparrow P4_{-15}(\downarrow P5_{+15})$

$5422 = 2^1 \bullet 2711^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P4_{-14}(\downarrow P5_{+14})^1} = (1) + \uparrow P4_{-14}(\downarrow P5_{+14})$

$5423 = 11^1 \bullet 17^1 \bullet 29^1 = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1} = (1) + \uparrow P4_{-14}(\downarrow P5_{+14})$

$5424 = 2^4 \bullet 3^1 \bullet 113^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-16}(\downarrow M2_{+16})^1} = (1) + \uparrow P4_{-14}(\downarrow P5_{+14})$

$5425 = 5^2 \bullet 7^1 \bullet 31^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M7_{+45}(\downarrow m2_{-45})^1} = (1) + \uparrow P4_{-14}(\downarrow P5_{+14})$

$5426 = 2^1 \bullet 2713^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P4_{-13}(\downarrow P5_{+13})^1} = (1) + \uparrow P4_{-13}(\downarrow P5_{+13})$

$5427 = 3^4 \bullet 67^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^4 + \uparrow m2_{-21}(\downarrow M7_{+21})^1} = (1) + \uparrow P4_{-13}(\downarrow P5_{+13})$

$5428 = 2^2 \bullet 23^1 \bullet 59^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow M7_{-41}(\downarrow m2_{+41})^1} = (1) + \uparrow P4_{-13}(\downarrow P5_{+13})$

$5429 = 61^1 \bullet 89^1 = \mathbf{(1) + \uparrow M7_{+17}(\downarrow m2_{-17})^1 + \uparrow tt_{-29}(\downarrow tt_{+29})^1} = (1) + \uparrow P4_{-12}(\downarrow P5_{+12})$

$5430 = 2^1 \bullet 3^1 \bullet 5^1 \bullet 181^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{+0}(\downarrow tt_{-0})^1} = (1) + \uparrow P4_{-12}(\downarrow P5_{+12})$

$5431 = 5431^1 = \mathbf{(1) + \uparrow P4_{-12}(\downarrow P5_{+12})}$

$5432 = 2^3 \bullet 7^1 \bullet 97^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow P5_{+20}(\downarrow P4_{-20})^1} = (1) + \uparrow P4_{-11}(\downarrow P5_{+11})$

$5433 = 3^1 \bullet 1811^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-13}(\downarrow M2_{+13})^1} = (1) + \uparrow P4_{-11}(\downarrow P5_{+11})$

$5434 = 2^1 \bullet 11^1 \bullet 13^1 \bullet 19^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1} = (1) + \uparrow P4_{-11}(\downarrow P5_{+11})$

$5435 = 5^1 \bullet 1087^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m2_{+3}(\downarrow M7_{-3})^1} = (1) + \uparrow P4_{-10}(\downarrow P5_{+10})$

$5436 = 2^2 \bullet 3^2 \bullet 151^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m3_{-14}(\downarrow M6_{+14})^1} = (1) + \uparrow P4_{-10}(\downarrow P5_{+10})$

$5437 = 5437^1 = \mathbf{(1) + \uparrow P4_{-10}(\downarrow P5_{+10})}$

$5438 = 2^1 \bullet 2719^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P4_{-9}(\downarrow P5_{+9})^1} = (1) + \uparrow P4_{-9}(\downarrow P5_{+9})$

$5439 = 3^1 \bullet 7^2 \bullet 37^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^2 + \uparrow m3_{-49}(\downarrow M6_{+49})^1} = (1) + \uparrow P4_{-9}(\downarrow P5_{+9})$

$5440 = 2^6 \bullet 5^1 \bullet 17^1 = \mathbf{(1) + \updownarrow 8ve(uni)^6 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1} = (1) + \uparrow P4_{-9}(\downarrow P5_{+9})$

$5441 = 5441^1 = \mathbf{(1) + \uparrow P4_{-8}(\downarrow P5_{+8})}$

$5442 = 2^1 \bullet 3^1 \bullet 907^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-10}(\downarrow M2_{+10})^1} = (1) + \uparrow P4_{-8}(\downarrow P5_{+8})$

$5443 = 5443^1 = \mathbf{(1) + \uparrow P4_{-8}(\downarrow P5_{+8})}$

$5444 = 2^2 \bullet 1361^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P4_{-7}(\downarrow P5_{+7})^1} = (1) + \uparrow P4_{-7}(\downarrow P5_{+7})$

$5445 = 3^2 \bullet 5^1 \bullet 11^2 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^2} = (1) + \uparrow P4_{-7}(\downarrow P5_{+7})$

$5446 = 2^1 \bullet 7^1 \bullet 389^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow P5_{+24}(\downarrow P4_{-24})^1} = (1) + \uparrow P4_{-7}(\downarrow P5_{+7})$

$5447 = 13^1 \bullet 419^1 = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow M6_{-47}(\downarrow m3_{+47})^1} = (1) + \uparrow P4_{-7}(\downarrow P5_{+7})$

$5448 = 2^3 \bullet 3^1 \bullet 227^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-8}(\downarrow M2_{+8})^1} = (1) + \uparrow P4_{-6}(\downarrow P5_{+6})$

$5449 = 5449^1 = \mathbf{(1) + \uparrow P4_{-6}(\downarrow P5_{+6})}$

$5450 = 2^1 \bullet 5^2 \bullet 109^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow M6_{+22}(\downarrow m3_{-22})^1} = (1) + \uparrow P4_{-6}(\downarrow P5_{+6})$

$5451 = 3^1 \bullet 23^1 \bullet 79^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow M3_{-35}(\downarrow m6_{+35})^1} = (1) + \uparrow P4_{-5}(\downarrow P5_{+5})$

$5452 = 2^2 \bullet 29^1 \bullet 47^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m7_{+30}(\downarrow M2_{-30})^1 + \uparrow P5_{-34}(\downarrow P4_{+34})^1} = (1) + \uparrow P4_{-5}(\downarrow P5_{+5})$

$5453 = 7^1 \bullet 19^1 \bullet 41^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow M3_{+29}(\downarrow m6_{-29})^1} = (1) + \uparrow P4_{-5}(\downarrow P5_{+5})$

$5454 = 2^{1}\bullet 3^{3}\bullet 101^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow m6_{-10}(\downarrow M3_{+10})^{1}} = (1) + \uparrow P4_{-4}(\downarrow P5_{+4})$

$5455 = 5^{1}\bullet 1091^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m2_{+10}(\downarrow M7_{-10})^{1}} = (1) + \uparrow P4_{-4}(\downarrow P5_{+4})$

$5456 = 2^{4}\bullet 11^{1}\bullet 31^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1}} = (1) + \uparrow P4_{-4}(\downarrow P5_{+4})$

$5457 = 3^{1}\bullet 17^{1}\bullet 107^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow M6_{-10}(\downarrow m3_{+10})^{1}} = (1) + \uparrow P4_{-3}(\downarrow P5_{+3})$

$5458 = 2^{1}\bullet 2729^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P4_{-3}(\downarrow P5_{+3})^{1}} = (1) + \uparrow P4_{-3}(\downarrow P5_{+3})$

$5459 = 53^{1}\bullet 103^{1} = \mathbf{(1) + \uparrow M6_{-26}(\downarrow m3_{+26})^{1} + \uparrow m6_{+24}(\downarrow M3_{-24})^{1}} = (1) + \uparrow P4_{-3}(\downarrow P5_{+3})$

$5460 = 2^{2}\bullet 3^{1}\bullet 5^{1}\bullet 7^{1}\bullet 13^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1}} =$
$(1) + \uparrow P4_{-2}(\downarrow P5_{+2})$

$5461 = 43^{1}\bullet 127^{1} = \mathbf{(1) + \uparrow P4_{+12}(\downarrow P5_{-12})^{1} + \uparrow 8ve_{-14}(\downarrow uni_{+14})^{1}} = (1) + \uparrow P4_{-2}(\downarrow P5_{+2})$

$5462 = 2^{1}\bullet 2731^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P4_{-2}(\downarrow P5_{+2})^{1}} = (1) + \uparrow P4_{-2}(\downarrow P5_{+2})$

$5463 = 3^{2}\bullet 607^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m3_{-5}(\downarrow M6_{+5})^{1}} = (1) + \uparrow P4_{-1}(\downarrow P5_{+1})$

$5464 = 2^{3}\bullet 683^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P4_{-1}(\downarrow P5_{+1})^{1}} = (1) + \uparrow P4_{-1}(\downarrow P5_{+1})$

$5465 = 5^{1}\bullet 1093^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m2_{+13}(\downarrow M7_{-13})^{1}} = (1) + \uparrow P4_{-1}(\downarrow P5_{+1})$

$5466 = 2^{1}\bullet 3^{1}\bullet 911^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-2}(\downarrow M2_{+2})^{1}} = (1) + \uparrow P4_{+0}(\downarrow P5_{-0})$

$5467 = 7^{1}\bullet 11^{1}\bullet 71^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow M2_{-20}(\downarrow m7_{+20})^{1}} = (1) + \uparrow P4_{+0}(\downarrow P5_{-0})$

$5468 = 2^{2}\bullet 1367^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P4_{+0}(\downarrow P5_{-0})^{1}} = (1) + \uparrow P4_{+0}(\downarrow P5_{-0})$

$5469 = 3^{1}\bullet 1823^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-1}(\downarrow M2_{+1})^{1}} = (1) + \uparrow P4_{+0}(\downarrow P5_{-0})$

$5470 = 2^{1}\bullet 5^{1}\bullet 547^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m2_{+14}(\downarrow M7_{-14})^{1}} = (1) + \uparrow P4_{+1}(\downarrow P5_{-1})$

$5471 = 5471^{1} = \mathbf{(1) + \uparrow P4_{+1}(\downarrow P5_{-1})}$

$5472 = 2^{5}\bullet 3^{2}\bullet 19^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{5} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1}} = (1) + \uparrow P4_{+1}(\downarrow P5_{-1})$

$5473 = 13^{1}\bullet 421^{1} = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow M6_{-39}(\downarrow m3_{+39})^{1}} = (1) + \uparrow P4_{+2}(\downarrow P5_{-2})$

$5474 = 2^{1}\bullet 7^{1}\bullet 17^{1}\bullet 23^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1}} = (1) + \uparrow P4_{+2}(\downarrow P5_{-2})$

$5475 = 3^{1}\bullet 5^{2}\bullet 73^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow M2_{+28}(\downarrow m7_{-28})^{1}} = (1) + \uparrow P4_{+2}(\downarrow P5_{-2})$

$5476 = 2^{2}\bullet 37^{2} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m3_{-49}(\downarrow M6_{+49})^{2}} = (1) + \uparrow P4_{+3}(\downarrow P5_{-3})$

$5477 = 5477^{1} = \mathbf{(1) + \uparrow P4_{+3}(\downarrow P5_{-3})}$

$5478 = 2^{1}\bullet 3^{1}\bullet 11^{1}\bullet 83^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow P4_{-50}(\downarrow P5_{+50})^{1}} = (1) + \uparrow P4_{+3}(\downarrow P5_{-3})$

$5479 = 5479^{1} = \mathbf{(1) + \uparrow P4_{+4}(\downarrow P5_{-4})}$

$5480 = 2^{3}\bullet 5^{1}\bullet 137^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m2_{+18}(\downarrow M7_{-18})^{1}} = (1) + \uparrow P4_{+4}(\downarrow P5_{-4})$

$5481 = 3^{3}\bullet 7^{1}\bullet 29^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1}} = (1) + \uparrow P4_{+4}(\downarrow P5_{-4})$

$5482 = 2^{1}\bullet 2741^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P4_{+5}(\downarrow P5_{-5})^{1}} = (1) + \uparrow P4_{+5}(\downarrow P5_{-5})$

$5483 = 5483^{1} = \mathbf{(1) + \uparrow P4_{+5}(\downarrow P5_{-5})}$

$5484 = 2^{2}\bullet 3^{1}\bullet 457^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{+3}(\downarrow M2_{-3})^{1}} = (1) + \uparrow P4_{+5}(\downarrow P5_{-5})$

$5485 = 5^{1}\bullet 1097^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m2_{+19}(\downarrow M7_{-19})^{1}} = (1) + \uparrow P4_{+6}(\downarrow P5_{-6})$

$5486 = 2^{1}\bullet 13^{1}\bullet 211^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow M6_{-35}(\downarrow m3_{+35})^{1}} = (1) + \uparrow P4_{+6}(\downarrow P5_{-6})$

$5487 = 3^{1}\bullet 31^{1}\bullet 59^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1} + \uparrow M7_{-41}(\downarrow m2_{+41})^{1}} = (1) + \uparrow P4_{+6}(\downarrow P5_{-6})$

$5488 = 2^{4}\bullet 7^{3} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow m7_{-31}(\downarrow M2_{+31})^{3}} = (1) + \uparrow P4_{+6}(\downarrow P5_{-6})$

$5489 = 11^{1}\bullet 499^{1} = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow 8ve_{-45}(\downarrow uni_{+45})^{1}} = (1) + \uparrow P4_{+7}(\downarrow P5_{-7})$

$5490 = 2^{1}\bullet 3^{2}\bullet 5^{1}\bullet 61^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M7_{+17}(\downarrow m2_{-17})^{1}} = (1) + \uparrow P4_{+7}(\downarrow P5_{-7})$

$5491 = 17^{2}\bullet 19^{1} = \mathbf{(1) + \uparrow m2_{+5}(\downarrow M7_{-5})^{2} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1}} = (1) + \uparrow P4_{+7}(\downarrow P5_{-7})$

$5492 = 2^{2}\bullet 1373^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P4_{+8}(\downarrow P5_{-8})^{1}} = (1) + \uparrow P4_{+8}(\downarrow P5_{-8})$

$5493 = 3^{1}\bullet 1831^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{+6}(\downarrow M2_{-6})^{1}} = (1) + \uparrow P4_{+8}(\downarrow P5_{-8})$

$5494 = 2^{1}\bullet 41^{1}\bullet 67^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{+29}(\downarrow m6_{-29})^{1} + \uparrow m2_{-21}(\downarrow M7_{+21})^{1}} = (1) + \uparrow P4_{+8}(\downarrow P5_{-8})$

$5495 = 5^{1}\bullet 7^{1}\bullet 157^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M3_{-46}(\downarrow m6_{+46})^{1}} = (1) + \uparrow P4_{+9}(\downarrow P5_{-9})$

$5496 = 2^{3}\bullet 3^{1}\bullet 229^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{+7}(\downarrow M2_{-7})^{1}} = (1) + \uparrow P4_{+9}(\downarrow P5_{-9})$

$5497 = 23^{1}\bullet 239^{1} = \mathbf{(1) + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow M7_{-19}(\downarrow m2_{+19})^{1}} = (1) + \uparrow P4_{+9}(\downarrow P5_{-9})$

$5498 = 2^{1}\bullet 2749^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P4_{+10}(\downarrow P5_{-10})^{1}} = (1) + \uparrow P4_{+10}(\downarrow P5_{-10})$

$5499 = 3^{2}\bullet 13^{1}\bullet 47^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow P5_{-34}(\downarrow P4_{+34})^{1}} = (1) + \uparrow P4_{+10}(\downarrow P5_{-10})$

$5500 = 2^{2}\bullet 5^{3}\bullet 11^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{3} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1}} = (1) + \uparrow P4_{+10}(\downarrow P5_{-10})$

$5501 = 5501^{1} = \mathbf{(1) + \uparrow P4_{+11}(\downarrow P5_{-11})}$

$5502 = 2^{1}\bullet 3^{1}\bullet 7^{1}\bullet 131^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow uni_{+40}(\downarrow 8ve_{-40})^{1}} = (1) + \uparrow P4_{+11}(\downarrow P5_{-11})$

$5503 = 5503^{1} = \mathbf{(1) + \uparrow P4_{+11}(\downarrow P5_{-11})}$

$5504 = 2^{7}\bullet 43^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{7} + \uparrow P4_{+12}(\downarrow P5_{-12})^{1}} = (1) + \uparrow P4_{+12}(\downarrow P5_{-12})$

$5505 = 3^{1}\bullet 5^{1}\bullet 367^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{+24}(\downarrow tt_{-24})^{1}} = (1) + \uparrow P4_{+12}(\downarrow P5_{-12})$

$5506 = 2^{1}\bullet 2753^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P4_{+12}(\downarrow P5_{-12})^{1}} = (1) + \uparrow P4_{+12}(\downarrow P5_{-12})$

$5507 = 5507^{1} = \mathbf{(1) + \uparrow P4_{+12}(\downarrow P5_{-12})}$

$5508 = 2^{2}\bullet 3^{4}\bullet 17^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{4} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1}} = (1) + \uparrow P4_{+13}(\downarrow P5_{-13})$

$5509 = 7^{1}\bullet 787^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow P5_{+44}(\downarrow P4_{-44})^{1}} = (1) + \uparrow P4_{+13}(\downarrow P5_{-13})$

$5510 = 2^{1}\bullet 5^{1}\bullet 19^{1}\bullet 29^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1}} = (1) + \uparrow P4_{+13}(\downarrow P5_{-13})$

$5511 = 3^{1}\bullet 11^{1}\bullet 167^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow P4_{-40}(\downarrow P5_{+40})^{1}} = (1) + \uparrow P4_{+14}(\downarrow P5_{-14})$

$5512 = 2^{3}\bullet 13^{1}\bullet 53^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow M6_{-26}(\downarrow m3_{+26})^{1}} = (1) + \uparrow P4_{+14}(\downarrow P5_{-14})$

$5513 = 37^{1}\bullet 149^{1} = \mathbf{(1) + \uparrow m3_{-49}(\downarrow M6_{+49})^{1} + \uparrow m3_{-37}(\downarrow M6_{+37})^{1}} = (1) + \uparrow P4_{+14}(\downarrow P5_{-14})$

$5514 = 2^{1}\bullet 3^{1}\bullet 919^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{+13}(\downarrow M2_{-13})^{1}} = (1) + \uparrow P4_{+15}(\downarrow P5_{-15})$

$5515 = 5^{1}\bullet 1103^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m2_{+29}(\downarrow M7_{-29})^{1}} = (1) + \uparrow P4_{+15}(\downarrow P5_{-15})$

$5516 = 2^{2}\bullet 7^{1}\bullet 197^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow P5_{+46}(\downarrow P4_{-46})^{1}} = (1) + \uparrow P4_{+15}(\downarrow P5_{-15})$

$5517 = 3^{2}\bullet 613^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m3_{+12}(\downarrow M6_{-12})^{1}} = (1) + \uparrow P4_{+16}(\downarrow P5_{-16})$

$5518 = 2^{1}\bullet 31^{1}\bullet 89^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1} + \uparrow tt_{-29}(\downarrow tt_{+29})^{1}} = (1) + \uparrow P4_{+16}(\downarrow P5_{-16})$

$5519 = 5519^{1} = \mathbf{(1) + \uparrow P4_{+16}(\downarrow P5_{-16})}$

$5520 = 2^{4}\bullet 3^{1}\bullet 5^{1}\bullet 23^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1}} = (1) + \uparrow P4_{+17}(\downarrow P5_{-17})$

$5521 = 5521^{1} = \mathbf{(1) + \uparrow P4_{+17}(\downarrow P5_{-17})}$

$5522 = 2^{1}\bullet 11^{1}\bullet 251^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow 8ve_{-34}(\downarrow uni_{+34})^{1}} = (1) + \uparrow P4_{+17}(\downarrow P5_{-17})$

$5523 = 3^{1}\bullet 7^{1}\bullet 263^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow uni_{+47}(\downarrow 8ve_{-47})^{1}} = (1) + \uparrow P4_{+17}(\downarrow P5_{-17})$

$5524 = 2^{2}\bullet 1381^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P4_{+18}(\downarrow P5_{-18})^{1}} = (1) + \uparrow P4_{+18}(\downarrow P5_{-18})$

$5525 = 5^{2}\bullet 13^{1}\bullet 17^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1}} = (1) + \uparrow P4_{+18}(\downarrow P5_{-18})$

$5526 = 2^{1}\bullet 3^{2}\bullet 307^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m3_{+15}(\downarrow M6_{-15})^{1}} = (1) + \uparrow P4_{+18}(\downarrow P5_{-18})$

$5527 = 5527^{1} = \mathbf{(1) + \uparrow P4_{+19}(\downarrow P5_{-19})}$

$5528 = 2^{3}\bullet 691^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P4_{+19}(\downarrow P5_{-19})^{1}} = (1) + \uparrow P4_{+19}(\downarrow P5_{-19})$

$5529 = 3^{1}\bullet 19^{1}\bullet 97^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow P5_{+20}(\downarrow P4_{-20})^{1}} = (1) + \uparrow P4_{+19}(\downarrow P5_{-19})$

$5530 = 2^{1}\bullet 5^{1}\bullet 7^{1}\bullet 79^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M3_{-35}(\downarrow m6_{+35})^{1}} = (1) + \uparrow P4_{+20}(\downarrow P5_{-20})$

$5531 = 5531^{1} = \mathbf{(1) + \uparrow P4_{+20}(\downarrow P5_{-20})}$

$5532 = 2^{2}\bullet 3^{1}\bullet 461^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{+18}(\downarrow M2_{-18})^{1}} = (1) + \uparrow P4_{+20}(\downarrow P5_{-20})$

$5533 = 11^{1}\bullet 503^{1} = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow 8ve_{-31}(\downarrow uni_{+31})^{1}} = (1) + \uparrow P4_{+21}(\downarrow P5_{-21})$

$5534 = 2^{1}\bullet 2767^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P4_{+21}(\downarrow P5_{-21})^{1}} = (1) + \uparrow P4_{+21}(\downarrow P5_{-21})$

$5535 = 3^{3}\bullet 5^{1}\bullet 41^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M3_{+29}(\downarrow m6_{-29})^{1}} = (1) + \uparrow P4_{+21}(\downarrow P5_{-21})$

$5536 = 2^{5}\bullet 173^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{5} + \uparrow P4_{+22}(\downarrow P5_{-22})^{1}} = (1) + \uparrow P4_{+22}(\downarrow P5_{-22})$

$5537 = 7^2 \bullet 113^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^2 + \uparrow m7_{-16}(\downarrow M2_{+16})^1} = (1) + \uparrow P4_{+22}(\downarrow P5_{-22})$

$5538 = 2^1 \bullet 3^1 \bullet 13^1 \bullet 71^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow M2_{-20}(\downarrow m7_{+20})^1} = (1) + \uparrow P4_{+22}(\downarrow P5_{-22})$

$5539 = 29^1 \bullet 191^1 = \mathbf{(1) + \uparrow m7_{+30}(\downarrow M2_{-30})^1 + \uparrow P5_{-7}(\downarrow P4_{+7})^1} = (1) + \uparrow P4_{+22}(\downarrow P5_{-22})$

$5540 = 2^2 \bullet 5^1 \bullet 277^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m2_{+36}(\downarrow M7_{-36})^1} = (1) + \uparrow P4_{+23}(\downarrow P5_{-23})$

$5541 = 3^1 \bullet 1847^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{+21}(\downarrow M2_{-21})^1} = (1) + \uparrow P4_{+23}(\downarrow P5_{-23})$

$5542 = 2^1 \bullet 17^1 \bullet 163^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow M3_{+18}(\downarrow m6_{-18})^1} = (1) + \uparrow P4_{+23}(\downarrow P5_{-23})$

$5543 = 23^1 \bullet 241^1 = \mathbf{(1) + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow M7_{-5}(\downarrow m2_{+5})^1} = (1) + \uparrow P4_{+24}(\downarrow P5_{-24})$

$5544 = 2^3 \bullet 3^2 \bullet 7^1 \bullet 11^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1} = (1) + \uparrow P4_{+24}(\downarrow P5_{-24})$

$5545 = 5^1 \bullet 1109^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m2_{+38}(\downarrow M7_{-38})^1} = (1) + \uparrow P4_{+24}(\downarrow P5_{-24})$

$5546 = 2^1 \bullet 47^1 \bullet 59^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{-34}(\downarrow P4_{+34})^1 + \uparrow M7_{-41}(\downarrow m2_{+41})^1} = (1) + \uparrow P4_{+25}(\downarrow P5_{-25})$

$5547 = 3^1 \bullet 43^2 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow P4_{+12}(\downarrow P5_{-12})^2} = (1) + \uparrow P4_{+25}(\downarrow P5_{-25})$

$5548 = 2^2 \bullet 19^1 \bullet 73^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow M2_{+28}(\downarrow m7_{-28})^1} = (1) + \uparrow P4_{+25}(\downarrow P5_{-25})$

$5549 = 31^1 \bullet 179^1 = \mathbf{(1) + \uparrow M7_{+45}(\downarrow m2_{-45})^1 + \uparrow tt_{-19}(\downarrow tt_{+19})^1} = (1) + \uparrow P4_{+26}(\downarrow P5_{-26})$

$5550 = 2^1 \bullet 3^1 \bullet 5^2 \bullet 37^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow m3_{-49}(\downarrow M6_{+49})^1} = (1) + \uparrow P4_{+26}(\downarrow P5_{-26})$

$5551 = 7^1 \bullet 13^1 \bullet 61^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow M7_{+17}(\downarrow m2_{-17})^1} = (1) + \uparrow P4_{+26}(\downarrow P5_{-26})$

$5552 = 2^4 \bullet 347^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow P4_{+27}(\downarrow P5_{-27})^1} = (1) + \uparrow P4_{+27}(\downarrow P5_{-27})$

$5553 = 3^2 \bullet 617^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m3_{+23}(\downarrow M6_{-23})^1} = (1) + \uparrow P4_{+27}(\downarrow P5_{-27})$

$5554 = 2^1 \bullet 2777^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P4_{+27}(\downarrow P5_{-27})^1} = (1) + \uparrow P4_{+27}(\downarrow P5_{-27})$

$5555 = 5^1 \bullet 11^1 \bullet 101^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m6_{-10}(\downarrow M3_{+10})^1} = (1) + \uparrow P4_{+27}(\downarrow P5_{-27})$

$5556 = 2^2 \bullet 3^1 \bullet 463^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{+26}(\downarrow M2_{-26})^1} = (1) + \uparrow P4_{+28}(\downarrow P5_{-28})$

$5557 = 5557^1 = \mathbf{(1) + \uparrow P4_{+28}(\downarrow P5_{-28})}$

$5558 = 2^1 \bullet 7^1 \bullet 397^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m6_{-40}(\downarrow M3_{+40})^1} = (1) + \uparrow P4_{+28}(\downarrow P5_{-28})$

$5559 = 3^1 \bullet 17^1 \bullet 109^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow M6_{+22}(\downarrow m3_{-22})^1} = (1) + \uparrow P4_{+29}(\downarrow P5_{-29})$

$5560 = 2^3 \bullet 5^1 \bullet 139^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m2_{+43}(\downarrow M7_{-43})^1} = (1) + \uparrow P4_{+29}(\downarrow P5_{-29})$

$5561 = 67^1 \bullet 83^1 = \mathbf{(1) + \uparrow m2_{-21}(\downarrow M7_{+21})^1 + \uparrow P4_{-50}(\downarrow P5_{+50})^1} = (1) + \uparrow P4_{+29}(\downarrow P5_{-29})$

$5562 = 2^1 \bullet 3^3 \bullet 103^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow m6_{+24}(\downarrow M3_{-24})^1} = (1) + \uparrow P4_{+30}(\downarrow P5_{-30})$

$5563 = 5563^1 = \mathbf{(1) + \uparrow P4_{+30}(\downarrow P5_{-30})}$

$5564 = 2^2 \bullet 13^1 \bullet 107^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow M6_{-10}(\downarrow m3_{+10})^1} = (1) + \uparrow P4_{+30}(\downarrow P5_{-30})$

$5565 = 3^1 \bullet 5^1 \bullet 7^1 \bullet 53^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M6_{-26}(\downarrow m3_{+26})^1} = (1) + \uparrow P4_{+31}(\downarrow P5_{-31})$

$5566 = 2^1 \bullet 11^2 \bullet 23^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^2 + \uparrow tt_{+28}(\downarrow tt_{-28})^1} = (1) + \uparrow P4_{+31}(\downarrow P5_{-31})$

$5567 = 19^1 \bullet 293^1 = \mathbf{(1) + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow M2_{+34}(\downarrow m7_{-34})^1} = (1) + \uparrow P4_{+31}(\downarrow P5_{-31})$

$5568 = 2^6 \bullet 3^1 \bullet 29^1 = \mathbf{(1) + \updownarrow 8ve(uni)^6 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1} = (1) + \uparrow P4_{+32}(\downarrow P5_{-32})$

$5569 = 5569^1 = \mathbf{(1) + \uparrow P4_{+32}(\downarrow P5_{-32})}$

$5570 = 2^1 \bullet 5^1 \bullet 557^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m2_{+46}(\downarrow M7_{-46})^1} = (1) + \uparrow P4_{+32}(\downarrow P5_{-32})$

$5571 = 3^2 \bullet 619^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m3_{+29}(\downarrow M6_{-29})^1} = (1) + \uparrow P4_{+32}(\downarrow P5_{-32})$

$5572 = 2^2 \bullet 7^1 \bullet 199^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m6_{-36}(\downarrow M3_{+36})^1} = (1) + \uparrow P4_{+33}(\downarrow P5_{-33})$

$5573 = 5573^1 = \mathbf{(1) + \uparrow P4_{+33}(\downarrow P5_{-33})}$

$5574 = 2^1 \bullet 3^1 \bullet 929^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{+31}(\downarrow M2_{-31})^1} = (1) + \uparrow P4_{+33}(\downarrow P5_{-33})$

$5575 = 5^2 \bullet 223^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow m7_{-39}(\downarrow M2_{+39})^1} = (1) + \uparrow P4_{+34}(\downarrow P5_{-34})$

$5576 = 2^3 \bullet 17^1 \bullet 41^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow M3_{+29}(\downarrow m6_{-29})^1} = (1) + \uparrow P4_{+34}(\downarrow P5_{-34})$

$5577 = 3^1 \bullet 11^1 \bullet 13^2 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^2} = (1) + \uparrow P4_{+34}(\downarrow P5_{-34})$

$5578 = 2^1 \bullet 2789^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P4_{+35}(\downarrow P5_{-35})^1} = (1) + \uparrow P4_{+35}(\downarrow P5_{-35})$

$5579 = 7^1 \bullet 797^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m6_{-34}(\downarrow M3_{+34})^1} = (1) + \uparrow P4_{+35}(\downarrow P5_{-35})$

$5580 = 2^2 \bullet 3^2 \bullet 5^1 \bullet 31^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M7_{+45}(\downarrow m2_{-45})^1} = (1) + \uparrow P4_{+35}(\downarrow P5_{-35})$

$5581 = 5581^1 = \mathbf{(1) + \uparrow P4_{+36}(\downarrow P5_{-36})}$

$5582 = 2^1 \bullet 2791^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P4_{+36}(\downarrow P5_{-36})^1} = (1) + \uparrow P4_{+36}(\downarrow P5_{-36})$

$5583 = 3^1 \bullet 1861^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{+34}(\downarrow M2_{-34})^1} = (1) + \uparrow P4_{+36}(\downarrow P5_{-36})$

$5584 = 2^4 \bullet 349^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow P4_{+36}(\downarrow P5_{-36})^1} = (1) + \uparrow P4_{+36}(\downarrow P5_{-36})$

$5585 = 5^1 \bullet 1117^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M2_{-50}(\downarrow m7_{+50})^1} = (1) + \uparrow P4_{+37}(\downarrow P5_{-37})$

$5586 = 2^1 \bullet 3^1 \bullet 7^2 \bullet 19^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^2 + \uparrow m3_{-2}(\downarrow M6_{+2})^1} = (1) + \uparrow P4_{+37}(\downarrow P5_{-37})$

$5587 = 37^1 \bullet 151^1 = \mathbf{(1) + \uparrow m3_{-49}(\downarrow M6_{+49})^1 + \uparrow m3_{-14}(\downarrow M6_{+14})^1} = (1) + \uparrow P4_{+37}(\downarrow P5_{-37})$

$5588 = 2^2 \bullet 11^1 \bullet 127^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow 8ve_{-14}(\downarrow uni_{+14})^1} = (1) + \uparrow P4_{+38}(\downarrow P5_{-38})$

$5589 = 3^5 \bullet 23^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^5 + \uparrow tt_{+28}(\downarrow tt_{-28})^1} = (1) + \uparrow P4_{+38}(\downarrow P5_{-38})$

$5590 = 2^1 \bullet 5^1 \bullet 13^1 \bullet 43^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow P4_{+12}(\downarrow P5_{-12})^1} = (1) + \uparrow P4_{+38}(\downarrow P5_{-38})$

$5591 = 5591^1 = \mathbf{(1) + \uparrow P4_{+39}(\downarrow P5_{-39})}$

$5592 = 2^3 \bullet 3^1 \bullet 233^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{+37}(\downarrow M2_{-37})^1} = (1) + \uparrow P4_{+39}(\downarrow P5_{-39})$

$5593 = 7^1 \bullet 17^1 \bullet 47^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow P5_{-34}(\downarrow P4_{+34})^1} = (1) + \uparrow P4_{+39}(\downarrow P5_{-39})$

$5594 = 2^1 \bullet 2797^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P4_{+40}(\downarrow P5_{-40})^1} = (1) + \uparrow P4_{+40}(\downarrow P5_{-40})$

$5595 = 3^1 \bullet 5^1 \bullet 373^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow P5_{-48}(\downarrow P4_{+48})^1} = (1) + \uparrow P4_{+40}(\downarrow P5_{-40})$

$5596 = 2^2 \bullet 1399^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P4_{+40}(\downarrow P5_{-40})^1} = (1) + \uparrow P4_{+40}(\downarrow P5_{-40})$

$5597 = 29^1 \bullet 193^1 = \mathbf{(1) + \uparrow m7_{+30}(\downarrow M2_{-30})^1 + \uparrow P5_{+11}(\downarrow P4_{-11})^1} = (1) + \uparrow P4_{+41}(\downarrow P5_{-41})$

$5598 = 2^1 \bullet 3^2 \bullet 311^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m3_{+37}(\downarrow M6_{-37})^1} = (1) + \uparrow P4_{+41}(\downarrow P5_{-41})$

$5599 = 11^1 \bullet 509^1 = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow 8ve_{-10}(\downarrow uni_{+10})^1} = (1) + \uparrow P4_{+41}(\downarrow P5_{-41})$

$5600 = 2^5 \bullet 5^2 \bullet 7^1 = \mathbf{(1) + \updownarrow 8ve(uni)^5 + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow m7_{-31}(\downarrow M2_{+31})^1} = (1) + \uparrow P4_{+41}(\downarrow P5_{-41})$

$5601 = 3^1 \bullet 1867^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{+40}(\downarrow M2_{-40})^1} = (1) + \uparrow P4_{+42}(\downarrow P5_{-42})$

$5602 = 2^1 \bullet 2801^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P4_{+42}(\downarrow P5_{-42})^1} = (1) + \uparrow P4_{+42}(\downarrow P5_{-42})$

$5603 = 13^1 \bullet 431^1 = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow M6_{+2}(\downarrow m3_{-2})^1} = (1) + \uparrow P4_{+42}(\downarrow P5_{-42})$

$5604 = 2^2 \bullet 3^1 \bullet 467^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{+41}(\downarrow M2_{-41})^1} = (1) + \uparrow P4_{+43}(\downarrow P5_{-43})$

$5605 = 5^1 \bullet 19^1 \bullet 59^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow M7_{-41}(\downarrow m2_{+41})^1} = (1) + \uparrow P4_{+43}(\downarrow P5_{-43})$

$5606 = 2^1 \bullet 2803^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P4_{+43}(\downarrow P5_{-43})^1} = (1) + \uparrow P4_{+43}(\downarrow P5_{-43})$

$5607 = 3^2 \bullet 7^1 \bullet 89^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow tt_{-29}(\downarrow tt_{+29})^1} = (1) + \uparrow P4_{+44}(\downarrow P5_{-44})$

$5608 = 2^3 \bullet 701^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow P4_{+44}(\downarrow P5_{-44})^1} = (1) + \uparrow P4_{+44}(\downarrow P5_{-44})$

$5609 = 71^1 \bullet 79^1 = \mathbf{(1) + \uparrow M2_{-20}(\downarrow m7_{+20})^1 + \uparrow M3_{-35}(\downarrow m6_{+35})^1} = (1) + \uparrow P4_{+44}(\downarrow P5_{-44})$

$5610 = 2^1 \bullet 3^1 \bullet 5^1 \bullet 11^1 \bullet 17^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1} =$
$(1) + \uparrow P4_{+45}(\downarrow P5_{-45})$

$5611 = 31^1 \bullet 181^1 = \mathbf{(1) + \uparrow M7_{+45}(\downarrow m2_{-45})^1 + \uparrow tt_{+0}(\downarrow tt_{-0})^1} = (1) + \uparrow P4_{+45}(\downarrow P5_{-45})$

$5612 = 2^2 \bullet 23^1 \bullet 61^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow M7_{+17}(\downarrow m2_{-17})^1} = (1) + \uparrow P4_{+45}(\downarrow P5_{-45})$

$5613 = 3^1 \bullet 1871^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{+44}(\downarrow M2_{-44})^1} = (1) + \uparrow P4_{+45}(\downarrow P5_{-45})$

$5614 = 2^1 \bullet 7^1 \bullet 401^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m6_{-23}(\downarrow M3_{+23})^1} = (1) + \uparrow P4_{+46}(\downarrow P5_{-46})$

$5615 = 5^1 \bullet 1123^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M2_{-40}(\downarrow m7_{+40})^1} = (1) + \uparrow P4_{+46}(\downarrow P5_{-46})$

$5616 = 2^4 \bullet 3^3 \bullet 13^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow m6_{+41}(\downarrow M3_{-41})^1} = (1) + \uparrow P4_{+46}(\downarrow P5_{-46})$

$5617 = 41^1 \bullet 137^1 = \mathbf{(1) + \uparrow M3_{+29}(\downarrow m6_{-29})^1 + \uparrow m2_{+18}(\downarrow M7_{-18})^1} = (1) + \uparrow P4_{+47}(\downarrow P5_{-47})$

$5618 = 2^1 \bullet 53^2 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M6_{-26}(\downarrow m3_{+26})^2} = (1) + \uparrow P4_{+47}(\downarrow P5_{-47})$

$5619 = 3^1 \bullet 1873^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{+45}(\downarrow M2_{-45})^1} = (1) + \uparrow P4_{+47}(\downarrow P5_{-47})$

$5620 = 2^2 \bullet 5^1 \bullet 281^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M2_{-39}(\downarrow m7_{+39})^1} = (1) + \uparrow P4_{+48}(\downarrow P5_{-48})$

$5621 = 7^1 \bullet 11^1 \bullet 73^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow M2_{+28}(\downarrow m7_{-28})^1} = (1) + \uparrow P4_{+48}(\downarrow P5_{-48})$

$5622 = 2^1 \bullet 3^1 \bullet 937^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{+46}(\downarrow M2_{-46})^1} = (1) + \uparrow P4_{+48}(\downarrow P5_{-48})$

$5623 = 5623^1 = \mathbf{(1) + \uparrow P4_{+49}(\downarrow P5_{-49})}$

$5624 = 2^3 \bullet 19^1 \bullet 37^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow m3_{-49}(\downarrow M6_{+49})^1} = (1) + \uparrow P4_{+49}(\downarrow P5_{-49})$

$5625 = 3^2 \bullet 5^4 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^4} = (1) + \uparrow P4_{+49}(\downarrow P5_{-49})$

$5626 = 2^1 \bullet 29^1 \bullet 97^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1 + \uparrow P5_{+20}(\downarrow P4_{-20})^1} = (1) + \uparrow P4_{+49}(\downarrow P5_{-49})$

$5627 = 17^1 \bullet 331^1 = \mathbf{(1) + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow M3_{+45}(\downarrow m6_{-45})^1} = (1) + \uparrow P4_{+50}(\downarrow P5_{-50})$

$5628 = 2^2 \bullet 3^1 \bullet 7^1 \bullet 67^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m2_{-21}(\downarrow M7_{+21})^1} = (1) + \uparrow tt_{-50}(\downarrow tt_{+50})$

$5629 = 13^1 \bullet 433^1 = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow M6_{+10}(\downarrow m3_{-10})^1} = (1) + \uparrow tt_{-50}(\downarrow tt_{+50})$

$5630 = 2^1 \bullet 5^1 \bullet 563^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M2_{-36}(\downarrow m7_{+36})^1} = (1) + \uparrow tt_{-49}(\downarrow tt_{+49})$

$5631 = 3^1 \bullet 1877^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{+49}(\downarrow M2_{-49})^1} = (1) + \uparrow tt_{-49}(\downarrow tt_{+49})$

$5632 = 2^9 \bullet 11^1 = \mathbf{(1) + \updownarrow 8ve(uni)^9 + \uparrow tt_{-49}(\downarrow tt_{+49})^1} = (1) + \uparrow tt_{-49}(\downarrow tt_{+49})$

$5633 = 43^1 \bullet 131^1 = \mathbf{(1) + \uparrow P4_{+12}(\downarrow P5_{-12})^1 + \uparrow uni_{+40}(\downarrow 8ve_{-40})^1} = (1) + \uparrow tt_{-48}(\downarrow tt_{+48})$

$5634 = 2^1 \bullet 3^2 \bullet 313^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m3_{+48}(\downarrow M6_{-48})^1} = (1) + \uparrow tt_{-48}(\downarrow tt_{+48})$

$5635 = 5^1 \bullet 7^2 \bullet 23^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^2 + \uparrow tt_{+28}(\downarrow tt_{-28})^1} = (1) + \uparrow tt_{-48}(\downarrow tt_{+48})$

$5636 = 2^2 \bullet 1409^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow tt_{-47}(\downarrow tt_{+47})^1} = (1) + \uparrow tt_{-47}(\downarrow tt_{+47})$

$5637 = 3^1 \bullet 1879^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M7_{-49}(\downarrow m2_{+49})^1} = (1) + \uparrow tt_{-47}(\downarrow tt_{+47})$

$5638 = 2^1 \bullet 2819^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow tt_{-47}(\downarrow tt_{+47})^1} = (1) + \uparrow tt_{-47}(\downarrow tt_{+47})$

$5639 = 5639^1 = \mathbf{(1) + \uparrow tt_{-47}(\downarrow tt_{+47})}$

$5640 = 2^3 \bullet 3^1 \bullet 5^1 \bullet 47^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow P5_{-34}(\downarrow P4_{+34})^1} = (1) + \uparrow tt_{-46}(\downarrow tt_{+46})$

$5641 = 5641^1 = \mathbf{(1) + \uparrow tt_{-46}(\downarrow tt_{+46})}$

$5642 = 2^1 \bullet 7^1 \bullet 13^1 \bullet 31^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow M7_{+45}(\downarrow m2_{-45})^1} = (1) + \uparrow tt_{-46}(\downarrow tt_{+46})$

$5643 = 3^3 \bullet 11^1 \bullet 19^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1} = (1) + \uparrow tt_{-45}(\downarrow tt_{+45})$

$5644 = 2^2 \bullet 17^1 \bullet 83^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow P4_{-50}(\downarrow P5_{+50})^1} = (1) + \uparrow tt_{-45}(\downarrow tt_{+45})$

$5645 = 5^1 \bullet 1129^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M2_{-31}(\downarrow m7_{+31})^1} = (1) + \uparrow tt_{-45}(\downarrow tt_{+45})$

$5646 = 2^1 \bullet 3^1 \bullet 941^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M7_{-46}(\downarrow m2_{+46})^1} = (1) + \uparrow tt_{-44}(\downarrow tt_{+44})$

$5647 = 5647^1 = \mathbf{(1) + \uparrow tt_{-44}(\downarrow tt_{+44})}$

$5648 = 2^4 \bullet 353^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow tt_{-44}(\downarrow tt_{+44})^1} = (1) + \uparrow tt_{-44}(\downarrow tt_{+44})$

$5649 = 3^1 \bullet 7^1 \bullet 269^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m2_{-14}(\downarrow M7_{+14})^1} = (1) + \uparrow tt_{-43}(\downarrow tt_{+43})$

$5650 = 2^1 \bullet 5^2 \bullet 113^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow m7_{-16}(\downarrow M2_{+16})^1} = (1) + \uparrow tt_{-43}(\downarrow tt_{+43})$

$5651 = 5651^1 = \mathbf{(1) + \uparrow tt_{-43}(\downarrow tt_{+43})}$

$5652 = 2^2 \bullet 3^2 \bullet 157^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M3_{-46}(\downarrow m6_{+46})^1} = (1) + \uparrow tt_{-43}(\downarrow tt_{+43})$

$5653 = 5653^1 = \mathbf{(1) + \uparrow tt_{-42}(\downarrow tt_{+42})}$

$5654 = 2^1 \bullet 11^1 \bullet 257^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow uni_{+7}(\downarrow 8ve_{-7})^1} = (1) + \uparrow tt_{-42}(\downarrow tt_{+42})$

$5655 = 3^1 \bullet 5^1 \bullet 13^1 \bullet 29^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1} = (1) + \uparrow tt_{-42}(\downarrow tt_{+42})$

$5656 = 2^3 \bullet 7^1 \bullet 101^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m6_{-10}(\downarrow M3_{+10})^1} = (1) + \uparrow tt_{-41}(\downarrow tt_{+41})$

$5657 = 5657^1 = \mathbf{(1) + \uparrow tt_{-41}(\downarrow tt_{+41})}$

$5658 = 2^1 \bullet 3^1 \bullet 23^1 \bullet 41^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow M3_{+29}(\downarrow m6_{-29})^1} = (1) + \uparrow tt_{-41}(\downarrow tt_{+41})$

$5659 = 5659^1 = \mathbf{(1) + \uparrow tt_{-40}(\downarrow tt_{+40})}$

$5660 = 2^2 \bullet 5^1 \bullet 283^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M2_{-26}(\downarrow m7_{+26})^1} = (1) + \uparrow tt_{-40}(\downarrow tt_{+40})$

$5661 = 3^2 \bullet 17^1 \bullet 37^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow m3_{-49}(\downarrow M6_{+49})^1} = (1) + \uparrow tt_{-40}(\downarrow tt_{+40})$

$5662 = 2^1 \bullet 19^1 \bullet 149^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow m3_{-37}(\downarrow M6_{+37})^1} = (1) + \uparrow tt_{-39}(\downarrow tt_{+39})$

$5663 = 7^1 \bullet 809^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m6_{-8}(\downarrow M3_{+8})^1} = (1) + \uparrow tt_{-39}(\downarrow tt_{+39})$

$5664 = 2^5 \bullet 3^1 \bullet 59^1 = \mathbf{(1) + \updownarrow 8ve(uni)^5 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M7_{-41}(\downarrow m2_{+41})^1} = (1) + \uparrow tt_{-39}(\downarrow tt_{+39})$

$5665 = 5^1 \bullet 11^1 \bullet 103^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m6_{+24}(\downarrow M3_{-24})^1} = (1) + \uparrow tt_{-39}(\downarrow tt_{+39})$

$5666 = 2^1 \bullet 2833^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow tt_{-38}(\downarrow tt_{+38})^1} = (1) + \uparrow tt_{-38}(\downarrow tt_{+38})$

$5667 = 3^1 \bullet 1889^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M7_{-40}(\downarrow m2_{+40})^1} = (1) + \uparrow tt_{-38}(\downarrow tt_{+38})$

$5668 = 2^2 \bullet 13^1 \bullet 109^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow M6_{+22}(\downarrow m3_{-22})^1} = (1) + \uparrow tt_{-38}(\downarrow tt_{+38})$

$5669 = 5669^1 = \mathbf{(1) + \uparrow tt_{-37}(\downarrow tt_{+37})}$

$5670 = 2^1 \bullet 3^4 \bullet 5^1 \bullet 7^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^4 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1} = (1) + \uparrow tt_{-37}(\downarrow tt_{+37})$

$5671 = 53^1 \bullet 107^1 = \mathbf{(1) + \uparrow M6_{-26}(\downarrow m3_{+26})^1 + \uparrow M6_{-10}(\downarrow m3_{+10})^1} = (1) + \uparrow tt_{-37}(\downarrow tt_{+37})$

$5672 = 2^3 \bullet 709^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow tt_{-36}(\downarrow tt_{+36})^1} = (1) + \uparrow tt_{-36}(\downarrow tt_{+36})$

$5673 = 3^1 \bullet 31^1 \bullet 61^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M7_{+45}(\downarrow m2_{-45})^1 + \uparrow M7_{+17}(\downarrow m2_{-17})^1} = (1) + \uparrow tt_{-36}(\downarrow tt_{+36})$

$5674 = 2^1 \bullet 2837^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow tt_{-36}(\downarrow tt_{+36})^1} = (1) + \uparrow tt_{-36}(\downarrow tt_{+36})$

$5675 = 5^2 \bullet 227^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow m7_{-8}(\downarrow M2_{+8})^1} = (1) + \uparrow tt_{-36}(\downarrow tt_{+36})$

$5676 = 2^2 \bullet 3^1 \bullet 11^1 \bullet 43^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow P4_{+12}(\downarrow P5_{-12})^1} = (1) + \uparrow tt_{-35}(\downarrow tt_{+35})$

$5677 = 7^1 \bullet 811^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m6_{-4}(\downarrow M3_{+4})^1} = (1) + \uparrow tt_{-35}(\downarrow tt_{+35})$

$5678 = 2^1 \bullet 17^1 \bullet 167^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow P4_{-40}(\downarrow P5_{+40})^1} = (1) + \uparrow tt_{-35}(\downarrow tt_{+35})$

$5679 = 3^2 \bullet 631^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M3_{-38}(\downarrow m6_{+38})^1} = (1) + \uparrow tt_{-34}(\downarrow tt_{+34})$

$5680 = 2^4 \bullet 5^1 \bullet 71^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M2_{-20}(\downarrow m7_{+20})^1} = (1) + \uparrow tt_{-34}(\downarrow tt_{+34})$

$5681 = 13^1 \bullet 19^1 \bullet 23^1 = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1} = (1) + \uparrow tt_{-34}(\downarrow tt_{+34})$

$5682 = 2^1 \bullet 3^1 \bullet 947^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M7_{-35}(\downarrow m2_{+35})^1} = (1) + \uparrow tt_{-33}(\downarrow tt_{+33})$

$5683 = 5683^1 = \mathbf{(1) + \uparrow tt_{-33}(\downarrow tt_{+33})}$

$5684 = 2^2 \bullet 7^2 \bullet 29^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m7_{-31}(\downarrow M2_{+31})^2 + \uparrow m7_{+30}(\downarrow M2_{-30})^1} = (1) + \uparrow tt_{-33}(\downarrow tt_{+33})$

$5685 = 3^1 \bullet 5^1 \bullet 379^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow P5_{-21}(\downarrow P4_{+21})^1} = (1) + \uparrow tt_{-32}(\downarrow tt_{+32})$

$5686 = 2^1 \bullet 2843^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow tt_{-32}(\downarrow tt_{+32})^1} = (1) + \uparrow tt_{-32}(\downarrow tt_{+32})$

$5687 = 11^2 \bullet 47^1 = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^2 + \uparrow P5_{-34}(\downarrow P4_{+34})^1} = (1) + \uparrow tt_{-32}(\downarrow tt_{+32})$

$5688 = 2^3 \bullet 3^2 \bullet 79^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M3_{-35}(\downarrow m6_{+35})^1} = (1) + \uparrow tt_{-32}(\downarrow tt_{+32})$

$5689 = 5689^1 = \mathbf{(1) + \uparrow tt_{-31}(\downarrow tt_{+31})}$

$5690 = 2^1 \bullet 5^1 \bullet 569^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M2_{-17}(\downarrow m7_{+17})^1} = (1) + \uparrow tt_{-31}(\downarrow tt_{+31})$

$5691 = 3^1 \bullet 7^1 \bullet 271^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m2_{-1}(\downarrow M7_{+1})^1} = (1) + \uparrow tt_{-31}(\downarrow tt_{+31})$

$5692 = 2^2 \bullet 1423^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow tt_{-30}(\downarrow tt_{+30})^1} = (1) + \uparrow tt_{-30}(\downarrow tt_{+30})$

$5693 = 5693^1 = \mathbf{(1) + \uparrow tt_{-30}(\downarrow tt_{+30})}$

$5694 = 2^1 \bullet 3^1 \bullet 13^1 \bullet 73^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow M2_{+28}(\downarrow m7_{-28})^1} = (1) + \uparrow tt_{-30}(\downarrow tt_{+30})$

$5695 = 5^1 \bullet 17^1 \bullet 67^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow m2_{-21}(\downarrow M7_{+21})^1} = (1) + \uparrow tt_{-29}(\downarrow tt_{+29})$

$5696 = 2^6 \bullet 89^1 = \mathbf{(1) + \updownarrow 8ve(uni)^6 + \uparrow tt_{-29}(\downarrow tt_{+29})^1} = (1) + \uparrow tt_{-29}(\downarrow tt_{+29})$

$5697 = 3^3 \bullet 211^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow M6_{-35}(\downarrow m3_{+35})^1} = (1) + \uparrow tt_{-29}(\downarrow tt_{+29})$

$5698 = 2^1 \bullet 7^1 \bullet 11^1 \bullet 37^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m3_{-49}(\downarrow M6_{+49})^1} = (1) + \uparrow tt_{-29}(\downarrow tt_{+29})$

$5699 = 41^1 \bullet 139^1 = \mathbf{(1) + \uparrow M3_{+29}(\downarrow m6_{-29})^1 + \uparrow m2_{+43}(\downarrow M7_{-43})^1} = (1) + \uparrow tt_{-28}(\downarrow tt_{+28})$

$5700 = 2^2 \bullet 3^1 \bullet 5^2 \bullet 19^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow m3_{-2}(\downarrow M6_{+2})^1} = (1) + \uparrow tt_{-28}(\downarrow tt_{+28})$

$5701 = 5701^1 = \mathbf{(1) + \uparrow tt_{-28}(\downarrow tt_{+28})}$

$5702 = 2^1 \bullet 2851^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow tt_{-27}(\downarrow tt_{+27})^1} = (1) + \uparrow tt_{-27}(\downarrow tt_{+27})$

$5703 = 3^1 \bullet 1901^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M7_{-29}(\downarrow m2_{+29})^1} = (1) + \uparrow tt_{-27}(\downarrow tt_{+27})$

$5704 = 2^{3}\bullet 23^{1}\bullet 31^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1}} = (1) + \uparrow tt_{-27}(\downarrow tt_{+27})$

$5705 = 5^{1}\bullet 7^{1}\bullet 163^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M3_{+18}(\downarrow m6_{-18})^{1}} = (1) + \uparrow tt_{-26}(\downarrow tt_{+26})$

$5706 = 2^{1}\bullet 3^{2}\bullet 317^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M3_{-30}(\downarrow m6_{+30})^{1}} = (1) + \uparrow tt_{-26}(\downarrow tt_{+26})$

$5707 = 13^{1}\bullet 439^{1} = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow M6_{+34}(\downarrow m3_{-34})^{1}} = (1) + \uparrow tt_{-26}(\downarrow tt_{+26})$

$5708 = 2^{2}\bullet 1427^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow tt_{-25}(\downarrow tt_{+25})^{1}} = (1) + \uparrow tt_{-25}(\downarrow tt_{+25})$

$5709 = 3^{1}\bullet 11^{1}\bullet 173^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow P4_{+22}(\downarrow P5_{-22})^{1}} = (1) + \uparrow tt_{-25}(\downarrow tt_{+25})$

$5710 = 2^{1}\bullet 5^{1}\bullet 571^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M2_{-11}(\downarrow m7_{+11})^{1}} = (1) + \uparrow tt_{-25}(\downarrow tt_{+25})$

$5711 = 5711^{1} = \mathbf{(1) + \uparrow tt_{-25}(\downarrow tt_{+25})}$

$5712 = 2^{4}\bullet 3^{1}\bullet 7^{1}\bullet 17^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1}} = (1) + \uparrow tt_{-24}(\downarrow tt_{+24})$

$5713 = 29^{1}\bullet 197^{1} = \mathbf{(1) + \uparrow m7_{+30}(\downarrow M2_{-30})^{1} + \uparrow P5_{+46}(\downarrow P4_{-46})^{1}} = (1) + \uparrow tt_{-24}(\downarrow tt_{+24})$

$5714 = 2^{1}\bullet 2857^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow tt_{-24}(\downarrow tt_{+24})^{1}} = (1) + \uparrow tt_{-24}(\downarrow tt_{+24})$

$5715 = 3^{2}\bullet 5^{1}\bullet 127^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow 8ve_{-14}(\downarrow uni_{+14})^{1}} = (1) + \uparrow tt_{-23}(\downarrow tt_{+23})$

$5716 = 2^{2}\bullet 1429^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow tt_{-23}(\downarrow tt_{+23})^{1}} = (1) + \uparrow tt_{-23}(\downarrow tt_{+23})$

$5717 = 5717^{1} = \mathbf{(1) + \uparrow tt_{-23}(\downarrow tt_{+23})}$

$5718 = 2^{1}\bullet 3^{1}\bullet 953^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M7_{-24}(\downarrow m2_{+24})^{1}} = (1) + \uparrow tt_{-22}(\downarrow tt_{+22})$

$5719 = 7^{1}\bullet 19^{1}\bullet 43^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow P4_{+12}(\downarrow P5_{-12})^{1}} = (1) + \uparrow tt_{-22}(\downarrow tt_{+22})$

$5720 = 2^{3}\bullet 5^{1}\bullet 11^{1}\bullet 13^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1}} = (1) + \uparrow tt_{-22}(\downarrow tt_{+22})$

$5721 = 3^{1}\bullet 1907^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M7_{-23}(\downarrow m2_{+23})^{1}} = (1) + \uparrow tt_{-22}(\downarrow tt_{+22})$

$5722 = 2^{1}\bullet 2861^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow tt_{-21}(\downarrow tt_{+21})^{1}} = (1) + \uparrow tt_{-21}(\downarrow tt_{+21})$

$5723 = 59^{1}\bullet 97^{1} = \mathbf{(1) + \uparrow M7_{-41}(\downarrow m2_{+41})^{1} + \uparrow P5_{+20}(\downarrow P4_{-20})^{1}} = (1) + \uparrow tt_{-21}(\downarrow tt_{+21})$

$5724 = 2^{2}\bullet 3^{3}\bullet 53^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow M6_{-26}(\downarrow m3_{+26})^{1}} = (1) + \uparrow tt_{-21}(\downarrow tt_{+21})$

$5725 = 5^{2}\bullet 229^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow m7_{+7}(\downarrow M2_{-7})^{1}} = (1) + \uparrow tt_{-20}(\downarrow tt_{+20})$

$5726 = 2^{1}\bullet 7^{1}\bullet 409^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m6_{+11}(\downarrow M3_{-11})^{1}} = (1) + \uparrow tt_{-20}(\downarrow tt_{+20})$

$5727 = 3^{1}\bullet 23^{1}\bullet 83^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow P4_{-50}(\downarrow P5_{+50})^{1}} = (1) + \uparrow tt_{-20}(\downarrow tt_{+20})$

$5728 = 2^{5}\bullet 179^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{5} + \uparrow tt_{-19}(\downarrow tt_{+19})^{1}} = (1) + \uparrow tt_{-19}(\downarrow tt_{+19})$

$5729 = 17^{1}\bullet 337^{1} = \mathbf{(1) + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow P4_{-24}(\downarrow P5_{+24})^{1}} = (1) + \uparrow tt_{-19}(\downarrow tt_{+19})$

$5730 = 2^{1}\bullet 3^{1}\bullet 5^{1}\bullet 191^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow P5_{-7}(\downarrow P4_{+7})^{1}} = (1) + \uparrow tt_{-19}(\downarrow tt_{+19})$

$5731 = 11^{1}\bullet 521^{1} = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow uni_{+30}(\downarrow 8ve_{-30})^{1}} = (1) + \uparrow tt_{-19}(\downarrow tt_{+19})$

$5732 = 2^{2}\bullet 1433^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow tt_{-18}(\downarrow tt_{+18})^{1}} = (1) + \uparrow tt_{-18}(\downarrow tt_{+18})$

$5733 = 3^{2}\bullet 7^{2}\bullet 13^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{2} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1}} = (1) + \uparrow tt_{-18}(\downarrow tt_{+18})$

$5734 = 2^{1}\bullet 47^{1}\bullet 61^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{-34}(\downarrow P4_{+34})^{1} + \uparrow M7_{+17}(\downarrow m2_{-17})^{1}} = (1) + \uparrow tt_{-18}(\downarrow tt_{+18})$

$5735 = 5^{1}\bullet 31^{1}\bullet 37^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1} + \uparrow m3_{-49}(\downarrow M6_{+49})^{1}} = (1) + \uparrow tt_{-17}(\downarrow tt_{+17})$

$5736 = 2^{3}\bullet 3^{1}\bullet 239^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M7_{-19}(\downarrow m2_{+19})^{1}} = (1) + \uparrow tt_{-17}(\downarrow tt_{+17})$

$5737 = 5737^{1} = \mathbf{(1) + \uparrow tt_{-17}(\downarrow tt_{+17})}$

$5738 = 2^{1}\bullet 19^{1}\bullet 151^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow m3_{-14}(\downarrow M6_{+14})^{1}} = (1) + \uparrow tt_{-16}(\downarrow tt_{+16})$

$5739 = 3^{1}\bullet 1913^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M7_{-18}(\downarrow m2_{+18})^{1}} = (1) + \uparrow tt_{-16}(\downarrow tt_{+16})$

$5740 = 2^{2}\bullet 5^{1}\bullet 7^{1}\bullet 41^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M3_{+29}(\downarrow m6_{-29})^{1}} = (1) + \uparrow tt_{-16}(\downarrow tt_{+16})$

$5741 = 5741^{1} = \mathbf{(1) + \uparrow tt_{-15}(\downarrow tt_{+15})}$

$5742 = 2^{1}\bullet 3^{2}\bullet 11^{1}\bullet 29^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1}} = (1) + \uparrow tt_{-15}(\downarrow tt_{+15})$

$5743 = 5743^{1} = \mathbf{(1) + \uparrow tt_{-15}(\downarrow tt_{+15})}$

$5744 = 2^{4}\bullet 359^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow tt_{-15}(\downarrow tt_{+15})^{1}} = (1) + \uparrow tt_{-15}(\downarrow tt_{+15})$

$5745 = 3^{1}\bullet 5^{1}\bullet 383^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow P5_{-3}(\downarrow P4_{+3})^{1}} = (1) + \uparrow tt_{-14}(\downarrow tt_{+14})$

$5746 = 2^{1}\bullet 13^{2}\bullet 17^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{2} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1}} = (1) + \uparrow tt_{-14}(\downarrow tt_{+14})$

$5747 = 7^{1}\bullet 821^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m6_{+17}(\downarrow M3_{-17})^{1}} = (1) + \uparrow tt_{-14}(\downarrow tt_{+14})$

$5748 = 2^{2}\bullet 3^{1}\bullet 479^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M7_{-15}(\downarrow m2_{+15})^{1}} = (1) + \uparrow tt_{-13}(\downarrow tt_{+13})$

$5749 = 5749^{1} = \mathbf{(1) + \uparrow tt_{-13}(\downarrow tt_{+13})}$

$5750 = 2^{1}\bullet 5^{3}\bullet 23^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{3} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1}} = (1) + \uparrow tt_{-13}(\downarrow tt_{+13})$

$5751 = 3^{4}\bullet 71^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{4} + \uparrow M2_{-20}(\downarrow m7_{+20})^{1}} = (1) + \uparrow tt_{-12}(\downarrow tt_{+12})$

$5752 = 2^{3}\bullet 719^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow tt_{-12}(\downarrow tt_{+12})^{1}} = (1) + \uparrow tt_{-12}(\downarrow tt_{+12})$

$5753 = 11^{1}\bullet 523^{1} = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow uni_{+37}(\downarrow 8ve_{-37})^{1}} = (1) + \uparrow tt_{-12}(\downarrow tt_{+12})$

$5754 = 2^{1}\bullet 3^{1}\bullet 7^{1}\bullet 137^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m2_{+18}(\downarrow M7_{-18})^{1}} = (1) + \uparrow tt_{-12}(\downarrow tt_{+12})$

$5755 = 5^{1}\bullet 1151^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M2_{+2}(\downarrow m7_{-2})^{1}} = (1) + \uparrow tt_{-11}(\downarrow tt_{+11})$

$5756 = 2^{2}\bullet 1439^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow tt_{-11}(\downarrow tt_{+11})^{1}} = (1) + \uparrow tt_{-11}(\downarrow tt_{+11})$

$5757 = 3^{1}\bullet 19^{1}\bullet 101^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow m6_{-10}(\downarrow M3_{+10})^{1}} = (1) + \uparrow tt_{-11}(\downarrow tt_{+11})$

$5758 = 2^{1}\bullet 2879^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow tt_{-10}(\downarrow tt_{+10})^{1}} = (1) + \uparrow tt_{-10}(\downarrow tt_{+10})$

$5759 = 13^{1}\bullet 443^{1} = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow M6_{+49}(\downarrow m3_{-49})^{1}} = (1) + \uparrow tt_{-10}(\downarrow tt_{+10})$

$5760 = 2^{7}\bullet 3^{2}\bullet 5^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{7} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1}} = (1) + \uparrow tt_{-10}(\downarrow tt_{+10})$

$5761 = 7^{1}\bullet 823^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m6_{+22}(\downarrow M3_{-22})^{1}} = (1) + \uparrow tt_{-9}(\downarrow tt_{+9})$

$5762 = 2^{1}\bullet 43^{1}\bullet 67^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P4_{+12}(\downarrow P5_{-12})^{1} + \uparrow m2_{-21}(\downarrow M7_{+21})^{1}} = (1) + \uparrow tt_{-9}(\downarrow tt_{+9})$

$5763 = 3^{1}\bullet 17^{1}\bullet 113^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow m7_{-16}(\downarrow M2_{+16})^{1}} = (1) + \uparrow tt_{-9}(\downarrow tt_{+9})$

$5764 = 2^{2}\bullet 11^{1}\bullet 131^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow uni_{+40}(\downarrow 8ve_{-40})^{1}} = (1) + \uparrow tt_{-9}(\downarrow tt_{+9})$

$5765 = 5^{1}\bullet 1153^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M2_{+5}(\downarrow m7_{-5})^{1}} = (1) + \uparrow tt_{-8}(\downarrow tt_{+8})$

$5766 = 2^{1}\bullet 3^{1}\bullet 31^{2} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{2}} = (1) + \uparrow tt_{-8}(\downarrow tt_{+8})$

$5767 = 73^{1}\bullet 79^{1} = \mathbf{(1) + \uparrow M2_{+28}(\downarrow m7_{-28})^{1} + \uparrow M3_{-35}(\downarrow m6_{+35})^{1}} = (1) + \uparrow tt_{-8}(\downarrow tt_{+8})$

$5768 = 2^{3}\bullet 7^{1}\bullet 103^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m6_{+24}(\downarrow M3_{-24})^{1}} = (1) + \uparrow tt_{-7}(\downarrow tt_{+7})$

$5769 = 3^{2}\bullet 641^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M3_{-11}(\downarrow m6_{+11})^{1}} = (1) + \uparrow tt_{-7}(\downarrow tt_{+7})$

$5770 = 2^{1}\bullet 5^{1}\bullet 577^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M2_{+7}(\downarrow m7_{-7})^{1}} = (1) + \uparrow tt_{-7}(\downarrow tt_{+7})$

$5771 = 29^{1}\bullet 199^{1} = \mathbf{(1) + \uparrow m7_{+30}(\downarrow M2_{-30})^{1} + \uparrow m6_{-36}(\downarrow M3_{+36})^{1}} = (1) + \uparrow tt_{-6}(\downarrow tt_{+6})$

$5772 = 2^{2}\bullet 3^{1}\bullet 13^{1}\bullet 37^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m3_{-49}(\downarrow M6_{+49})^{1}} = (1) + \uparrow tt_{-6}(\downarrow tt_{+6})$

$5773 = 23^{1}\bullet 251^{1} = \mathbf{(1) + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow 8ve_{-34}(\downarrow uni_{+34})^{1}} = (1) + \uparrow tt_{-6}(\downarrow tt_{+6})$

$5774 = 2^{1}\bullet 2887^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow tt_{-6}(\downarrow tt_{+6})^{1}} = (1) + \uparrow tt_{-6}(\downarrow tt_{+6})$

$5775 = 3^{1}\bullet 5^{2}\bullet 7^{1}\bullet 11^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1}} = (1) + \uparrow tt_{-5}(\downarrow tt_{+5})$

$5776 = 2^{4}\bullet 19^{2} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow m3_{-2}(\downarrow M6_{+2})^{2}} = (1) + \uparrow tt_{-5}(\downarrow tt_{+5})$

$5777 = 53^{1}\bullet 109^{1} = \mathbf{(1) + \uparrow M6_{-26}(\downarrow m3_{+26})^{1} + \uparrow M6_{+22}(\downarrow m3_{-22})^{1}} = (1) + \uparrow tt_{-5}(\downarrow tt_{+5})$

$5778 = 2^{1}\bullet 3^{3}\bullet 107^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow M6_{-10}(\downarrow m3_{+10})^{1}} = (1) + \uparrow tt_{-4}(\downarrow tt_{+4})$

$5779 = 5779^{1} = \mathbf{(1) + \uparrow tt_{-4}(\downarrow tt_{+4})}$

$5780 = 2^{2}\bullet 5^{1}\bullet 17^{2} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{2}} = (1) + \uparrow tt_{-4}(\downarrow tt_{+4})$

$5781 = 3^{1}\bullet 41^{1}\bullet 47^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{+29}(\downarrow m6_{-29})^{1} + \uparrow P5_{-34}(\downarrow P4_{+34})^{1}} = (1) + \uparrow tt_{-3}(\downarrow tt_{+3})$

$5782 = 2^{1}\bullet 7^{2}\bullet 59^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{2} + \uparrow M7_{-41}(\downarrow m2_{+41})^{1}} = (1) + \uparrow tt_{-3}(\downarrow tt_{+3})$

$5783 = 5783^{1} = \mathbf{(1) + \uparrow tt_{-3}(\downarrow tt_{+3})}$

$5784 = 2^{3}\bullet 3^{1}\bullet 241^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M7_{-5}(\downarrow m2_{+5})^{1}} = (1) + \uparrow tt_{-3}(\downarrow tt_{+3})$

$5785 = 5^{1}\bullet 13^{1}\bullet 89^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow tt_{-29}(\downarrow tt_{+29})^{1}} = (1) + \uparrow tt_{-2}(\downarrow tt_{+2})$

$5786 = 2^{1}\bullet 11^{1}\bullet 263^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow uni_{+47}(\downarrow 8ve_{-47})^{1}} = (1) + \uparrow tt_{-2}(\downarrow tt_{+2})$

$5787 = 3^{2}\bullet 643^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M3_{-6}(\downarrow m6_{+6})^{1}} = (1) + \uparrow tt_{-2}(\downarrow tt_{+2})$

$5788 = 2^{2}\bullet 1447^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow tt_{-1}(\downarrow tt_{+1})^{1}} = (1) + \uparrow tt_{-1}(\downarrow tt_{+1})$

$5789 = 7^{1}\bullet 827^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m6_{+30}(\downarrow M3_{-30})^{1}} = (1) + \uparrow tt_{-1}(\downarrow tt_{+1})$

$5790 = 2^{1}\bullet 3^{1}\bullet 5^{1}\bullet 193^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow P5_{+11}(\downarrow P4_{-11})^{1}} = (1) + \uparrow tt_{-1}(\downarrow tt_{+1})$

$5791 = 5791^{1} = \mathbf{(1) + \uparrow tt_{+0}(\downarrow tt_{-0})}$

$5792 = 2^{5}\bullet 181^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{5} + \uparrow tt_{+0}(\downarrow tt_{-0})^{1}} = (1) + \uparrow tt_{+0}(\downarrow tt_{-0})$

$5793 = 3^{1}\bullet 1931^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M7_{-2}(\downarrow m2_{+2})^{1}} = (1) + \uparrow tt_{+0}(\downarrow tt_{-0})$

$5794 = 2^{1}\bullet 2897^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow tt_{+0}(\downarrow tt_{-0})^{1}} = (1) + \uparrow tt_{+0}(\downarrow tt_{-0})$

$5795 = 5^{1}\bullet 19^{1}\bullet 61^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow M7_{+17}(\downarrow m2_{-17})^{1}} = (1) + \uparrow tt_{+1}(\downarrow tt_{-1})$

$5796 = 2^{2}\bullet 3^{2}\bullet 7^{1}\bullet 23^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1}} = (1) + \uparrow tt_{+1}(\downarrow tt_{-1})$

$5797 = 11^{1}\bullet 17^{1}\bullet 31^{1} = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1}} = (1) + \uparrow tt_{+1}(\downarrow tt_{-1})$

$5798 = 2^{1}\bullet 13^{1}\bullet 223^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m7_{-39}(\downarrow M2_{+39})^{1}} = (1) + \uparrow tt_{+2}(\downarrow tt_{-2})$

$5799 = 3^{1}\bullet 1933^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M7_{+0}(\downarrow m2_{-0})^{1}} = (1) + \uparrow tt_{+2}(\downarrow tt_{-2})$

$5800 = 2^{3}\bullet 5^{2}\bullet 29^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1}} = (1) + \uparrow tt_{+2}(\downarrow tt_{-2})$

$5801 = 5801^{1} = \mathbf{(1) + \uparrow tt_{+3}(\downarrow tt_{-3})}$

$5802 = 2^{1}\bullet 3^{1}\bullet 967^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M7_{+1}(\downarrow m2_{-1})^{1}} = (1) + \uparrow tt_{+3}(\downarrow tt_{-3})$

$5803 = 7^{1}\bullet 829^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m6_{+34}(\downarrow M3_{-34})^{1}} = (1) + \uparrow tt_{+3}(\downarrow tt_{-3})$

$5804 = 2^{2}\bullet 1451^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow tt_{+3}(\downarrow tt_{-3})^{1}} = (1) + \uparrow tt_{+3}(\downarrow tt_{-3})$

$5805 = 3^{3}\bullet 5^{1}\bullet 43^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow P4_{+12}(\downarrow P5_{-12})^{1}} = (1) + \uparrow tt_{+4}(\downarrow tt_{-4})$

$5806 = 2^{1}\bullet 2903^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow tt_{+4}(\downarrow tt_{-4})^{1}} = (1) + \uparrow tt_{+4}(\downarrow tt_{-4})$

$5807 = 5807^{1} = \mathbf{(1) + \uparrow tt_{+4}(\downarrow tt_{-4})}$

$5808 = 2^{4}\bullet 3^{1}\bullet 11^{2} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{2}} = (1) + \uparrow tt_{+5}(\downarrow tt_{-5})$

$5809 = 37^{1}\bullet 157^{1} = \mathbf{(1) + \uparrow m3_{-49}(\downarrow M6_{+49})^{1} + \uparrow M3_{-46}(\downarrow m6_{+46})^{1}} = (1) + \uparrow tt_{+5}(\downarrow tt_{-5})$

$5810 = 2^{1}\bullet 5^{1}\bullet 7^{1}\bullet 83^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow P4_{-50}(\downarrow P5_{+50})^{1}} = (1) + \uparrow tt_{+5}(\downarrow tt_{-5})$

$5811 = 3^{1}\bullet 13^{1}\bullet 149^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m3_{-37}(\downarrow M6_{+37})^{1}} = (1) + \uparrow tt_{+5}(\downarrow tt_{-5})$

$5812 = 2^{2}\bullet 1453^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow tt_{+6}(\downarrow tt_{-6})^{1}} = (1) + \uparrow tt_{+6}(\downarrow tt_{-6})$

$5813 = 5813^{1} = \mathbf{(1) + \uparrow tt_{+6}(\downarrow tt_{-6})}$

$5814 = 2^{1}\bullet 3^{2}\bullet 17^{1}\bullet 19^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1}} = (1) + \uparrow tt_{+6}(\downarrow tt_{-6})$

$5815 = 5^{1}\bullet 1163^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M2_{+20}(\downarrow m7_{-20})^{1}} = (1) + \uparrow tt_{+7}(\downarrow tt_{-7})$

$5816 = 2^{3}\bullet 727^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow tt_{+7}(\downarrow tt_{-7})^{1}} = (1) + \uparrow tt_{+7}(\downarrow tt_{-7})$

$5817 = 3^{1}\bullet 7^{1}\bullet 277^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m2_{+36}(\downarrow M7_{-36})^{1}} = (1) + \uparrow tt_{+7}(\downarrow tt_{-7})$

$5818 = 2^{1}\bullet 2909^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow tt_{+8}(\downarrow tt_{-8})^{1}} = (1) + \uparrow tt_{+8}(\downarrow tt_{-8})$

$5819 = 11^{1}\bullet 23^{2} = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{2}} = (1) + \uparrow tt_{+8}(\downarrow tt_{-8})$

$5820 = 2^{2}\bullet 3^{1}\bullet 5^{1}\bullet 97^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow P5_{+20}(\downarrow P4_{-20})^{1}} = (1) + \uparrow tt_{+8}(\downarrow tt_{-8})$

$5821 = 5821^{1} = \mathbf{(1) + \uparrow tt_{+8}(\downarrow tt_{-8})}$

$5822 = 2^{1}\bullet 41^{1}\bullet 71^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{+29}(\downarrow m6_{-29})^{1} + \uparrow M2_{-20}(\downarrow m7_{+20})^{1}} = (1) + \uparrow tt_{+9}(\downarrow tt_{-9})$

$5823 = 3^{2}\bullet 647^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M3_{+5}(\downarrow m6_{-5})^{1}} = (1) + \uparrow tt_{+9}(\downarrow tt_{-9})$

$5824 = 2^{6}\bullet 7^{1}\bullet 13^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{6} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1}} = (1) + \uparrow tt_{+9}(\downarrow tt_{-9})$

$5825 = 5^{2}\bullet 233^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow m7_{+37}(\downarrow M2_{-37})^{1}} = (1) + \uparrow tt_{+10}(\downarrow tt_{-10})$

$5826 = 2^{1}\bullet 3^{1}\bullet 971^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M7_{+8}(\downarrow m2_{-8})^{1}} = (1) + \uparrow tt_{+10}(\downarrow tt_{-10})$

$5827 = 5827^{1} = \mathbf{(1) + \uparrow tt_{+10}(\downarrow tt_{-10})}$

$5828 = 2^{2}\bullet 31^{1}\bullet 47^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1} + \uparrow P5_{-34}(\downarrow P4_{+34})^{1}} = (1) + \uparrow tt_{+11}(\downarrow tt_{-11})$

$5829 = 3^{1}\bullet 29^{1}\bullet 67^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1} + \uparrow m2_{-21}(\downarrow M7_{+21})^{1}} = (1) + \uparrow tt_{+11}(\downarrow tt_{-11})$

$5830 = 2^{1}\bullet5^{1}\bullet11^{1}\bullet53^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow M6_{-26}(\downarrow m3_{+26})^{1}} = (1) + \uparrow tt_{+11}(\downarrow tt_{-11})$

$5831 = 7^{3}\bullet17^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{3} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1}} = (1) + \uparrow tt_{+11}(\downarrow tt_{-11})$

$5832 = 2^{3}\bullet3^{6} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{+2}(\downarrow P4_{-2})^{6}} = (1) + \uparrow tt_{+12}(\downarrow tt_{-12})$

$5833 = 19^{1}\bullet307^{1} = \mathbf{(1) + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow m3_{+15}(\downarrow M6_{-15})^{1}} = (1) + \uparrow tt_{+12}(\downarrow tt_{-12})$

$5834 = 2^{1}\bullet2917^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow tt_{+12}(\downarrow tt_{-12})^{1}} = (1) + \uparrow tt_{+12}(\downarrow tt_{-12})$

$5835 = 3^{1}\bullet5^{1}\bullet389^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow P5_{+24}(\downarrow P4_{-24})^{1}} = (1) + \uparrow tt_{+13}(\downarrow tt_{-13})$

$5836 = 2^{2}\bullet1459^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow tt_{+13}(\downarrow tt_{-13})^{1}} = (1) + \uparrow tt_{+13}(\downarrow tt_{-13})$

$5837 = 13^{1}\bullet449^{1} = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m7_{-27}(\downarrow M2_{+27})^{1}} = (1) + \uparrow tt_{+13}(\downarrow tt_{-13})$

$5838 = 2^{1}\bullet3^{1}\bullet7^{1}\bullet139^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m2_{+43}(\downarrow M7_{-43})^{1}} = (1) + \uparrow tt_{+14}(\downarrow tt_{-14})$

$5839 = 5839^{1} = \mathbf{(1) + \uparrow tt_{+14}(\downarrow tt_{-14})}$

$5840 = 2^{4}\bullet5^{1}\bullet73^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M2_{+28}(\downarrow m7_{-28})^{1}} = (1) + \uparrow tt_{+14}(\downarrow tt_{-14})$

$5841 = 3^{2}\bullet11^{1}\bullet59^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow M7_{-41}(\downarrow m2_{+41})^{1}} = (1) + \uparrow tt_{+14}(\downarrow tt_{-14})$

$5842 = 2^{1}\bullet23^{1}\bullet127^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow 8ve_{-14}(\downarrow uni_{+14})^{1}} = (1) + \uparrow tt_{+15}(\downarrow tt_{-15})$

$5843 = 5843^{1} = \mathbf{(1) + \uparrow tt_{+15}(\downarrow tt_{-15})}$

$5844 = 2^{2}\bullet3^{1}\bullet487^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M7_{+13}(\downarrow m2_{-13})^{1}} = (1) + \uparrow tt_{+15}(\downarrow tt_{-15})$

$5845 = 5^{1}\bullet7^{1}\bullet167^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow P4_{-40}(\downarrow P5_{+40})^{1}} = (1) + \uparrow tt_{+16}(\downarrow tt_{-16})$

$5846 = 2^{1}\bullet37^{1}\bullet79^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m3_{-49}(\downarrow M6_{+49})^{1} + \uparrow M3_{-35}(\downarrow m6_{+35})^{1}} = (1) + \uparrow tt_{+16}(\downarrow tt_{-16})$

$5847 = 3^{1}\bullet1949^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M7_{+14}(\downarrow m2_{-14})^{1}} = (1) + \uparrow tt_{+16}(\downarrow tt_{-16})$

$5848 = 2^{3}\bullet17^{1}\bullet43^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow P4_{+12}(\downarrow P5_{-12})^{1}} = (1) + \uparrow tt_{+16}(\downarrow tt_{-16})$

$5849 = 5849^{1} = \mathbf{(1) + \uparrow tt_{+17}(\downarrow tt_{-17})}$

$5850 = 2^{1}\bullet3^{2}\bullet5^{2}\bullet13^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1}} = (1) + \uparrow tt_{+17}(\downarrow tt_{-17})$

$5851 = 5851^{1} = \mathbf{(1) + \uparrow tt_{+17}(\downarrow tt_{-17})}$

$5852 = 2^{2}\bullet7^{1}\bullet11^{1}\bullet19^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1}} = (1) + \uparrow tt_{+18}(\downarrow tt_{-18})$

$5853 = 3^{1}\bullet1951^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M7_{+16}(\downarrow m2_{-16})^{1}} = (1) + \uparrow tt_{+18}(\downarrow tt_{-18})$

$5854 = 2^{1}\bullet2927^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow tt_{+18}(\downarrow tt_{-18})^{1}} = (1) + \uparrow tt_{+18}(\downarrow tt_{-18})$

$5855 = 5^{1}\bullet1171^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M2_{+32}(\downarrow m7_{-32})^{1}} = (1) + \uparrow tt_{+19}(\downarrow tt_{-19})$

$5856 = 2^{5}\bullet3^{1}\bullet61^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{5} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M7_{+17}(\downarrow m2_{-17})^{1}} = (1) + \uparrow tt_{+19}(\downarrow tt_{-19})$

$5857 = 5857^{1} = \mathbf{(1) + \uparrow tt_{+19}(\downarrow tt_{-19})}$

$5858 = 2^{1}\bullet29^{1}\bullet101^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1} + \uparrow m6_{-10}(\downarrow M3_{+10})^{1}} = (1) + \uparrow tt_{+19}(\downarrow tt_{-19})$

$5859 = 3^{3}\bullet7^{1}\bullet31^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1}} = (1) + \uparrow tt_{+20}(\downarrow tt_{-20})$

$5860 = 2^{2}\bullet5^{1}\bullet293^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M2_{+34}(\downarrow m7_{-34})^{1}} = (1) + \uparrow tt_{+20}(\downarrow tt_{-20})$

$5861 = 5861^{1} = \mathbf{(1) + \uparrow tt_{+20}(\downarrow tt_{-20})}$

$5862 = 2^{1}\bullet3^{1}\bullet977^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M7_{+19}(\downarrow m2_{-19})^{1}} = (1) + \uparrow tt_{+21}(\downarrow tt_{-21})$

$5863 = 11^{1}\bullet13^{1}\bullet41^{1} = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow M3_{+29}(\downarrow m6_{-29})^{1}} = (1) + \uparrow tt_{+21}(\downarrow tt_{-21})$

$5864 = 2^{3}\bullet733^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow tt_{+21}(\downarrow tt_{-21})^{1}} = (1) + \uparrow tt_{+21}(\downarrow tt_{-21})$

$5865 = 3^{1}\bullet5^{1}\bullet17^{1}\bullet23^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1}} = (1) + \uparrow tt_{+21}(\downarrow tt_{-21})$

$5866 = 2^{1}\bullet7^{1}\bullet419^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M6_{-47}(\downarrow m3_{+47})^{1}} = (1) + \uparrow tt_{+22}(\downarrow tt_{-22})$

$5867 = 5867^{1} = \mathbf{(1) + \uparrow tt_{+22}(\downarrow tt_{-22})}$

$5868 = 2^{2}\bullet3^{2}\bullet163^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M3_{+18}(\downarrow m6_{-18})^{1}} = (1) + \uparrow tt_{+22}(\downarrow tt_{-22})$

$5869 = 5869^{1} = \mathbf{(1) + \uparrow tt_{+23}(\downarrow tt_{-23})}$

$5870 = 2^{1}\bullet5^{1}\bullet587^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M2_{+37}(\downarrow m7_{-37})^{1}} = (1) + \uparrow tt_{+23}(\downarrow tt_{-23})$

$5871 = 3^{1}\bullet19^{1}\bullet103^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow m6_{+24}(\downarrow M3_{-24})^{1}} = (1) + \uparrow tt_{+23}(\downarrow tt_{-23})$

$5872 = 2^{4}\bullet 367^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow tt_{+24}(\downarrow tt_{-24})^{1}} = (1) + \uparrow tt_{+24}(\downarrow tt_{-24})$

$5873 = 7^{1}\bullet 839^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M6_{-45}(\downarrow m3_{+45})^{1}} = (1) + \uparrow tt_{+24}(\downarrow tt_{-24})$

$5874 = 2^{1}\bullet 3^{1}\bullet 11^{1}\bullet 89^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow tt_{-29}(\downarrow tt_{+29})^{1}} = (1) + \uparrow tt_{+24}(\downarrow tt_{-24})$

$5875 = 5^{3}\bullet 47^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{3} + \uparrow P5_{-34}(\downarrow P4_{+34})^{1}} = (1) + \uparrow tt_{+24}(\downarrow tt_{-24})$

$5876 = 2^{2}\bullet 13^{1}\bullet 113^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m7_{-16}(\downarrow M2_{+16})^{1}} = (1) + \uparrow tt_{+25}(\downarrow tt_{-25})$

$5877 = 3^{2}\bullet 653^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M3_{+21}(\downarrow m6_{-21})^{1}} = (1) + \uparrow tt_{+25}(\downarrow tt_{-25})$

$5878 = 2^{1}\bullet 2939^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow tt_{+25}(\downarrow tt_{-25})^{1}} = (1) + \uparrow tt_{+25}(\downarrow tt_{-25})$

$5879 = 5879^{1} = \mathbf{(1) + \uparrow tt_{+26}(\downarrow tt_{-26})}$

$5880 = 2^{3}\bullet 3^{1}\bullet 5^{1}\bullet 7^{2} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{2}} = (1) + \uparrow tt_{+26}(\downarrow tt_{-26})$

$5881 = 5881^{1} = \mathbf{(1) + \uparrow tt_{+26}(\downarrow tt_{-26})}$

$5882 = 2^{1}\bullet 17^{1}\bullet 173^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow P4_{+22}(\downarrow P5_{-22})^{1}} = (1) + \uparrow tt_{+27}(\downarrow tt_{-27})$

$5883 = 3^{1}\bullet 37^{1}\bullet 53^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m3_{-49}(\downarrow M6_{+49})^{1} + \uparrow M6_{-26}(\downarrow m3_{+26})^{1}} = (1) + \uparrow tt_{+27}(\downarrow tt_{-27})$

$5884 = 2^{2}\bullet 1471^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow tt_{+27}(\downarrow tt_{-27})^{1}} = (1) + \uparrow tt_{+27}(\downarrow tt_{-27})$

$5885 = 5^{1}\bullet 11^{1}\bullet 107^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow M6_{-10}(\downarrow m3_{+10})^{1}} = (1) + \uparrow tt_{+27}(\downarrow tt_{-27})$

$5886 = 2^{1}\bullet 3^{3}\bullet 109^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow M6_{+22}(\downarrow m3_{-22})^{1}} = (1) + \uparrow tt_{+28}(\downarrow tt_{-28})$

$5887 = 7^{1}\bullet 29^{2} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m7_{+30}(\downarrow M2_{-30})^{2}} = (1) + \uparrow tt_{+28}(\downarrow tt_{-28})$

$5888 = 2^{8}\bullet 23^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{8} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1}} = (1) + \uparrow tt_{+28}(\downarrow tt_{-28})$

$5889 = 3^{1}\bullet 13^{1}\bullet 151^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m3_{-14}(\downarrow M6_{+14})^{1}} = (1) + \uparrow tt_{+29}(\downarrow tt_{-29})$

$5890 = 2^{1}\bullet 5^{1}\bullet 19^{1}\bullet 31^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1}} = (1) + \uparrow tt_{+29}(\downarrow tt_{-29})$

$5891 = 43^{1}\bullet 137^{1} = \mathbf{(1) + \uparrow P4_{+12}(\downarrow P5_{-12})^{1} + \uparrow m2_{+18}(\downarrow M7_{-18})^{1}} = (1) + \uparrow tt_{+29}(\downarrow tt_{-29})$

$5892 = 2^{2}\bullet 3^{1}\bullet 491^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M7_{+27}(\downarrow m2_{-27})^{1}} = (1) + \uparrow tt_{+29}(\downarrow tt_{-29})$

$5893 = 71^{1}\bullet 83^{1} = \mathbf{(1) + \uparrow M2_{-20}(\downarrow m7_{+20})^{1} + \uparrow P4_{-50}(\downarrow P5_{+50})^{1}} = (1) + \uparrow tt_{+30}(\downarrow tt_{-30})$

$5894 = 2^{1}\bullet 7^{1}\bullet 421^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M6_{-39}(\downarrow m3_{+39})^{1}} = (1) + \uparrow tt_{+30}(\downarrow tt_{-30})$

$5895 = 3^{2}\bullet 5^{1}\bullet 131^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow uni_{+40}(\downarrow 8ve_{-40})^{1}} = (1) + \uparrow tt_{+30}(\downarrow tt_{-30})$

$5896 = 2^{3}\bullet 11^{1}\bullet 67^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m2_{-21}(\downarrow M7_{+21})^{1}} = (1) + \uparrow tt_{+31}(\downarrow tt_{-31})$

$5897 = 5897^{1} = \mathbf{(1) + \uparrow tt_{+31}(\downarrow tt_{-31})}$

$5898 = 2^{1}\bullet 3^{1}\bullet 983^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M7_{+29}(\downarrow m2_{-29})^{1}} = (1) + \uparrow tt_{+31}(\downarrow tt_{-31})$

$5899 = 17^{1}\bullet 347^{1} = \mathbf{(1) + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow P4_{+27}(\downarrow P5_{-27})^{1}} = (1) + \uparrow tt_{+32}(\downarrow tt_{-32})$

$5900 = 2^{2}\bullet 5^{2}\bullet 59^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow M7_{-41}(\downarrow m2_{+41})^{1}} = (1) + \uparrow tt_{+32}(\downarrow tt_{-32})$

$5901 = 3^{1}\bullet 7^{1}\bullet 281^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M2_{-39}(\downarrow m7_{+39})^{1}} = (1) + \uparrow tt_{+32}(\downarrow tt_{-32})$

$5902 = 2^{1}\bullet 13^{1}\bullet 227^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m7_{-8}(\downarrow M2_{+8})^{1}} = (1) + \uparrow tt_{+32}(\downarrow tt_{-32})$

$5903 = 5903^{1} = \mathbf{(1) + \uparrow tt_{+33}(\downarrow tt_{-33})}$

$5904 = 2^{4}\bullet 3^{2}\bullet 41^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M3_{+29}(\downarrow m6_{-29})^{1}} = (1) + \uparrow tt_{+33}(\downarrow tt_{-33})$

$5905 = 5^{1}\bullet 1181^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M2_{+47}(\downarrow m7_{-47})^{1}} = (1) + \uparrow tt_{+33}(\downarrow tt_{-33})$

$5906 = 2^{1}\bullet 2953^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow tt_{+34}(\downarrow tt_{-34})^{1}} = (1) + \uparrow tt_{+34}(\downarrow tt_{-34})$

$5907 = 3^{1}\bullet 11^{1}\bullet 179^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow tt_{-19}(\downarrow tt_{+19})^{1}} = (1) + \uparrow tt_{+34}(\downarrow tt_{-34})$

$5908 = 2^{2}\bullet 7^{1}\bullet 211^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M6_{-35}(\downarrow m3_{+35})^{1}} = (1) + \uparrow tt_{+34}(\downarrow tt_{-34})$

$5909 = 19^{1}\bullet 311^{1} = \mathbf{(1) + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow m3_{+37}(\downarrow M6_{-37})^{1}} = (1) + \uparrow tt_{+34}(\downarrow tt_{-34})$

$5910 = 2^{1}\bullet 3^{1}\bullet 5^{1}\bullet 197^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow P5_{+46}(\downarrow P4_{-46})^{1}} = (1) + \uparrow tt_{+35}(\downarrow tt_{-35})$

$5911 = 23^{1}\bullet 257^{1} = \mathbf{(1) + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow uni_{+7}(\downarrow 8ve_{-7})^{1}} = (1) + \uparrow tt_{+35}(\downarrow tt_{-35})$

$5912 = 2^{3}\bullet 739^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow tt_{+35}(\downarrow tt_{-35})^{1}} = (1) + \uparrow tt_{+35}(\downarrow tt_{-35})$

$5913 = 3^{4}\bullet 73^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{4} + \uparrow M2_{+28}(\downarrow m7_{-28})^{1}} = (1) + \uparrow tt_{+36}(\downarrow tt_{-36})$

$5914 = 2^{1}\bullet 2957^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow tt_{+36}(\downarrow tt_{-36})^{1}} = (1) + \uparrow tt_{+36}(\downarrow tt_{-36})$

$5915 = 5^{1}\bullet 7^{1}\bullet 13^{2} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{2}} = (1) + \uparrow tt_{+36}(\downarrow tt_{-36})$

$5916 = 2^{2}\bullet 3^{1}\bullet 17^{1}\bullet 29^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1}} = (1) + \uparrow tt_{+36}(\downarrow tt_{-36})$

$5917 = 61^{1}\bullet 97^{1} = \mathbf{(1) + \uparrow M7_{+17}(\downarrow m2_{-17})^{1} + \uparrow P5_{+20}(\downarrow P4_{-20})^{1}} = (1) + \uparrow tt_{+37}(\downarrow tt_{-37})$

$5918 = 2^{1}\bullet 11^{1}\bullet 269^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m2_{-14}(\downarrow M7_{+14})^{1}} = (1) + \uparrow tt_{+37}(\downarrow tt_{-37})$

$5919 = 3^{1}\bullet 1973^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M7_{+35}(\downarrow m2_{-35})^{1}} = (1) + \uparrow tt_{+37}(\downarrow tt_{-37})$

$5920 = 2^{5}\bullet 5^{1}\bullet 37^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{5} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m3_{-49}(\downarrow M6_{+49})^{1}} = (1) + \uparrow tt_{+38}(\downarrow tt_{-38})$

$5921 = 31^{1}\bullet 191^{1} = \mathbf{(1) + \uparrow M7_{+45}(\downarrow m2_{-45})^{1} + \uparrow P5_{-7}(\downarrow P4_{+7})^{1}} = (1) + \uparrow tt_{+38}(\downarrow tt_{-38})$

$5922 = 2^{1}\bullet 3^{2}\bullet 7^{1}\bullet 47^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow P5_{-34}(\downarrow P4_{+34})^{1}} = (1) + \uparrow tt_{+38}(\downarrow tt_{-38})$

$5923 = 5923^{1} = \mathbf{(1) + \uparrow tt_{+39}(\downarrow tt_{-39})}$

$5924 = 2^{2}\bullet 1481^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow tt_{+39}(\downarrow tt_{-39})^{1}} = (1) + \uparrow tt_{+39}(\downarrow tt_{-39})$

$5925 = 3^{1}\bullet 5^{2}\bullet 79^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow M3_{-35}(\downarrow m6_{+35})^{1}} = (1) + \uparrow tt_{+39}(\downarrow tt_{-39})$

$5926 = 2^{1}\bullet 2963^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow tt_{+39}(\downarrow tt_{-39})^{1}} = (1) + \uparrow tt_{+39}(\downarrow tt_{-39})$

$5927 = 5927^{1} = \mathbf{(1) + \uparrow tt_{+40}(\downarrow tt_{-40})}$

$5928 = 2^{3}\bullet 3^{1}\bullet 13^{1}\bullet 19^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1}} = (1) + \uparrow tt_{+40}(\downarrow tt_{-40})$

$5929 = 7^{2}\bullet 11^{2} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{2} + \uparrow tt_{-49}(\downarrow tt_{+49})^{2}} = (1) + \uparrow tt_{+40}(\downarrow tt_{-40})$

$5930 = 2^{1}\bullet 5^{1}\bullet 593^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m3_{-46}(\downarrow M6_{+46})^{1}} = (1) + \uparrow tt_{+41}(\downarrow tt_{-41})$

$5931 = 3^{2}\bullet 659^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M3_{+37}(\downarrow m6_{-37})^{1}} = (1) + \uparrow tt_{+41}(\downarrow tt_{-41})$

$5932 = 2^{2}\bullet 1483^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow tt_{+41}(\downarrow tt_{-41})^{1}} = (1) + \uparrow tt_{+41}(\downarrow tt_{-41})$

$5933 = 17^{1}\bullet 349^{1} = \mathbf{(1) + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow P4_{+36}(\downarrow P5_{-36})^{1}} = (1) + \uparrow tt_{+41}(\downarrow tt_{-41})$

$5934 = 2^{1}\bullet 3^{1}\bullet 23^{1}\bullet 43^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow P4_{+12}(\downarrow P5_{-12})^{1}} = (1) + \uparrow tt_{+42}(\downarrow tt_{-42})$

$5935 = 5^{1}\bullet 1187^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m3_{-44}(\downarrow M6_{+44})^{1}} = (1) + \uparrow tt_{+42}(\downarrow tt_{-42})$

$5936 = 2^{4}\bullet 7^{1}\bullet 53^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M6_{-26}(\downarrow m3_{+26})^{1}} = (1) + \uparrow tt_{+42}(\downarrow tt_{-42})$

$5937 = 3^{1}\bullet 1979^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M7_{+41}(\downarrow m2_{-41})^{1}} = (1) + \uparrow tt_{+43}(\downarrow tt_{-43})$

$5938 = 2^{1}\bullet 2969^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow tt_{+43}(\downarrow tt_{-43})^{1}} = (1) + \uparrow tt_{+43}(\downarrow tt_{-43})$

$5939 = 5939^{1} = \mathbf{(1) + \uparrow tt_{+43}(\downarrow tt_{-43})}$

$5940 = 2^{2}\bullet 3^{3}\bullet 5^{1}\bullet 11^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1}} = (1) + \uparrow tt_{+43}(\downarrow tt_{-43})$

$5941 = 13^{1}\bullet 457^{1} = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m7_{+3}(\downarrow M2_{-3})^{1}} = (1) + \uparrow tt_{+44}(\downarrow tt_{-44})$

$5942 = 2^{1}\bullet 2971^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow tt_{+44}(\downarrow tt_{-44})^{1}} = (1) + \uparrow tt_{+44}(\downarrow tt_{-44})$

$5943 = 3^{1}\bullet 7^{1}\bullet 283^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M2_{-26}(\downarrow m7_{+26})^{1}} = (1) + \uparrow tt_{+44}(\downarrow tt_{-44})$

$5944 = 2^{3}\bullet 743^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow tt_{+45}(\downarrow tt_{-45})^{1}} = (1) + \uparrow tt_{+45}(\downarrow tt_{-45})$

$5945 = 5^{1}\bullet 29^{1}\bullet 41^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1} + \uparrow M3_{+29}(\downarrow m6_{-29})^{1}} = (1) + \uparrow tt_{+45}(\downarrow tt_{-45})$

$5946 = 2^{1}\bullet 3^{1}\bullet 991^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M7_{+43}(\downarrow m2_{-43})^{1}} = (1) + \uparrow tt_{+45}(\downarrow tt_{-45})$

$5947 = 19^{1}\bullet 313^{1} = \mathbf{(1) + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow m3_{+48}(\downarrow M6_{-48})^{1}} = (1) + \uparrow tt_{+46}(\downarrow tt_{-46})$

$5948 = 2^{2}\bullet 1487^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow tt_{+46}(\downarrow tt_{-46})^{1}} = (1) + \uparrow tt_{+46}(\downarrow tt_{-46})$

$5949 = 3^{2}\bullet 661^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M3_{+42}(\downarrow m6_{-42})^{1}} = (1) + \uparrow tt_{+46}(\downarrow tt_{-46})$

$5950 = 2^{1}\bullet 5^{2}\bullet 7^{1}\bullet 17^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1}} = (1) + \uparrow tt_{+46}(\downarrow tt_{-46})$

$5951 = 11^{1}\bullet 541^{1} = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m2_{-5}(\downarrow M7_{+5})^{1}} = (1) + \uparrow tt_{+47}(\downarrow tt_{-47})$

$5952 = 2^{6}\bullet 3^{1}\bullet 31^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{6} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1}} = (1) + \uparrow tt_{+47}(\downarrow tt_{-47})$

$5953 = 5953^{1} = \mathbf{(1) + \uparrow tt_{+47}(\downarrow tt_{-47})}$

$5954 = 2^{1}\bullet 13^{1}\bullet 229^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m7_{+7}(\downarrow M2_{-7})^{1}} = (1) + \uparrow tt_{+48}(\downarrow tt_{-48})$

$5955 = 3^{1}\bullet 5^{1}\bullet 397^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m6_{-40}(\downarrow M3_{+40})^{1}} = (1) + \uparrow tt_{+48}(\downarrow tt_{-48})$

$5956 = 2^{2}\bullet 1489^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow tt_{+48}(\downarrow tt_{-48})^{1}} = (1) + \uparrow tt_{+48}(\downarrow tt_{-48})$

$5957 = 7^{1}\bullet 23^{1}\bullet 37^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow m3_{-49}(\downarrow M6_{+49})^{1}} = (1) + \uparrow tt_{+48}(\downarrow tt_{-48})$

$5958 = 2^{1}\bullet 3^{2}\bullet 331^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M3_{+45}(\downarrow m6_{-45})^{1}} = (1) + \uparrow tt_{+49}(\downarrow tt_{-49})$

$5959 = 59^{1}\bullet 101^{1} = \mathbf{(1) + \uparrow M7_{-41}(\downarrow m2_{+41})^{1} + \uparrow m6_{-10}(\downarrow M3_{+10})^{1}} = (1) + \uparrow tt_{+49}(\downarrow tt_{-49})$

$5960 = 2^{3}\bullet 5^{1}\bullet 149^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m3_{-37}(\downarrow M6_{+37})^{1}} = (1) + \uparrow tt_{+49}(\downarrow tt_{-49})$

$5961 = 3^{1}\bullet 1987^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M7_{+48}(\downarrow m2_{-48})^{1}} = (1) + \uparrow tt_{+50}(\downarrow tt_{-50})$

$5962 = 2^{1}\bullet 11^{1}\bullet 271^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m2_{-1}(\downarrow M7_{+1})^{1}} = (1) + \uparrow tt_{+50}(\downarrow tt_{-50})$

$5963 = 67^{1}\bullet 89^{1} = \mathbf{(1) + \uparrow m2_{-21}(\downarrow M7_{+21})^{1} + \uparrow tt_{-29}(\downarrow tt_{+29})^{1}} = (1) + \uparrow P5_{-50}(\downarrow P4_{+50})$

$5964 = 2^{2}\bullet 3^{1}\bullet 7^{1}\bullet 71^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M2_{-20}(\downarrow m7_{+20})^{1}} = (1) + \uparrow P5_{-50}(\downarrow P4_{+50})$

$5965 = 5^{1}\bullet 1193^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m3_{-36}(\downarrow M6_{+36})^{1}} = (1) + \uparrow P5_{-49}(\downarrow P4_{+49})$

$5966 = 2^{1}\bullet 19^{1}\bullet 157^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow M3_{-46}(\downarrow m6_{+46})^{1}} = (1) + \uparrow P5_{-49}(\downarrow P4_{+49})$

$5967 = 3^{3}\bullet 13^{1}\bullet 17^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1}} = (1) + \uparrow P5_{-49}(\downarrow P4_{+49})$

$5968 = 2^{4}\bullet 373^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow P5_{-48}(\downarrow P4_{+48})^{1}} = (1) + \uparrow P5_{-48}(\downarrow P4_{+48})$

$5969 = 47^{1}\bullet 127^{1} = \mathbf{(1) + \uparrow P5_{-34}(\downarrow P4_{+34})^{1} + \uparrow 8ve_{-14}(\downarrow uni_{+14})^{1}} = (1) + \uparrow P5_{-48}(\downarrow P4_{+48})$

$5970 = 2^{1}\bullet 3^{1}\bullet 5^{1}\bullet 199^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m6_{-36}(\downarrow M3_{+36})^{1}} = (1) + \uparrow P5_{-48}(\downarrow P4_{+48})$

$5971 = 7^{1}\bullet 853^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M6_{-16}(\downarrow m3_{+16})^{1}} = (1) + \uparrow P5_{-47}(\downarrow P4_{+47})$

$5972 = 2^{2}\bullet 1493^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{-47}(\downarrow P4_{+47})^{1}} = (1) + \uparrow P5_{-47}(\downarrow P4_{+47})$

$5973 = 3^{1}\bullet 11^{1}\bullet 181^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow tt_{+0}(\downarrow tt_{-0})^{1}} = (1) + \uparrow P5_{-47}(\downarrow P4_{+47})$

$5974 = 2^{1}\bullet 29^{1}\bullet 103^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1} + \uparrow m6_{+24}(\downarrow M3_{-24})^{1}} = (1) + \uparrow P5_{-47}(\downarrow P4_{+47})$

$5975 = 5^{2}\bullet 239^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow M7_{-19}(\downarrow m2_{+19})^{1}} = (1) + \uparrow P5_{-46}(\downarrow P4_{+46})$

$5976 = 2^{3}\bullet 3^{2}\bullet 83^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow P4_{-50}(\downarrow P5_{+50})^{1}} = (1) + \uparrow P5_{-46}(\downarrow P4_{+46})$

$5977 = 43^{1}\bullet 139^{1} = \mathbf{(1) + \uparrow P4_{+12}(\downarrow P5_{-12})^{1} + \uparrow m2_{+43}(\downarrow M7_{-43})^{1}} = (1) + \uparrow P5_{-46}(\downarrow P4_{+46})$

$5978 = 2^{1}\bullet 7^{2}\bullet 61^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{2} + \uparrow M7_{+17}(\downarrow m2_{-17})^{1}} = (1) + \uparrow P5_{-45}(\downarrow P4_{+45})$

$5979 = 3^{1}\bullet 1993^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow 8ve_{-47}(\downarrow uni_{+47})^{1}} = (1) + \uparrow P5_{-45}(\downarrow P4_{+45})$

$5980 = 2^{2}\bullet 5^{1}\bullet 13^{1}\bullet 23^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1}} = (1) + \uparrow P5_{-45}(\downarrow P4_{+45})$

$5981 = 5981^{1} = \mathbf{(1) + \uparrow P5_{-45}(\downarrow P4_{+45})}$

$5982 = 2^{1}\bullet 3^{1}\bullet 997^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow 8ve_{-46}(\downarrow uni_{+46})^{1}} = (1) + \uparrow P5_{-44}(\downarrow P4_{+44})$

$5983 = 31^{1}\bullet 193^{1} = \mathbf{(1) + \uparrow M7_{+45}(\downarrow m2_{-45})^{1} + \uparrow P5_{+11}(\downarrow P4_{-11})^{1}} = (1) + \uparrow P5_{-44}(\downarrow P4_{+44})$

$5984 = 2^{5}\bullet 11^{1}\bullet 17^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{5} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1}} = (1) + \uparrow P5_{-44}(\downarrow P4_{+44})$

$5985 = 3^{2}\bullet 5^{1}\bullet 7^{1}\bullet 19^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1}} = (1) + \uparrow P5_{-43}(\downarrow P4_{+43})$

$5986 = 2^{1}\bullet 41^{1}\bullet 73^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{+29}(\downarrow m6_{-29})^{1} + \uparrow M2_{+28}(\downarrow m7_{-28})^{1}} = (1) + \uparrow P5_{-43}(\downarrow P4_{+43})$

$5987 = 5987^{1} = \mathbf{(1) + \uparrow P5_{-43}(\downarrow P4_{+43})}$

$5988 = 2^{2}\bullet 3^{1}\bullet 499^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow 8ve_{-45}(\downarrow uni_{+45})^{1}} = (1) + \uparrow P5_{-43}(\downarrow P4_{+43})$

$5989 = 53^{1}\bullet 113^{1} = \mathbf{(1) + \uparrow M6_{-26}(\downarrow m3_{+26})^{1} + \uparrow m7_{-16}(\downarrow M2_{+16})^{1}} = (1) + \uparrow P5_{-42}(\downarrow P4_{+42})$

$5990 = 2^{1}\bullet 5^{1}\bullet 599^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m3_{-28}(\downarrow M6_{+28})^{1}} = (1) + \uparrow P5_{-42}(\downarrow P4_{+42})$

$5991 = 3^{1}\bullet 1997^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow 8ve_{-44}(\downarrow uni_{+44})^{1}} = (1) + \uparrow P5_{-42}(\downarrow P4_{+42})$

$5992 = 2^{3}\bullet 7^{1}\bullet 107^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M6_{-10}(\downarrow m3_{+10})^{1}} = (1) + \uparrow P5_{-41}(\downarrow P4_{+41})$

$5993 = 13^{1}\bullet 461^{1} = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m7_{+18}(\downarrow M2_{-18})^{1}} = (1) + \uparrow P5_{-41}(\downarrow P4_{+41})$

$5994 = 2^{1}\bullet 3^{4}\bullet 37^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{4} + \uparrow m3_{-49}(\downarrow M6_{+49})^{1}} = (1) + \uparrow P5_{-41}(\downarrow P4_{+41})$

$5995 = 5^{1}\bullet 11^{1}\bullet 109^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow M6_{+22}(\downarrow m3_{-22})^{1}} = (1) + \uparrow P5_{-41}(\downarrow P4_{+41})$

$5996 = 2^{2}\bullet 1499^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{-40}(\downarrow P4_{+40})^{1}} = (1) + \uparrow P5_{-40}(\downarrow P4_{+40})$

$5997 = 3^{1}\bullet 1999^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow 8ve_{-42}(\downarrow uni_{+42})^{1}} = (1) + \uparrow P5_{-40}(\downarrow P4_{+40})$

$5998 = 2^1 \bullet 2999^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{-40}(\downarrow P4_{+40})^1} = (1) + \uparrow P5_{-40}(\downarrow P4_{+40})$

$5999 = 7^1 \bullet 857^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M6_{-8}(\downarrow m3_{+8})^1} = (1) + \uparrow P5_{-39}(\downarrow P4_{+39})$

$6000 = 2^4 \bullet 3^1 \bullet 5^3 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^3} = (1) + \uparrow P5_{-39}(\downarrow P4_{+39})$

$6001 = 17^1 \bullet 353^1 = \mathbf{(1) + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow tt_{-44}(\downarrow tt_{+44})^1} = (1) + \uparrow P5_{-39}(\downarrow P4_{+39})$

$6002 = 2^1 \bullet 3001^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{-39}(\downarrow P4_{+39})^1} = (1) + \uparrow P5_{-39}(\downarrow P4_{+39})$

$6003 = 3^2 \bullet 23^1 \bullet 29^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1} = (1) + \uparrow P5_{-38}(\downarrow P4_{+38})$

$6004 = 2^2 \bullet 19^1 \bullet 79^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow M3_{-35}(\downarrow m6_{+35})^1} = (1) + \uparrow P5_{-38}(\downarrow P4_{+38})$

$6005 = 5^1 \bullet 1201^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m3_{-24}(\downarrow M6_{+24})^1} = (1) + \uparrow P5_{-38}(\downarrow P4_{+38})$

$6006 = 2^1 \bullet 3^1 \bullet 7^1 \bullet 11^1 \bullet 13^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1} =$
$(1) + \uparrow P5_{-37}(\downarrow P4_{+37})$

$6007 = 6007^1 = \mathbf{(1) + \uparrow P5_{-37}(\downarrow P4_{+37})}$

$6008 = 2^3 \bullet 751^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{-37}(\downarrow P4_{+37})^1} = (1) + \uparrow P5_{-37}(\downarrow P4_{+37})$

$6009 = 3^1 \bullet 2003^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow 8ve_{-38}(\downarrow uni_{+38})^1} = (1) + \uparrow P5_{-37}(\downarrow P4_{+37})$

$6010 = 2^1 \bullet 5^1 \bullet 601^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m3_{-23}(\downarrow M6_{+23})^1} = (1) + \uparrow P5_{-36}(\downarrow P4_{+36})$

$6011 = 6011^1 = \mathbf{(1) + \uparrow P5_{-36}(\downarrow P4_{+36})}$

$6012 = 2^2 \bullet 3^2 \bullet 167^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow P4_{-40}(\downarrow P5_{+40})^1} = (1) + \uparrow P5_{-36}(\downarrow P4_{+36})$

$6013 = 7^1 \bullet 859^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M6_{-4}(\downarrow m3_{+4})^1} = (1) + \uparrow P5_{-35}(\downarrow P4_{+35})$

$6014 = 2^1 \bullet 31^1 \bullet 97^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M7_{+45}(\downarrow m2_{-45})^1 + \uparrow P5_{+20}(\downarrow P4_{-20})^1} = (1) + \uparrow P5_{-35}(\downarrow P4_{+35})$

$6015 = 3^1 \bullet 5^1 \bullet 401^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m6_{-23}(\downarrow M3_{+23})^1} = (1) + \uparrow P5_{-35}(\downarrow P4_{+35})$

$6016 = 2^7 \bullet 47^1 = \mathbf{(1) + \updownarrow 8ve(uni)^7 + \uparrow P5_{-34}(\downarrow P4_{+34})^1} = (1) + \uparrow P5_{-34}(\downarrow P4_{+34})$

$6017 = 11^1 \bullet 547^1 = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m2_{+14}(\downarrow M7_{-14})^1} = (1) + \uparrow P5_{-34}(\downarrow P4_{+34})$

$6018 = 2^1 \bullet 3^1 \bullet 17^1 \bullet 59^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow M7_{-41}(\downarrow m2_{+41})^1} = (1) + \uparrow P5_{-34}(\downarrow P4_{+34})$

$6019 = 13^1 \bullet 463^1 = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow m7_{+26}(\downarrow M2_{-26})^1} = (1) + \uparrow P5_{-34}(\downarrow P4_{+34})$

$6020 = 2^2 \bullet 5^1 \bullet 7^1 \bullet 43^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow P4_{+12}(\downarrow P5_{-12})^1} = (1) + \uparrow P5_{-33}(\downarrow P4_{+33})$

$6021 = 3^3 \bullet 223^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow m7_{-39}(\downarrow M2_{+39})^1} = (1) + \uparrow P5_{-33}(\downarrow P4_{+33})$

$6022 = 2^1 \bullet 3011^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{-33}(\downarrow P4_{+33})^1} = (1) + \uparrow P5_{-33}(\downarrow P4_{+33})$

$6023 = 19^1 \bullet 317^1 = \mathbf{(1) + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow M3_{-30}(\downarrow m6_{+30})^1} = (1) + \uparrow P5_{-32}(\downarrow P4_{+32})$

$6024 = 2^3 \bullet 3^1 \bullet 251^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow 8ve_{-34}(\downarrow uni_{+34})^1} = (1) + \uparrow P5_{-32}(\downarrow P4_{+32})$

$6025 = 5^2 \bullet 241^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow M7_{-5}(\downarrow m2_{+5})^1} = (1) + \uparrow P5_{-32}(\downarrow P4_{+32})$

$6026 = 2^1 \bullet 23^1 \bullet 131^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow uni_{+40}(\downarrow 8ve_{-40})^1} = (1) + \uparrow P5_{-32}(\downarrow P4_{+32})$

$6027 = 3^1 \bullet 7^2 \bullet 41^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^2 + \uparrow M3_{+29}(\downarrow m6_{-29})^1} = (1) + \uparrow P5_{-31}(\downarrow P4_{+31})$

$6028 = 2^2 \bullet 11^1 \bullet 137^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m2_{+18}(\downarrow M7_{-18})^1} = (1) + \uparrow P5_{-31}(\downarrow P4_{+31})$

$6029 = 6029^1 = \mathbf{(1) + \uparrow P5_{-31}(\downarrow P4_{+31})}$

$6030 = 2^1 \bullet 3^2 \bullet 5^1 \bullet 67^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m2_{-21}(\downarrow M7_{+21})^1} = (1) + \uparrow P5_{-30}(\downarrow P4_{+30})$

$6031 = 37^1 \bullet 163^1 = \mathbf{(1) + \uparrow m3_{-49}(\downarrow M6_{+49})^1 + \uparrow M3_{+18}(\downarrow m6_{-18})^1} = (1) + \uparrow P5_{-30}(\downarrow P4_{+30})$

$6032 = 2^4 \bullet 13^1 \bullet 29^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1} = (1) + \uparrow P5_{-30}(\downarrow P4_{+30})$

$6033 = 3^1 \bullet 2011^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow 8ve_{-32}(\downarrow uni_{+32})^1} = (1) + \uparrow P5_{-30}(\downarrow P4_{+30})$

$6034 = 2^1 \bullet 7^1 \bullet 431^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M6_{+2}(\downarrow m3_{-2})^1} = (1) + \uparrow P5_{-29}(\downarrow P4_{+29})$

$6035 = 5^1 \bullet 17^1 \bullet 71^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow M2_{-20}(\downarrow m7_{+20})^1} = (1) + \uparrow P5_{-29}(\downarrow P4_{+29})$

$6036 = 2^2 \bullet 3^1 \bullet 503^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow 8ve_{-31}(\downarrow uni_{+31})^1} = (1) + \uparrow P5_{-29}(\downarrow P4_{+29})$

$6037 = 6037^1 = \mathbf{(1) + \uparrow P5_{-28}(\downarrow P4_{+28})}$

$6038 = 2^1 \bullet 3019^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{-28}(\downarrow P4_{+28})^1} = (1) + \uparrow P5_{-28}(\downarrow P4_{+28})$

$6039 = 3^{2}\bullet 11^{1}\bullet 61^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow M7_{+17}(\downarrow m2_{-17})^{1}} = (1) + \uparrow P5_{-28}(\downarrow P4_{+28})$

$6040 = 2^{3}\bullet 5^{1}\bullet 151^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m3_{-14}(\downarrow M6_{+14})^{1}} = (1) + \uparrow P5_{-28}(\downarrow P4_{+28})$

$6041 = 7^{1}\bullet 863^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M6_{+4}(\downarrow m3_{-4})^{1}} = (1) + \uparrow P5_{-27}(\downarrow P4_{+27})$

$6042 = 2^{1}\bullet 3^{1}\bullet 19^{1}\bullet 53^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow M6_{-26}(\downarrow m3_{+26})^{1}} = (1) + \uparrow P5_{-27}(\downarrow P4_{+27})$

$6043 = 6043^{1} = \mathbf{(1) + \uparrow P5_{-27}(\downarrow P4_{+27})}$

$6044 = 2^{2}\bullet 1511^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{-26}(\downarrow P4_{+26})^{1}} = (1) + \uparrow P5_{-26}(\downarrow P4_{+26})$

$6045 = 3^{1}\bullet 5^{1}\bullet 13^{1}\bullet 31^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1}} = (1) + \uparrow P5_{-26}(\downarrow P4_{+26})$

$6046 = 2^{1}\bullet 3023^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{-26}(\downarrow P4_{+26})^{1}} = (1) + \uparrow P5_{-26}(\downarrow P4_{+26})$

$6047 = 6047^{1} = \mathbf{(1) + \uparrow P5_{-26}(\downarrow P4_{+26})}$

$6048 = 2^{5}\bullet 3^{3}\bullet 7^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{5} + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1}} = (1) + \uparrow P5_{-25}(\downarrow P4_{+25})$

$6049 = 23^{1}\bullet 263^{1} = \mathbf{(1) + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow uni_{+47}(\downarrow 8ve_{-47})^{1}} = (1) + \uparrow P5_{-25}(\downarrow P4_{+25})$

$6050 = 2^{1}\bullet 5^{2}\bullet 11^{2} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow tt_{-49}(\downarrow tt_{+49})^{2}} = (1) + \uparrow P5_{-25}(\downarrow P4_{+25})$

$6051 = 3^{1}\bullet 2017^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow 8ve_{-26}(\downarrow uni_{+26})^{1}} = (1) + \uparrow P5_{-24}(\downarrow P4_{+24})$

$6052 = 2^{2}\bullet 17^{1}\bullet 89^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow tt_{-29}(\downarrow tt_{+29})^{1}} = (1) + \uparrow P5_{-24}(\downarrow P4_{+24})$

$6053 = 6053^{1} = \mathbf{(1) + \uparrow P5_{-24}(\downarrow P4_{+24})}$

$6054 = 2^{1}\bullet 3^{1}\bullet 1009^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow 8ve_{-26}(\downarrow uni_{+26})^{1}} = (1) + \uparrow P5_{-24}(\downarrow P4_{+24})$

$6055 = 5^{1}\bullet 7^{1}\bullet 173^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow P4_{+22}(\downarrow P5_{-22})^{1}} = (1) + \uparrow P5_{-23}(\downarrow P4_{+23})$

$6056 = 2^{3}\bullet 757^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{-23}(\downarrow P4_{+23})^{1}} = (1) + \uparrow P5_{-23}(\downarrow P4_{+23})$

$6057 = 3^{2}\bullet 673^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow P4_{-27}(\downarrow P5_{+27})^{1}} = (1) + \uparrow P5_{-23}(\downarrow P4_{+23})$

$6058 = 2^{1}\bullet 13^{1}\bullet 233^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m7_{+37}(\downarrow M2_{-37})^{1}} = (1) + \uparrow P5_{-22}(\downarrow P4_{+22})$

$6059 = 73^{1}\bullet 83^{1} = \mathbf{(1) + \uparrow M2_{+28}(\downarrow m7_{-28})^{1} + \uparrow P4_{-50}(\downarrow P5_{+50})^{1}} = (1) + \uparrow P5_{-22}(\downarrow P4_{+22})$

$6060 = 2^{2}\bullet 3^{1}\bullet 5^{1}\bullet 101^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m6_{-10}(\downarrow M3_{+10})^{1}} = (1) + \uparrow P5_{-22}(\downarrow P4_{+22})$

$6061 = 11^{1}\bullet 19^{1}\bullet 29^{1} = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1}} = (1) + \uparrow P5_{-22}(\downarrow P4_{+22})$

$6062 = 2^{1}\bullet 7^{1}\bullet 433^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M6_{+10}(\downarrow m3_{-10})^{1}} = (1) + \uparrow P5_{-21}(\downarrow P4_{+21})$

$6063 = 3^{1}\bullet 43^{1}\bullet 47^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow P4_{+12}(\downarrow P5_{-12})^{1} + \uparrow P5_{-34}(\downarrow P4_{+34})^{1}} = (1) + \uparrow P5_{-21}(\downarrow P4_{+21})$

$6064 = 2^{4}\bullet 379^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow P5_{-21}(\downarrow P4_{+21})^{1}} = (1) + \uparrow P5_{-21}(\downarrow P4_{+21})$

$6065 = 5^{1}\bullet 1213^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m3_{-7}(\downarrow M6_{+7})^{1}} = (1) + \uparrow P5_{-20}(\downarrow P4_{+20})$

$6066 = 2^{1}\bullet 3^{2}\bullet 337^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow P4_{-24}(\downarrow P5_{+24})^{1}} = (1) + \uparrow P5_{-20}(\downarrow P4_{+20})$

$6067 = 6067^{1} = \mathbf{(1) + \uparrow P5_{-20}(\downarrow P4_{+20})}$

$6068 = 2^{2}\bullet 37^{1}\bullet 41^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m3_{-49}(\downarrow M6_{+49})^{1} + \uparrow M3_{+29}(\downarrow m6_{-29})^{1}} = (1) + \uparrow P5_{-20}(\downarrow P4_{+20})$

$6069 = 3^{1}\bullet 7^{1}\bullet 17^{2} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{2}} = (1) + \uparrow P5_{-19}(\downarrow P4_{+19})$

$6070 = 2^{1}\bullet 5^{1}\bullet 607^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m3_{-5}(\downarrow M6_{+5})^{1}} = (1) + \uparrow P5_{-19}(\downarrow P4_{+19})$

$6071 = 13^{1}\bullet 467^{1} = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m7_{+41}(\downarrow M2_{-41})^{1}} = (1) + \uparrow P5_{-19}(\downarrow P4_{+19})$

$6072 = 2^{3}\bullet 3^{1}\bullet 11^{1}\bullet 23^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1}} = (1) + \uparrow P5_{-18}(\downarrow P4_{+18})$

$6073 = 6073^{1} = \mathbf{(1) + \uparrow P5_{-18}(\downarrow P4_{+18})}$

$6074 = 2^{1}\bullet 3037^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{-18}(\downarrow P4_{+18})^{1}} = (1) + \uparrow P5_{-18}(\downarrow P4_{+18})$

$6075 = 3^{5}\bullet 5^{2} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{5} + \uparrow M3_{-14}(\downarrow m6_{+14})^{2}} = (1) + \uparrow P5_{-18}(\downarrow P4_{+18})$

$6076 = 2^{2}\bullet 7^{2}\bullet 31^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{2} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1}} = (1) + \uparrow P5_{-17}(\downarrow P4_{+17})$

$6077 = 59^{1}\bullet 103^{1} = \mathbf{(1) + \uparrow M7_{-41}(\downarrow m2_{+41})^{1} + \uparrow m6_{+24}(\downarrow M3_{-24})^{1}} = (1) + \uparrow P5_{-17}(\downarrow P4_{+17})$

$6078 = 2^{1}\bullet 3^{1}\bullet 1013^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow 8ve_{-19}(\downarrow uni_{+19})^{1}} = (1) + \uparrow P5_{-17}(\downarrow P4_{+17})$

$6079 = 6079^{1} = \mathbf{(1) + \uparrow P5_{-16}(\downarrow P4_{+16})}$

$6080 = 2^{6}\bullet 5^{1}\bullet 19^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{6} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1}} = (1) + \uparrow P5_{-16}(\downarrow P4_{+16})$

$6081 = 3^1 \bullet 2027^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow 8ve_{-18}(\downarrow uni_{+18})^1} = (1) + \uparrow P5_{-16}(\downarrow P4_{+16})$

$6082 = 2^1 \bullet 3041^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{-16}(\downarrow P4_{+16})^1} = (1) + \uparrow P5_{-16}(\downarrow P4_{+16})$

$6083 = 7^1 \bullet 11^1 \bullet 79^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow M3_{-35}(\downarrow m6_{+35})^1} = (1) + \uparrow P5_{-15}(\downarrow P4_{+15})$

$6084 = 2^2 \bullet 3^2 \bullet 13^2 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m6_{+41}(\downarrow M3_{-41})^2} = (1) + \uparrow P5_{-15}(\downarrow P4_{+15})$

$6085 = 5^1 \bullet 1217^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m3_{-1}(\downarrow M6_{+1})^1} = (1) + \uparrow P5_{-15}(\downarrow P4_{+15})$

$6086 = 2^1 \bullet 17^1 \bullet 179^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow tt_{-19}(\downarrow tt_{+19})^1} = (1) + \uparrow P5_{-14}(\downarrow P4_{+14})$

$6087 = 3^1 \bullet 2029^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow 8ve_{-16}(\downarrow uni_{+16})^1} = (1) + \uparrow P5_{-14}(\downarrow P4_{+14})$

$6088 = 2^3 \bullet 761^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{-14}(\downarrow P4_{+14})^1} = (1) + \uparrow P5_{-14}(\downarrow P4_{+14})$

$6089 = 6089^1 = \mathbf{(1) + \uparrow P5_{-14}(\downarrow P4_{+14})}$

$6090 = 2^1 \bullet 3^1 \bullet 5^1 \bullet 7^1 \bullet 29^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1} =$
$(1) + \uparrow P5_{-13}(\downarrow P4_{+13})$

$6091 = 6091^1 = \mathbf{(1) + \uparrow P5_{-13}(\downarrow P4_{+13})}$

$6092 = 2^2 \bullet 1523^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{-13}(\downarrow P4_{+13})^1} = (1) + \uparrow P5_{-13}(\downarrow P4_{+13})$

$6093 = 3^2 \bullet 677^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow P4_{-16}(\downarrow P5_{+16})^1} = (1) + \uparrow P5_{-12}(\downarrow P4_{+12})$

$6094 = 2^1 \bullet 11^1 \bullet 277^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m2_{+36}(\downarrow M7_{-36})^1} = (1) + \uparrow P5_{-12}(\downarrow P4_{+12})$

$6095 = 5^1 \bullet 23^1 \bullet 53^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow M6_{-26}(\downarrow m3_{+26})^1} = (1) + \uparrow P5_{-12}(\downarrow P4_{+12})$

$6096 = 2^4 \bullet 3^1 \bullet 127^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow 8ve_{-14}(\downarrow uni_{+14})^1} = (1) + \uparrow P5_{-12}(\downarrow P4_{+12})$

$6097 = 7^1 \bullet 13^1 \bullet 67^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow m2_{-21}(\downarrow M7_{+21})^1} = (1) + \uparrow P5_{-11}(\downarrow P4_{+11})$

$6098 = 2^1 \bullet 3049^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{-11}(\downarrow P4_{+11})^1} = (1) + \uparrow P5_{-11}(\downarrow P4_{+11})$

$6099 = 3^1 \bullet 19^1 \bullet 107^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow M6_{-10}(\downarrow m3_{+10})^1} = (1) + \uparrow P5_{-11}(\downarrow P4_{+11})$

$6100 = 2^2 \bullet 5^2 \bullet 61^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow M7_{+17}(\downarrow m2_{-17})^1} = (1) + \uparrow P5_{-10}(\downarrow P4_{+10})$

$6101 = 6101^1 = \mathbf{(1) + \uparrow P5_{-10}(\downarrow P4_{+10})}$

$6102 = 2^1 \bullet 3^3 \bullet 113^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow m7_{-16}(\downarrow M2_{+16})^1} = (1) + \uparrow P5_{-10}(\downarrow P4_{+10})$

$6103 = 17^1 \bullet 359^1 = \mathbf{(1) + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow tt_{-15}(\downarrow tt_{+15})^1} = (1) + \uparrow P5_{-10}(\downarrow P4_{+10})$

$6104 = 2^3 \bullet 7^1 \bullet 109^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M6_{+22}(\downarrow m3_{-22})^1} = (1) + \uparrow P5_{-9}(\downarrow P4_{+9})$

$6105 = 3^1 \bullet 5^1 \bullet 11^1 \bullet 37^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m3_{-49}(\downarrow M6_{+49})^1} = (1) + \uparrow P5_{-9}(\downarrow P4_{+9})$

$6106 = 2^1 \bullet 43^1 \bullet 71^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P4_{+12}(\downarrow P5_{-12})^1 + \uparrow M2_{-20}(\downarrow m7_{+20})^1} = (1) + \uparrow P5_{-9}(\downarrow P4_{+9})$

$6107 = 31^1 \bullet 197^1 = \mathbf{(1) + \uparrow M7_{+45}(\downarrow m2_{-45})^1 + \uparrow P5_{+46}(\downarrow P4_{-46})^1} = (1) + \uparrow P5_{-9}(\downarrow P4_{+9})$

$6108 = 2^2 \bullet 3^1 \bullet 509^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow 8ve_{-10}(\downarrow uni_{+10})^1} = (1) + \uparrow P5_{-8}(\downarrow P4_{+8})$

$6109 = 41^1 \bullet 149^1 = \mathbf{(1) + \uparrow M3_{+29}(\downarrow m6_{-29})^1 + \uparrow m3_{-37}(\downarrow M6_{+37})^1} = (1) + \uparrow P5_{-8}(\downarrow P4_{+8})$

$6110 = 2^1 \bullet 5^1 \bullet 13^1 \bullet 47^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow P5_{-34}(\downarrow P4_{+34})^1} = (1) + \uparrow P5_{-8}(\downarrow P4_{+8})$

$6111 = 3^2 \bullet 7^1 \bullet 97^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow P5_{+20}(\downarrow P4_{-20})^1} = (1) + \uparrow P5_{-7}(\downarrow P4_{+7})$

$6112 = 2^5 \bullet 191^1 = \mathbf{(1) + \updownarrow 8ve(uni)^5 + \uparrow P5_{-7}(\downarrow P4_{+7})^1} = (1) + \uparrow P5_{-7}(\downarrow P4_{+7})$

$6113 = 6113^1 = \mathbf{(1) + \uparrow P5_{-7}(\downarrow P4_{+7})}$

$6114 = 2^1 \bullet 3^1 \bullet 1019^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow 8ve_{-8}(\downarrow uni_{+8})^1} = (1) + \uparrow P5_{-7}(\downarrow P4_{+7})$

$6115 = 5^1 \bullet 1223^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m3_{+7}(\downarrow M6_{-7})^1} = (1) + \uparrow P5_{-6}(\downarrow P4_{+6})$

$6116 = 2^2 \bullet 11^1 \bullet 139^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m2_{+43}(\downarrow M7_{-43})^1} = (1) + \uparrow P5_{-6}(\downarrow P4_{+6})$

$6117 = 3^1 \bullet 2039^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow 8ve_{-8}(\downarrow uni_{+8})^1} = (1) + \uparrow P5_{-6}(\downarrow P4_{+6})$

$6118 = 2^1 \bullet 7^1 \bullet 19^1 \bullet 23^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1} = (1) + \uparrow P5_{-5}(\downarrow P4_{+5})$

$6119 = 29^1 \bullet 211^1 = \mathbf{(1) + \uparrow m7_{+30}(\downarrow M2_{-30})^1 + \uparrow M6_{-35}(\downarrow m3_{+35})^1} = (1) + \uparrow P5_{-5}(\downarrow P4_{+5})$

$6120 = 2^3 \bullet 3^2 \bullet 5^1 \bullet 17^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1} = (1) + \uparrow P5_{-5}(\downarrow P4_{+5})$

$6121 = 6121^1 = \mathbf{(1) + \uparrow P5_{-5}(\downarrow P4_{+5})}$

$6122 = 2^{1}\bullet 3061^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{-4}(\downarrow P4_{+4})^{1}} = (1) + \uparrow P5_{-4}(\downarrow P4_{+4})$

$6123 = 3^{1}\bullet 13^{1}\bullet 157^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow M3_{-46}(\downarrow m6_{+46})^{1}} = (1) + \uparrow P5_{-4}(\downarrow P4_{+4})$

$6124 = 2^{2}\bullet 1531^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{-4}(\downarrow P4_{+4})^{1}} = (1) + \uparrow P5_{-4}(\downarrow P4_{+4})$

$6125 = 5^{3}\bullet 7^{2} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{3} + \uparrow m7_{-31}(\downarrow M2_{+31})^{2}} = (1) + \uparrow P5_{-3}(\downarrow P4_{+3})$

$6126 = 2^{1}\bullet 3^{1}\bullet 1021^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow 8ve_{-5}(\downarrow uni_{+5})^{1}} = (1) + \uparrow P5_{-3}(\downarrow P4_{+3})$

$6127 = 11^{1}\bullet 557^{1} = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m2_{+46}(\downarrow M7_{-46})^{1}} = (1) + \uparrow P5_{-3}(\downarrow P4_{+3})$

$6128 = 2^{4}\bullet 383^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow P5_{-3}(\downarrow P4_{+3})^{1}} = (1) + \uparrow P5_{-3}(\downarrow P4_{+3})$

$6129 = 3^{3}\bullet 227^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow m7_{-8}(\downarrow M2_{+8})^{1}} = (1) + \uparrow P5_{-2}(\downarrow P4_{+2})$

$6130 = 2^{1}\bullet 5^{1}\bullet 613^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m3_{+12}(\downarrow M6_{-12})^{1}} = (1) + \uparrow P5_{-2}(\downarrow P4_{+2})$

$6131 = 6131^{1} = \mathbf{(1) + \uparrow P5_{-2}(\downarrow P4_{+2})}$

$6132 = 2^{2}\bullet 3^{1}\bullet 7^{1}\bullet 73^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M2_{+28}(\downarrow m7_{-28})^{1}} = (1) + \uparrow P5_{-1}(\downarrow P4_{+1})$

$6133 = 6133^{1} = \mathbf{(1) + \uparrow P5_{-1}(\downarrow P4_{+1})}$

$6134 = 2^{1}\bullet 3067^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{-1}(\downarrow P4_{+1})^{1}} = (1) + \uparrow P5_{-1}(\downarrow P4_{+1})$

$6135 = 3^{1}\bullet 5^{1}\bullet 409^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m6_{+11}(\downarrow M3_{-11})^{1}} = (1) + \uparrow P5_{-1}(\downarrow P4_{+1})$

$6136 = 2^{3}\bullet 13^{1}\bullet 59^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow M7_{-41}(\downarrow m2_{+41})^{1}} = (1) + \uparrow P5_{+0}(\downarrow P4_{-0})$

$6137 = 17^{1}\bullet 19^{2} = \mathbf{(1) + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{2}} = (1) + \uparrow P5_{+0}(\downarrow P4_{-0})$

$6138 = 2^{1}\bullet 3^{2}\bullet 11^{1}\bullet 31^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1}} = (1) + \uparrow P5_{+0}(\downarrow P4_{-0})$

$6139 = 7^{1}\bullet 877^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M6_{+32}(\downarrow m3_{-32})^{1}} = (1) + \uparrow P5_{+1}(\downarrow P4_{-1})$

$6140 = 2^{2}\bullet 5^{1}\bullet 307^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m3_{+15}(\downarrow M6_{-15})^{1}} = (1) + \uparrow P5_{+1}(\downarrow P4_{-1})$

$6141 = 3^{1}\bullet 23^{1}\bullet 89^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow tt_{-29}(\downarrow tt_{+29})^{1}} = (1) + \uparrow P5_{+1}(\downarrow P4_{-1})$

$6142 = 2^{1}\bullet 37^{1}\bullet 83^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m3_{-49}(\downarrow M6_{+49})^{1} + \uparrow P4_{-50}(\downarrow P5_{+50})^{1}} = (1) + \uparrow P5_{+1}(\downarrow P4_{-1})$

$6143 = 6143^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})}$

$6144 = 2^{11}\bullet 3^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{11} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1}} = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})$

$6145 = 5^{1}\bullet 1229^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m3_{+16}(\downarrow M6_{-16})^{1}} = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})$

$6146 = 2^{1}\bullet 7^{1}\bullet 439^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M6_{+34}(\downarrow m3_{-34})^{1}} = (1) + \uparrow P5_{+3}(\downarrow P4_{-3})$

$6147 = 3^{2}\bullet 683^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow P4_{-1}(\downarrow P5_{+1})^{1}} = (1) + \uparrow P5_{+3}(\downarrow P4_{-3})$

$6148 = 2^{2}\bullet 29^{1}\bullet 53^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1} + \uparrow M6_{-26}(\downarrow m3_{+26})^{1}} = (1) + \uparrow P5_{+3}(\downarrow P4_{-3})$

$6149 = 11^{1}\bullet 13^{1}\bullet 43^{1} = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow P4_{+12}(\downarrow P5_{-12})^{1}} = (1) + \uparrow P5_{+3}(\downarrow P4_{-3})$

$6150 = 2^{1}\bullet 3^{1}\bullet 5^{2}\bullet 41^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow M3_{+29}(\downarrow m6_{-29})^{1}} = (1) + \uparrow P5_{+4}(\downarrow P4_{-4})$

$6151 = 6151^{1} = \mathbf{(1) + \uparrow P5_{+4}(\downarrow P4_{-4})}$

$6152 = 2^{3}\bullet 769^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{+4}(\downarrow P4_{-4})^{1}} = (1) + \uparrow P5_{+4}(\downarrow P4_{-4})$

$6153 = 3^{1}\bullet 7^{1}\bullet 293^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M2_{+34}(\downarrow m7_{-34})^{1}} = (1) + \uparrow P5_{+4}(\downarrow P4_{-4})$

$6154 = 2^{1}\bullet 17^{1}\bullet 181^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow tt_{+0}(\downarrow tt_{-0})^{1}} = (1) + \uparrow P5_{+5}(\downarrow P4_{-5})$

$6155 = 5^{1}\bullet 1231^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m3_{+19}(\downarrow M6_{-19})^{1}} = (1) + \uparrow P5_{+5}(\downarrow P4_{-5})$

$6156 = 2^{2}\bullet 3^{4}\bullet 19^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{4} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1}} = (1) + \uparrow P5_{+5}(\downarrow P4_{-5})$

$6157 = 47^{1}\bullet 131^{1} = \mathbf{(1) + \uparrow P5_{-34}(\downarrow P4_{+34})^{1} + \uparrow uni_{+40}(\downarrow 8ve_{-40})^{1}} = (1) + \uparrow P5_{+6}(\downarrow P4_{-6})$

$6158 = 2^{1}\bullet 3079^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+6}(\downarrow P4_{-6})^{1}} = (1) + \uparrow P5_{+6}(\downarrow P4_{-6})$

$6159 = 3^{1}\bullet 2053^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow uni_{+4}(\downarrow 8ve_{-4})^{1}} = (1) + \uparrow P5_{+6}(\downarrow P4_{-6})$

$6160 = 2^{4}\bullet 5^{1}\bullet 7^{1}\bullet 11^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1}} = (1) + \uparrow P5_{+6}(\downarrow P4_{-6})$

$6161 = 61^{1}\bullet 101^{1} = \mathbf{(1) + \uparrow M7_{+17}(\downarrow m2_{-17})^{1} + \uparrow m6_{-10}(\downarrow M3_{+10})^{1}} = (1) + \uparrow P5_{+7}(\downarrow P4_{-7})$

$6162 = 2^{1}\bullet 3^{1}\bullet 13^{1}\bullet 79^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow M3_{-35}(\downarrow m6_{+35})^{1}} = (1) + \uparrow P5_{+7}(\downarrow P4_{-7})$

$6163 = 6163^{1} = \mathbf{(1) + \uparrow P5_{+7}(\downarrow P4_{-7})}$

$6164 = 2^{2}\bullet 23^{1}\bullet 67^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow m2_{-21}(\downarrow M7_{+21})^{1}} = (1) + \uparrow P5_{+8}(\downarrow P4_{-8})$

$6165 = 3^{2}\bullet 5^{1}\bullet 137^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m2_{+18}(\downarrow M7_{-18})^{1}} = (1) + \uparrow P5_{+8}(\downarrow P4_{-8})$

$6166 = 2^{1}\bullet 3083^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+8}(\downarrow P4_{-8})^{1}} = (1) + \uparrow P5_{+8}(\downarrow P4_{-8})$

$6167 = 7^{1}\bullet 881^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M6_{+40}(\downarrow m3_{-40})^{1}} = (1) + \uparrow P5_{+8}(\downarrow P4_{-8})$

$6168 = 2^{3}\bullet 3^{1}\bullet 257^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow uni_{+7}(\downarrow 8ve_{-7})^{1}} = (1) + \uparrow P5_{+9}(\downarrow P4_{-9})$

$6169 = 31^{1}\bullet 199^{1} = \mathbf{(1) + \uparrow M7_{+45}(\downarrow m2_{-45})^{1} + \uparrow m6_{-36}(\downarrow M3_{+36})^{1}} = (1) + \uparrow P5_{+9}(\downarrow P4_{-9})$

$6170 = 2^{1}\bullet 5^{1}\bullet 617^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m3_{+23}(\downarrow M6_{-23})^{1}} = (1) + \uparrow P5_{+9}(\downarrow P4_{-9})$

$6171 = 3^{1}\bullet 11^{2}\bullet 17^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{2} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1}} = (1) + \uparrow P5_{+10}(\downarrow P4_{-10})$

$6172 = 2^{2}\bullet 1543^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+10}(\downarrow P4_{-10})^{1}} = (1) + \uparrow P5_{+10}(\downarrow P4_{-10})$

$6173 = 6173^{1} = \mathbf{(1) + \uparrow P5_{+10}(\downarrow P4_{-10})}$

$6174 = 2^{1}\bullet 3^{2}\bullet 7^{3} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{3}} = (1) + \uparrow P5_{+10}(\downarrow P4_{-10})$

$6175 = 5^{2}\bullet 13^{1}\bullet 19^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1}} = (1) + \uparrow P5_{+11}(\downarrow P4_{-11})$

$6176 = 2^{5}\bullet 193^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{5} + \uparrow P5_{+11}(\downarrow P4_{-11})^{1}} = (1) + \uparrow P5_{+11}(\downarrow P4_{-11})$

$6177 = 3^{1}\bullet 29^{1}\bullet 71^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1} + \uparrow M2_{-20}(\downarrow m7_{+20})^{1}} = (1) + \uparrow P5_{+11}(\downarrow P4_{-11})$

$6178 = 2^{1}\bullet 3089^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+12}(\downarrow P4_{-12})^{1}} = (1) + \uparrow P5_{+12}(\downarrow P4_{-12})$

$6179 = 37^{1}\bullet 167^{1} = \mathbf{(1) + \uparrow m3_{-49}(\downarrow M6_{+49})^{1} + \uparrow P4_{-40}(\downarrow P5_{+40})^{1}} = (1) + \uparrow P5_{+12}(\downarrow P4_{-12})$

$6180 = 2^{2}\bullet 3^{1}\bullet 5^{1}\bullet 103^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m6_{+24}(\downarrow M3_{-24})^{1}} = (1) + \uparrow P5_{+12}(\downarrow P4_{-12})$

$6181 = 7^{1}\bullet 883^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M6_{+44}(\downarrow m3_{-44})^{1}} = (1) + \uparrow P5_{+12}(\downarrow P4_{-12})$

$6182 = 2^{1}\bullet 11^{1}\bullet 281^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow M2_{-39}(\downarrow m7_{+39})^{1}} = (1) + \uparrow P5_{+13}(\downarrow P4_{-13})$

$6183 = 3^{3}\bullet 229^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow m7_{+7}(\downarrow M2_{-7})^{1}} = (1) + \uparrow P5_{+13}(\downarrow P4_{-13})$

$6184 = 2^{3}\bullet 773^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{+13}(\downarrow P4_{-13})^{1}} = (1) + \uparrow P5_{+13}(\downarrow P4_{-13})$

$6185 = 5^{1}\bullet 1237^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m3_{+27}(\downarrow M6_{-27})^{1}} = (1) + \uparrow P5_{+13}(\downarrow P4_{-13})$

$6186 = 2^{1}\bullet 3^{1}\bullet 1031^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow uni_{+12}(\downarrow 8ve_{-12})^{1}} = (1) + \uparrow P5_{+14}(\downarrow P4_{-14})$

$6187 = 23^{1}\bullet 269^{1} = \mathbf{(1) + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow m2_{-14}(\downarrow M7_{+14})^{1}} = (1) + \uparrow P5_{+14}(\downarrow P4_{-14})$

$6188 = 2^{2}\bullet 7^{1}\bullet 13^{1}\bullet 17^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1}} = (1) + \uparrow P5_{+14}(\downarrow P4_{-14})$

$6189 = 3^{1}\bullet 2063^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow uni_{+13}(\downarrow 8ve_{-13})^{1}} = (1) + \uparrow P5_{+15}(\downarrow P4_{-15})$

$6190 = 2^{1}\bullet 5^{1}\bullet 619^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m3_{+29}(\downarrow M6_{-29})^{1}} = (1) + \uparrow P5_{+15}(\downarrow P4_{-15})$

$6191 = 41^{1}\bullet 151^{1} = \mathbf{(1) + \uparrow M3_{+29}(\downarrow m6_{-29})^{1} + \uparrow m3_{-14}(\downarrow M6_{+14})^{1}} = (1) + \uparrow P5_{+15}(\downarrow P4_{-15})$

$6192 = 2^{4}\bullet 3^{2}\bullet 43^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow P4_{+12}(\downarrow P5_{-12})^{1}} = (1) + \uparrow P5_{+15}(\downarrow P4_{-15})$

$6193 = 11^{1}\bullet 563^{1} = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow M2_{-36}(\downarrow m7_{+36})^{1}} = (1) + \uparrow P5_{+16}(\downarrow P4_{-16})$

$6194 = 2^{1}\bullet 19^{1}\bullet 163^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow M3_{+18}(\downarrow m6_{-18})^{1}} = (1) + \uparrow P5_{+16}(\downarrow P4_{-16})$

$6195 = 3^{1}\bullet 5^{1}\bullet 7^{1}\bullet 59^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M7_{-41}(\downarrow m2_{+41})^{1}} = (1) + \uparrow P5_{+16}(\downarrow P4_{-16})$

$6196 = 2^{2}\bullet 1549^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+17}(\downarrow P4_{-17})^{1}} = (1) + \uparrow P5_{+17}(\downarrow P4_{-17})$

$6197 = 6197^{1} = \mathbf{(1) + \uparrow P5_{+17}(\downarrow P4_{-17})}$

$6198 = 2^{1}\bullet 3^{1}\bullet 1033^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow uni_{+15}(\downarrow 8ve_{-15})^{1}} = (1) + \uparrow P5_{+17}(\downarrow P4_{-17})$

$6199 = 6199^{1} = \mathbf{(1) + \uparrow P5_{+17}(\downarrow P4_{-17})}$

$6200 = 2^{3}\bullet 5^{2}\bullet 31^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1}} = (1) + \uparrow P5_{+18}(\downarrow P4_{-18})$

$6201 = 3^{2}\bullet 13^{1}\bullet 53^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow M6_{-26}(\downarrow m3_{+26})^{1}} = (1) + \uparrow P5_{+18}(\downarrow P4_{-18})$

$6202 = 2^{1}\bullet 7^{1}\bullet 443^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M6_{+49}(\downarrow m3_{-49})^{1}} = (1) + \uparrow P5_{+18}(\downarrow P4_{-18})$

$6203 = 6203^{1} = \mathbf{(1) + \uparrow P5_{+19}(\downarrow P4_{-19})}$

$6204 = 2^{2}\bullet 3^{1}\bullet 11^{1}\bullet 47^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow P5_{-34}(\downarrow P4_{+34})^{1}} = (1) + \uparrow P5_{+19}(\downarrow P4_{-19})$

$6205 = 5^{1}\bullet 17^{1}\bullet 73^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow M2_{+28}(\downarrow m7_{-28})^{1}} = (1) + \uparrow P5_{+19}(\downarrow P4_{-19})$

$6206 = 2^1 \bullet 29^1 \bullet 107^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1 + \uparrow M6_{-10}(\downarrow m3_{+10})^1} = (1) + \uparrow P5_{+19}(\downarrow P4_{-19})$

$6207 = 3^1 \bullet 2069^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow uni_{+18}(\downarrow 8ve_{-18})^1} = (1) + \uparrow P5_{+20}(\downarrow P4_{-20})$

$6208 = 2^6 \bullet 97^1 = \mathbf{(1) + \updownarrow 8ve(uni)^6 + \uparrow P5_{+20}(\downarrow P4_{-20})^1} = (1) + \uparrow P5_{+20}(\downarrow P4_{-20})$

$6209 = 7^1 \bullet 887^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m7_{-49}(\downarrow M2_{+49})^1} = (1) + \uparrow P5_{+20}(\downarrow P4_{-20})$

$6210 = 2^1 \bullet 3^3 \bullet 5^1 \bullet 23^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1} = (1) + \uparrow P5_{+20}(\downarrow P4_{-20})$

$6211 = 6211^1 = \mathbf{(1) + \uparrow P5_{+21}(\downarrow P4_{-21})}$

$6212 = 2^2 \bullet 1553^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+21}(\downarrow P4_{-21})^1} = (1) + \uparrow P5_{+21}(\downarrow P4_{-21})$

$6213 = 3^1 \bullet 19^1 \bullet 109^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow M6_{+22}(\downarrow m3_{-22})^1} = (1) + \uparrow P5_{+21}(\downarrow P4_{-21})$

$6214 = 2^1 \bullet 13^1 \bullet 239^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow M7_{-19}(\downarrow m2_{+19})^1} = (1) + \uparrow P5_{+22}(\downarrow P4_{-22})$

$6215 = 5^1 \bullet 11^1 \bullet 113^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m7_{-16}(\downarrow M2_{+16})^1} = (1) + \uparrow P5_{+22}(\downarrow P4_{-22})$

$6216 = 2^3 \bullet 3^1 \bullet 7^1 \bullet 37^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m3_{-49}(\downarrow M6_{+49})^1} = (1) + \uparrow P5_{+22}(\downarrow P4_{-22})$

$6217 = 6217^1 = \mathbf{(1) + \uparrow P5_{+22}(\downarrow P4_{-22})}$

$6218 = 2^1 \bullet 3109^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+23}(\downarrow P4_{-23})^1} = (1) + \uparrow P5_{+23}(\downarrow P4_{-23})$

$6219 = 3^2 \bullet 691^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow P4_{+19}(\downarrow P5_{-19})^1} = (1) + \uparrow P5_{+23}(\downarrow P4_{-23})$

$6220 = 2^2 \bullet 5^1 \bullet 311^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m3_{+37}(\downarrow M6_{-37})^1} = (1) + \uparrow P5_{+23}(\downarrow P4_{-23})$

$6221 = 6221^1 = \mathbf{(1) + \uparrow P5_{+24}(\downarrow P4_{-24})}$

$6222 = 2^1 \bullet 3^1 \bullet 17^1 \bullet 61^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow M7_{+17}(\downarrow m2_{-17})^1} = (1) + \uparrow P5_{+24}(\downarrow P4_{-24})$

$6223 = 7^2 \bullet 127^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^2 + \uparrow 8ve_{-14}(\downarrow uni_{+14})^1} = (1) + \uparrow P5_{+24}(\downarrow P4_{-24})$

$6224 = 2^4 \bullet 389^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow P5_{+24}(\downarrow P4_{-24})^1} = (1) + \uparrow P5_{+24}(\downarrow P4_{-24})$

$6225 = 3^1 \bullet 5^2 \bullet 83^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow P4_{-50}(\downarrow P5_{+50})^1} = (1) + \uparrow P5_{+25}(\downarrow P4_{-25})$

$6226 = 2^1 \bullet 11^1 \bullet 283^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow M2_{-26}(\downarrow m7_{+26})^1} = (1) + \uparrow P5_{+25}(\downarrow P4_{-25})$

$6227 = 13^1 \bullet 479^1 = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow M7_{-15}(\downarrow m2_{+15})^1} = (1) + \uparrow P5_{+25}(\downarrow P4_{-25})$

$6228 = 2^2 \bullet 3^2 \bullet 173^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow P4_{+22}(\downarrow P5_{-22})^1} = (1) + \uparrow P5_{+25}(\downarrow P4_{-25})$

$6229 = 6229^1 = \mathbf{(1) + \uparrow P5_{+26}(\downarrow P4_{-26})}$

$6230 = 2^1 \bullet 5^1 \bullet 7^1 \bullet 89^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow tt_{-29}(\downarrow tt_{+29})^1} = (1) + \uparrow P5_{+26}(\downarrow P4_{-26})$

$6231 = 3^1 \bullet 31^1 \bullet 67^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M7_{+45}(\downarrow m2_{-45})^1 + \uparrow m2_{-21}(\downarrow M7_{+21})^1} = (1) + \uparrow P5_{+26}(\downarrow P4_{-26})$

$6232 = 2^3 \bullet 19^1 \bullet 41^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow M3_{+29}(\downarrow m6_{-29})^1} = (1) + \uparrow P5_{+27}(\downarrow P4_{-27})$

$6233 = 23^1 \bullet 271^1 = \mathbf{(1) + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow m2_{-1}(\downarrow M7_{+1})^1} = (1) + \uparrow P5_{+27}(\downarrow P4_{-27})$

$6234 = 2^1 \bullet 3^1 \bullet 1039^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow uni_{+25}(\downarrow 8ve_{-25})^1} = (1) + \uparrow P5_{+27}(\downarrow P4_{-27})$

$6235 = 5^1 \bullet 29^1 \bullet 43^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1 + \uparrow P4_{+12}(\downarrow P5_{-12})^1} = (1) + \uparrow P5_{+27}(\downarrow P4_{-27})$

$6236 = 2^2 \bullet 1559^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+28}(\downarrow P4_{-28})^1} = (1) + \uparrow P5_{+28}(\downarrow P4_{-28})$

$6237 = 3^4 \bullet 7^1 \bullet 11^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^4 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1} = (1) + \uparrow P5_{+28}(\downarrow P4_{-28})$

$6238 = 2^1 \bullet 3119^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+28}(\downarrow P4_{-28})^1} = (1) + \uparrow P5_{+28}(\downarrow P4_{-28})$

$6239 = 17^1 \bullet 367^1 = \mathbf{(1) + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow tt_{+24}(\downarrow tt_{-24})^1} = (1) + \uparrow P5_{+29}(\downarrow P4_{-29})$

$6240 = 2^5 \bullet 3^1 \bullet 5^1 \bullet 13^1 = \mathbf{(1) + \updownarrow 8ve(uni)^5 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1} = (1) + \uparrow P5_{+29}(\downarrow P4_{-29})$

$6241 = 79^2 = \mathbf{(1) + \uparrow M3_{-35}(\downarrow m6_{+35})^2} = (1) + \uparrow P5_{+29}(\downarrow P4_{-29})$

$6242 = 2^1 \bullet 3121^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+29}(\downarrow P4_{-29})^1} = (1) + \uparrow P5_{+29}(\downarrow P4_{-29})$

$6243 = 3^1 \bullet 2081^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow uni_{+28}(\downarrow 8ve_{-28})^1} = (1) + \uparrow P5_{+30}(\downarrow P4_{-30})$

$6244 = 2^2 \bullet 7^1 \bullet 223^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m7_{-39}(\downarrow M2_{+39})^1} = (1) + \uparrow P5_{+30}(\downarrow P4_{-30})$

$6245 = 5^1 \bullet 1249^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m3_{+44}(\downarrow M6_{-44})^1} = (1) + \uparrow P5_{+30}(\downarrow P4_{-30})$

$6246 = 2^1 \bullet 3^2 \bullet 347^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow P4_{+27}(\downarrow P5_{-27})^1} = (1) + \uparrow P5_{+30}(\downarrow P4_{-30})$

$6247 = 6247^1 = \mathbf{(1) + \uparrow P5_{+31}(\downarrow P4_{-31})}$

$6248 = 2^{3}\bullet 11^{1}\bullet 71^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow M2_{-20}(\downarrow m7_{+20})^{1}} = (1) + \uparrow P5_{+31}(\downarrow P4_{-31})$

$6249 = 3^{1}\bullet 2083^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow uni_{+29}(\downarrow 8ve_{-29})^{1}} = (1) + \uparrow P5_{+31}(\downarrow P4_{-31})$

$6250 = 2^{1}\bullet 5^{5} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{5}} = (1) + \uparrow P5_{+32}(\downarrow P4_{-32})$

$6251 = 7^{1}\bullet 19^{1}\bullet 47^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow P5_{-34}(\downarrow P4_{+34})^{1}} = (1) + \uparrow P5_{+32}(\downarrow P4_{-32})$

$6252 = 2^{2}\bullet 3^{1}\bullet 521^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow uni_{+30}(\downarrow 8ve_{-30})^{1}} = (1) + \uparrow P5_{+32}(\downarrow P4_{-32})$

$6253 = 13^{2}\bullet 37^{1} = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^{2} + \uparrow m3_{-49}(\downarrow M6_{+49})^{1}} = (1) + \uparrow P5_{+32}(\downarrow P4_{-32})$

$6254 = 2^{1}\bullet 53^{1}\bullet 59^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M6_{-26}(\downarrow m3_{+26})^{1} + \uparrow M7_{-41}(\downarrow m2_{+41})^{1}} = (1) + \uparrow P5_{+33}(\downarrow P4_{-33})$

$6255 = 3^{2}\bullet 5^{1}\bullet 139^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m2_{+43}(\downarrow M7_{-43})^{1}} = (1) + \uparrow P5_{+33}(\downarrow P4_{-33})$

$6256 = 2^{4}\bullet 17^{1}\bullet 23^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1}} = (1) + \uparrow P5_{+33}(\downarrow P4_{-33})$

$6257 = 6257^{1} = \mathbf{(1) + \uparrow P5_{+34}(\downarrow P4_{-34})}$

$6258 = 2^{1}\bullet 3^{1}\bullet 7^{1}\bullet 149^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m3_{-37}(\downarrow M6_{+37})^{1}} = (1) + \uparrow P5_{+34}(\downarrow P4_{-34})$

$6259 = 11^{1}\bullet 569^{1} = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow M2_{-17}(\downarrow m7_{+17})^{1}} = (1) + \uparrow P5_{+34}(\downarrow P4_{-34})$

$6260 = 2^{2}\bullet 5^{1}\bullet 313^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m3_{+48}(\downarrow M6_{-48})^{1}} = (1) + \uparrow P5_{+34}(\downarrow P4_{-34})$

$6261 = 3^{1}\bullet 2087^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow uni_{+33}(\downarrow 8ve_{-33})^{1}} = (1) + \uparrow P5_{+35}(\downarrow P4_{-35})$

$6262 = 2^{1}\bullet 31^{1}\bullet 101^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1} + \uparrow m6_{-10}(\downarrow M3_{+10})^{1}} = (1) + \uparrow P5_{+35}(\downarrow P4_{-35})$

$6263 = 6263^{1} = \mathbf{(1) + \uparrow P5_{+35}(\downarrow P4_{-35})}$

$6264 = 2^{3}\bullet 3^{3}\bullet 29^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1}} = (1) + \uparrow P5_{+35}(\downarrow P4_{-35})$

$6265 = 5^{1}\bullet 7^{1}\bullet 179^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow tt_{-19}(\downarrow tt_{+19})^{1}} = (1) + \uparrow P5_{+36}(\downarrow P4_{-36})$

$6266 = 2^{1}\bullet 13^{1}\bullet 241^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow M7_{-5}(\downarrow m2_{+5})^{1}} = (1) + \uparrow P5_{+36}(\downarrow P4_{-36})$

$6267 = 3^{1}\bullet 2089^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow uni_{+34}(\downarrow 8ve_{-34})^{1}} = (1) + \uparrow P5_{+36}(\downarrow P4_{-36})$

$6268 = 2^{2}\bullet 1567^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+37}(\downarrow P4_{-37})^{1}} = (1) + \uparrow P5_{+37}(\downarrow P4_{-37})$

$6269 = 6269^{1} = \mathbf{(1) + \uparrow P5_{+37}(\downarrow P4_{-37})}$

$6270 = 2^{1}\bullet 3^{1}\bullet 5^{1}\bullet 11^{1}\bullet 19^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1}} =$

$(1) + \uparrow P5_{+37}(\downarrow P4_{-37})$

$6271 = 6271^{1} = \mathbf{(1) + \uparrow P5_{+37}(\downarrow P4_{-37})}$

$6272 = 2^{7}\bullet 7^{2} = \mathbf{(1) + \updownarrow 8ve(uni)^{7} + \uparrow m7_{-31}(\downarrow M2_{+31})^{2}} = (1) + \uparrow P5_{+38}(\downarrow P4_{-38})$

$6273 = 3^{2}\bullet 17^{1}\bullet 41^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow M3_{+29}(\downarrow m6_{-29})^{1}} = (1) + \uparrow P5_{+38}(\downarrow P4_{-38})$

$6274 = 2^{1}\bullet 3137^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+38}(\downarrow P4_{-38})^{1}} = (1) + \uparrow P5_{+38}(\downarrow P4_{-38})$

$6275 = 5^{2}\bullet 251^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow 8ve_{-34}(\downarrow uni_{+34})^{1}} = (1) + \uparrow P5_{+38}(\downarrow P4_{-38})$

$6276 = 2^{2}\bullet 3^{1}\bullet 523^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow uni_{+37}(\downarrow 8ve_{-37})^{1}} = (1) + \uparrow P5_{+39}(\downarrow P4_{-39})$

$6277 = 6277^{1} = \mathbf{(1) + \uparrow P5_{+39}(\downarrow P4_{-39})}$

$6278 = 2^{1}\bullet 43^{1}\bullet 73^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P4_{+12}(\downarrow P5_{-12})^{1} + \uparrow M2_{+28}(\downarrow m7_{-28})^{1}} = (1) + \uparrow P5_{+39}(\downarrow P4_{-39})$

$6279 = 3^{1}\bullet 7^{1}\bullet 13^{1}\bullet 23^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1}} = (1) + \uparrow P5_{+40}(\downarrow P4_{-40})$

$6280 = 2^{3}\bullet 5^{1}\bullet 157^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M3_{-46}(\downarrow m6_{+46})^{1}} = (1) + \uparrow P5_{+40}(\downarrow P4_{-40})$

$6281 = 11^{1}\bullet 571^{1} = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow M2_{-11}(\downarrow m7_{+11})^{1}} = (1) + \uparrow P5_{+40}(\downarrow P4_{-40})$

$6282 = 2^{1}\bullet 3^{2}\bullet 349^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow P4_{+36}(\downarrow P5_{-36})^{1}} = (1) + \uparrow P5_{+40}(\downarrow P4_{-40})$

$6283 = 61^{1}\bullet 103^{1} = \mathbf{(1) + \uparrow M7_{+17}(\downarrow m2_{-17})^{1} + \uparrow m6_{+24}(\downarrow M3_{-24})^{1}} = (1) + \uparrow P5_{+41}(\downarrow P4_{-41})$

$6284 = 2^{2}\bullet 1571^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+41}(\downarrow P4_{-41})^{1}} = (1) + \uparrow P5_{+41}(\downarrow P4_{-41})$

$6285 = 3^{1}\bullet 5^{1}\bullet 419^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M6_{-47}(\downarrow m3_{+47})^{1}} = (1) + \uparrow P5_{+41}(\downarrow P4_{-41})$

$6286 = 2^{1}\bullet 7^{1}\bullet 449^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m7_{-27}(\downarrow M2_{+27})^{1}} = (1) + \uparrow P5_{+42}(\downarrow P4_{-42})$

$6287 = 6287^{1} = \mathbf{(1) + \uparrow P5_{+42}(\downarrow P4_{-42})}$

$6288 = 2^{4}\bullet 3^{1}\bullet 131^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow uni_{+40}(\downarrow 8ve_{-40})^{1}} = (1) + \uparrow P5_{+42}(\downarrow P4_{-42})$

$6289 = 19^1 \bullet 331^1 = \mathbf{(1) + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow M3_{+45}(\downarrow m6_{-45})^1} = (1) + \uparrow P5_{+42}(\downarrow P4_{-42})$

$6290 = 2^1 \bullet 5^1 \bullet 17^1 \bullet 37^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow m3_{-49}(\downarrow M6_{+49})^1} = (1) + \uparrow P5_{+43}(\downarrow P4_{-43})$

$6291 = 3^3 \bullet 233^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow m7_{+37}(\downarrow M2_{-37})^1} = (1) + \uparrow P5_{+43}(\downarrow P4_{-43})$

$6292 = 2^2 \bullet 11^2 \bullet 13^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow tt_{-49}(\downarrow tt_{+49})^2 + \uparrow m6_{+41}(\downarrow M3_{-41})^1} = (1) + \uparrow P5_{+43}(\downarrow P4_{-43})$

$6293 = 7^1 \bullet 29^1 \bullet 31^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1 + \uparrow M7_{+45}(\downarrow m2_{-45})^1} = (1) + \uparrow P5_{+43}(\downarrow P4_{-43})$

$6294 = 2^1 \bullet 3^1 \bullet 1049^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow uni_{+42}(\downarrow 8ve_{-42})^1} = (1) + \uparrow P5_{+44}(\downarrow P4_{-44})$

$6295 = 5^1 \bullet 1259^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M3_{-42}(\downarrow m6_{+42})^1} = (1) + \uparrow P5_{+44}(\downarrow P4_{-44})$

$6296 = 2^3 \bullet 787^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{+44}(\downarrow P4_{-44})^1} = (1) + \uparrow P5_{+44}(\downarrow P4_{-44})$

$6297 = 3^1 \bullet 2099^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow uni_{+43}(\downarrow 8ve_{-43})^1} = (1) + \uparrow P5_{+45}(\downarrow P4_{-45})$

$6298 = 2^1 \bullet 47^1 \bullet 67^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{-34}(\downarrow P4_{+34})^1 + \uparrow m2_{-21}(\downarrow M7_{+21})^1} = (1) + \uparrow P5_{+45}(\downarrow P4_{-45})$

$6299 = 6299^1 = \mathbf{(1) + \uparrow P5_{+45}(\downarrow P4_{-45})}$

$6300 = 2^2 \bullet 3^2 \bullet 5^2 \bullet 7^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow m7_{-31}(\downarrow M2_{+31})^1} = (1) + \uparrow P5_{+45}(\downarrow P4_{-45})$

$6301 = 6301^1 = \mathbf{(1) + \uparrow P5_{+46}(\downarrow P4_{-46})}$

$6302 = 2^1 \bullet 23^1 \bullet 137^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow m2_{+18}(\downarrow M7_{-18})^1} = (1) + \uparrow P5_{+46}(\downarrow P4_{-46})$

$6303 = 3^1 \bullet 11^1 \bullet 191^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow P5_{-7}(\downarrow P4_{+7})^1} = (1) + \uparrow P5_{+46}(\downarrow P4_{-46})$

$6304 = 2^5 \bullet 197^1 = \mathbf{(1) + \updownarrow 8ve(uni)^5 + \uparrow P5_{+46}(\downarrow P4_{-46})^1} = (1) + \uparrow P5_{+46}(\downarrow P4_{-46})$

$6305 = 5^1 \bullet 13^1 \bullet 97^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow P5_{+20}(\downarrow P4_{-20})^1} = (1) + \uparrow P5_{+47}(\downarrow P4_{-47})$

$6306 = 2^1 \bullet 3^1 \bullet 1051^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow uni_{+45}(\downarrow 8ve_{-45})^1} = (1) + \uparrow P5_{+47}(\downarrow P4_{-47})$

$6307 = 7^1 \bullet 17^1 \bullet 53^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow M6_{-26}(\downarrow m3_{+26})^1} = (1) + \uparrow P5_{+47}(\downarrow P4_{-47})$

$6308 = 2^2 \bullet 19^1 \bullet 83^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow P4_{-50}(\downarrow P5_{+50})^1} = (1) + \uparrow P5_{+48}(\downarrow P4_{-48})$

$6309 = 3^2 \bullet 701^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow P4_{+44}(\downarrow P5_{-44})^1} = (1) + \uparrow P5_{+48}(\downarrow P4_{-48})$

$6310 = 2^1 \bullet 5^1 \bullet 631^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M3_{-38}(\downarrow m6_{+38})^1} = (1) + \uparrow P5_{+48}(\downarrow P4_{-48})$

$6311 = 6311^1 = \mathbf{(1) + \uparrow P5_{+48}(\downarrow P4_{-48})}$

$6312 = 2^3 \bullet 3^1 \bullet 263^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow uni_{+47}(\downarrow 8ve_{-47})^1} = (1) + \uparrow P5_{+49}(\downarrow P4_{-49})$

$6313 = 59^1 \bullet 107^1 = \mathbf{(1) + \uparrow M7_{-41}(\downarrow m2_{+41})^1 + \uparrow M6_{-10}(\downarrow m3_{+10})^1} = (1) + \uparrow P5_{+49}(\downarrow P4_{-49})$

$6314 = 2^1 \bullet 7^1 \bullet 11^1 \bullet 41^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow M3_{+29}(\downarrow m6_{-29})^1} = (1) + \uparrow P5_{+49}(\downarrow P4_{-49})$

$6315 = 3^1 \bullet 5^1 \bullet 421^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M6_{-39}(\downarrow m3_{+39})^1} = (1) + \uparrow P5_{+49}(\downarrow P4_{-49})$

$6316 = 2^2 \bullet 1579^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+50}(\downarrow P4_{-50})^1} = (1) + \uparrow P5_{+50}(\downarrow P4_{-50})$

$6317 = 6317^1 = \mathbf{(1) + \uparrow m6_{-50}(\downarrow M3_{+50})}$

$6318 = 2^1 \bullet 3^5 \bullet 13^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^5 + \uparrow m6_{+41}(\downarrow M3_{-41})^1} = (1) + \uparrow m6_{-50}(\downarrow M3_{+50})$

$6319 = 71^1 \bullet 89^1 = \mathbf{(1) + \uparrow M2_{-20}(\downarrow m7_{+20})^1 + \uparrow tt_{-29}(\downarrow tt_{+29})^1} = (1) + \uparrow m6_{-49}(\downarrow M3_{+49})$

$6320 = 2^4 \bullet 5^1 \bullet 79^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M3_{-35}(\downarrow m6_{+35})^1} = (1) + \uparrow m6_{-49}(\downarrow M3_{+49})$

$6321 = 3^1 \bullet 7^2 \bullet 43^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^2 + \uparrow P4_{+12}(\downarrow P5_{-12})^1} = (1) + \uparrow m6_{-49}(\downarrow M3_{+49})$

$6322 = 2^1 \bullet 29^1 \bullet 109^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1 + \uparrow M6_{+22}(\downarrow m3_{-22})^1} = (1) + \uparrow m6_{-49}(\downarrow M3_{+49})$

$6323 = 6323^1 = \mathbf{(1) + \uparrow m6_{-48}(\downarrow M3_{+48})}$

$6324 = 2^2 \bullet 3^1 \bullet 17^1 \bullet 31^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow M7_{+45}(\downarrow m2_{-45})^1} = (1) + \uparrow m6_{-48}(\downarrow M3_{+48})$

$6325 = 5^2 \bullet 11^1 \bullet 23^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1} = (1) + \uparrow m6_{-48}(\downarrow M3_{+48})$

$6326 = 2^1 \bullet 3163^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m6_{-48}(\downarrow M3_{+48})^1} = (1) + \uparrow m6_{-48}(\downarrow M3_{+48})$

$6327 = 3^2 \bullet 19^1 \bullet 37^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow m3_{-49}(\downarrow M6_{+49})^1} = (1) + \uparrow m6_{-47}(\downarrow M3_{+47})$

$6328 = 2^3 \bullet 7^1 \bullet 113^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m7_{-16}(\downarrow M2_{+16})^1} = (1) + \uparrow m6_{-47}(\downarrow M3_{+47})$

$6329 = 6329^1 = \mathbf{(1) + \uparrow m6_{-47}(\downarrow M3_{+47})}$

$6330 = 2^1 \bullet 3^1 \bullet 5^1 \bullet 211^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M6_{-35}(\downarrow m3_{+35})^1} = (1) + \uparrow m6_{-46}(\downarrow M3_{+46})$

$6331 = 13^{1}\bullet 487^{1} = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow M7_{+13}(\downarrow m2_{-13})^{1}} = (1) + \uparrow m6_{-46}(\downarrow M3_{+46})$

$6332 = 2^{2}\bullet 1583^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m6_{-46}(\downarrow M3_{+46})^{1}} = (1) + \uparrow m6_{-46}(\downarrow M3_{+46})$

$6333 = 3^{1}\bullet 2111^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m2_{-48}(\downarrow M7_{+48})^{1}} = (1) + \uparrow m6_{-46}(\downarrow M3_{+46})$

$6334 = 2^{1}\bullet 3167^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m6_{-45}(\downarrow M3_{+45})^{1}} = (1) + \uparrow m6_{-45}(\downarrow M3_{+45})$

$6335 = 5^{1}\bullet 7^{1}\bullet 181^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow tt_{+0}(\downarrow tt_{-0})^{1}} = (1) + \uparrow m6_{-45}(\downarrow M3_{+45})$

$6336 = 2^{6}\bullet 3^{2}\bullet 11^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{6} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1}} = (1) + \uparrow m6_{-45}(\downarrow M3_{+45})$

$6337 = 6337^{1} = \mathbf{(1) + \uparrow m6_{-44}(\downarrow M3_{+44})}$

$6338 = 2^{1}\bullet 3169^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m6_{-44}(\downarrow M3_{+44})^{1}} = (1) + \uparrow m6_{-44}(\downarrow M3_{+44})$

$6339 = 3^{1}\bullet 2113^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m2_{-46}(\downarrow M7_{+46})^{1}} = (1) + \uparrow m6_{-44}(\downarrow M3_{+44})$

$6340 = 2^{2}\bullet 5^{1}\bullet 317^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M3_{-30}(\downarrow m6_{+30})^{1}} = (1) + \uparrow m6_{-44}(\downarrow M3_{+44})$

$6341 = 17^{1}\bullet 373^{1} = \mathbf{(1) + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow P5_{-48}(\downarrow P4_{+48})^{1}} = (1) + \uparrow m6_{-43}(\downarrow M3_{+43})$

$6342 = 2^{1}\bullet 3^{1}\bullet 7^{1}\bullet 151^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m3_{-14}(\downarrow M6_{+14})^{1}} = (1) + \uparrow m6_{-43}(\downarrow M3_{+43})$

$6343 = 6343^{1} = \mathbf{(1) + \uparrow m6_{-43}(\downarrow M3_{+43})}$

$6344 = 2^{3}\bullet 13^{1}\bullet 61^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow M7_{+17}(\downarrow m2_{-17})^{1}} = (1) + \uparrow m6_{-43}(\downarrow M3_{+43})$

$6345 = 3^{3}\bullet 5^{1}\bullet 47^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow P5_{-34}(\downarrow P4_{+34})^{1}} = (1) + \uparrow m6_{-42}(\downarrow M3_{+42})$

$6346 = 2^{1}\bullet 19^{1}\bullet 167^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow P4_{-40}(\downarrow P5_{+40})^{1}} = (1) + \uparrow m6_{-42}(\downarrow M3_{+42})$

$6347 = 11^{1}\bullet 577^{1} = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow M2_{+7}(\downarrow m7_{-7})^{1}} = (1) + \uparrow m6_{-42}(\downarrow M3_{+42})$

$6348 = 2^{2}\bullet 3^{1}\bullet 23^{2} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{2}} = (1) + \uparrow m6_{-41}(\downarrow M3_{+41})$

$6349 = 7^{1}\bullet 907^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m7_{-10}(\downarrow M2_{+10})^{1}} = (1) + \uparrow m6_{-41}(\downarrow M3_{+41})$

$6350 = 2^{1}\bullet 5^{2}\bullet 127^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow 8ve_{-14}(\downarrow uni_{+14})^{1}} = (1) + \uparrow m6_{-41}(\downarrow M3_{+41})$

$6351 = 3^{1}\bullet 29^{1}\bullet 73^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1} + \uparrow M2_{+28}(\downarrow m7_{-28})^{1}} = (1) + \uparrow m6_{-41}(\downarrow M3_{+41})$

$6352 = 2^{4}\bullet 397^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow m6_{-40}(\downarrow M3_{+40})^{1}} = (1) + \uparrow m6_{-40}(\downarrow M3_{+40})$

$6353 = 6353^{1} = \mathbf{(1) + \uparrow m6_{-40}(\downarrow M3_{+40})}$

$6354 = 2^{1}\bullet 3^{2}\bullet 353^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow tt_{-44}(\downarrow tt_{+44})^{1}} = (1) + \uparrow m6_{-40}(\downarrow M3_{+40})$

$6355 = 5^{1}\bullet 31^{1}\bullet 41^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1} + \uparrow M3_{+29}(\downarrow m6_{-29})^{1}} = (1) + \uparrow m6_{-40}(\downarrow M3_{+40})$

$6356 = 2^{2}\bullet 7^{1}\bullet 227^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m7_{-8}(\downarrow M2_{+8})^{1}} = (1) + \uparrow m6_{-39}(\downarrow M3_{+39})$

$6357 = 3^{1}\bullet 13^{1}\bullet 163^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow M3_{+18}(\downarrow m6_{-18})^{1}} = (1) + \uparrow m6_{-39}(\downarrow M3_{+39})$

$6358 = 2^{1}\bullet 11^{1}\bullet 17^{2} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{2}} = (1) + \uparrow m6_{-39}(\downarrow M3_{+39})$

$6359 = 6359^{1} = \mathbf{(1) + \uparrow m6_{-38}(\downarrow M3_{+38})}$

$6360 = 2^{3}\bullet 3^{1}\bullet 5^{1}\bullet 53^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M6_{-26}(\downarrow m3_{+26})^{1}} = (1) + \uparrow m6_{-38}(\downarrow M3_{+38})$

$6361 = 6361^{1} = \mathbf{(1) + \uparrow m6_{-38}(\downarrow M3_{+38})}$

$6362 = 2^{1}\bullet 3181^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m6_{-38}(\downarrow M3_{+38})^{1}} = (1) + \uparrow m6_{-38}(\downarrow M3_{+38})$

$6363 = 3^{2}\bullet 7^{1}\bullet 101^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m6_{-10}(\downarrow M3_{+10})^{1}} = (1) + \uparrow m6_{-37}(\downarrow M3_{+37})$

$6364 = 2^{2}\bullet 37^{1}\bullet 43^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m3_{-49}(\downarrow M6_{+49})^{1} + \uparrow P4_{+12}(\downarrow P5_{-12})^{1}} = (1) + \uparrow m6_{-37}(\downarrow M3_{+37})$

$6365 = 5^{1}\bullet 19^{1}\bullet 67^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow m2_{-21}(\downarrow M7_{+21})^{1}} = (1) + \uparrow m6_{-37}(\downarrow M3_{+37})$

$6366 = 2^{1}\bullet 3^{1}\bullet 1061^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m2_{-39}(\downarrow M7_{+39})^{1}} = (1) + \uparrow m6_{-37}(\downarrow M3_{+37})$

$6367 = 6367^{1} = \mathbf{(1) + \uparrow m6_{-36}(\downarrow M3_{+36})}$

$6368 = 2^{5}\bullet 199^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{5} + \uparrow m6_{-36}(\downarrow M3_{+36})^{1}} = (1) + \uparrow m6_{-36}(\downarrow M3_{+36})$

$6369 = 3^{1}\bullet 11^{1}\bullet 193^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow P5_{+11}(\downarrow P4_{-11})^{1}} = (1) + \uparrow m6_{-36}(\downarrow M3_{+36})$

$6370 = 2^{1}\bullet 5^{1}\bullet 7^{2}\bullet 13^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{2} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1}} = (1) + \uparrow m6_{-36}(\downarrow M3_{+36})$

$6371 = 23^{1}\bullet 277^{1} = \mathbf{(1) + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow m2_{+36}(\downarrow M7_{-36})^{1}} = (1) + \uparrow m6_{-35}(\downarrow M3_{+35})$

$6372 = 2^{2}\bullet 3^{3}\bullet 59^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow M7_{-41}(\downarrow m2_{+41})^{1}} = (1) + \uparrow m6_{-35}(\downarrow M3_{+35})$

$6373 = 6373^{1} = \mathbf{(1) + \uparrow m6_{-35}(\downarrow M3_{+35})}$

$6374 = 2^{1}\bullet 3187^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m6_{-34}(\downarrow M3_{+34})^{1}} = (1) + \uparrow m6_{-34}(\downarrow M3_{+34})$

$6375 = 3^{1}\bullet 5^{3}\bullet 17^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{3} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1}} = (1) + \uparrow m6_{-34}(\downarrow M3_{+34})$

$6376 = 2^{3}\bullet 797^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow m6_{-34}(\downarrow M3_{+34})^{1}} = (1) + \uparrow m6_{-34}(\downarrow M3_{+34})$

$6377 = 7^{1}\bullet 911^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m7_{-2}(\downarrow M2_{+2})^{1}} = (1) + \uparrow m6_{-34}(\downarrow M3_{+34})$

$6378 = 2^{1}\bullet 3^{1}\bullet 1063^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m2_{-35}(\downarrow M7_{+35})^{1}} = (1) + \uparrow m6_{-33}(\downarrow M3_{+33})$

$6379 = 6379^{1} = \mathbf{(1) + \uparrow m6_{-33}(\downarrow M3_{+33})}$

$6380 = 2^{2}\bullet 5^{1}\bullet 11^{1}\bullet 29^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1}} = (1) + \uparrow m6_{-33}(\downarrow M3_{+33})$

$6381 = 3^{2}\bullet 709^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow tt_{-36}(\downarrow tt_{+36})^{1}} = (1) + \uparrow m6_{-33}(\downarrow M3_{+33})$

$6382 = 2^{1}\bullet 3191^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m6_{-32}(\downarrow M3_{+32})^{1}} = (1) + \uparrow m6_{-32}(\downarrow M3_{+32})$

$6383 = 13^{1}\bullet 491^{1} = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow M7_{+27}(\downarrow m2_{-27})^{1}} = (1) + \uparrow m6_{-32}(\downarrow M3_{+32})$

$6384 = 2^{4}\bullet 3^{1}\bullet 7^{1}\bullet 19^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1}} = (1) + \uparrow m6_{-32}(\downarrow M3_{+32})$

$6385 = 5^{1}\bullet 1277^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M3_{-18}(\downarrow m6_{+18})^{1}} = (1) + \uparrow m6_{-31}(\downarrow M3_{+31})$

$6386 = 2^{1}\bullet 31^{1}\bullet 103^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1} + \uparrow m6_{+24}(\downarrow M3_{-24})^{1}} = (1) + \uparrow m6_{-31}(\downarrow M3_{+31})$

$6387 = 3^{1}\bullet 2129^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m2_{-33}(\downarrow M7_{+33})^{1}} = (1) + \uparrow m6_{-31}(\downarrow M3_{+31})$

$6388 = 2^{2}\bullet 1597^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m6_{-31}(\downarrow M3_{+31})^{1}} = (1) + \uparrow m6_{-31}(\downarrow M3_{+31})$

$6389 = 6389^{1} = \mathbf{(1) + \uparrow m6_{-30}(\downarrow M3_{+30})}$

$6390 = 2^{1}\bullet 3^{2}\bullet 5^{1}\bullet 71^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M2_{-20}(\downarrow m7_{+20})^{1}} = (1) + \uparrow m6_{-30}(\downarrow M3_{+30})$

$6391 = 7^{1}\bullet 11^{1}\bullet 83^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow P4_{-50}(\downarrow P5_{+50})^{1}} = (1) + \uparrow m6_{-30}(\downarrow M3_{+30})$

$6392 = 2^{3}\bullet 17^{1}\bullet 47^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow P5_{-34}(\downarrow P4_{+34})^{1}} = (1) + \uparrow m6_{-30}(\downarrow M3_{+30})$

$6393 = 3^{1}\bullet 2131^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m2_{-31}(\downarrow M7_{+31})^{1}} = (1) + \uparrow m6_{-29}(\downarrow M3_{+29})$

$6394 = 2^{1}\bullet 23^{1}\bullet 139^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow m2_{+43}(\downarrow M7_{-43})^{1}} = (1) + \uparrow m6_{-29}(\downarrow M3_{+29})$

$6395 = 5^{1}\bullet 1279^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M3_{-15}(\downarrow m6_{+15})^{1}} = (1) + \uparrow m6_{-29}(\downarrow M3_{+29})$

$6396 = 2^{2}\bullet 3^{1}\bullet 13^{1}\bullet 41^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow M3_{+29}(\downarrow m6_{-29})^{1}} = (1) + \uparrow m6_{-28}(\downarrow M3_{+28})$

$6397 = 6397^{1} = \mathbf{(1) + \uparrow m6_{-28}(\downarrow M3_{+28})}$

$6398 = 2^{1}\bullet 7^{1}\bullet 457^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m7_{+3}(\downarrow M2_{-3})^{1}} = (1) + \uparrow m6_{-28}(\downarrow M3_{+28})$

$6399 = 3^{4}\bullet 79^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{4} + \uparrow M3_{-35}(\downarrow m6_{+35})^{1}} = (1) + \uparrow m6_{-28}(\downarrow M3_{+28})$

$6400 = 2^{8}\bullet 5^{2} = \mathbf{(1) + \updownarrow 8ve(uni)^{8} + \uparrow M3_{-14}(\downarrow m6_{+14})^{2}} = (1) + \uparrow m6_{-27}(\downarrow M3_{+27})$

$6401 = 37^{1}\bullet 173^{1} = \mathbf{(1) + \uparrow m3_{-49}(\downarrow M6_{+49})^{1} + \uparrow P4_{+22}(\downarrow P5_{-22})^{1}} = (1) + \uparrow m6_{-27}(\downarrow M3_{+27})$

$6402 = 2^{1}\bullet 3^{1}\bullet 11^{1}\bullet 97^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow P5_{+20}(\downarrow P4_{-20})^{1}} = (1) + \uparrow m6_{-27}(\downarrow M3_{+27})$

$6403 = 19^{1}\bullet 337^{1} = \mathbf{(1) + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow P4_{-24}(\downarrow P5_{+24})^{1}} = (1) + \uparrow m6_{-27}(\downarrow M3_{+27})$

$6404 = 2^{2}\bullet 1601^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m6_{-26}(\downarrow M3_{+26})^{1}} = (1) + \uparrow m6_{-26}(\downarrow M3_{+26})$

$6405 = 3^{1}\bullet 5^{1}\bullet 7^{1}\bullet 61^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M7_{+17}(\downarrow m2_{-17})^{1}} = (1) + \uparrow m6_{-26}(\downarrow M3_{+26})$

$6406 = 2^{1}\bullet 3203^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m6_{-26}(\downarrow M3_{+26})^{1}} = (1) + \uparrow m6_{-26}(\downarrow M3_{+26})$

$6407 = 43^{1}\bullet 149^{1} = \mathbf{(1) + \uparrow P4_{+12}(\downarrow P5_{-12})^{1} + \uparrow m3_{-37}(\downarrow M6_{+37})^{1}} = (1) + \uparrow m6_{-25}(\downarrow M3_{+25})$

$6408 = 2^{3}\bullet 3^{2}\bullet 89^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow tt_{-29}(\downarrow tt_{+29})^{1}} = (1) + \uparrow m6_{-25}(\downarrow M3_{+25})$

$6409 = 13^{1}\bullet 17^{1}\bullet 29^{1} = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1}} = (1) + \uparrow m6_{-25}(\downarrow M3_{+25})$

$6410 = 2^{1}\bullet 5^{1}\bullet 641^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M3_{-11}(\downarrow m6_{+11})^{1}} = (1) + \uparrow m6_{-25}(\downarrow M3_{+25})$

$6411 = 3^{1}\bullet 2137^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m2_{-26}(\downarrow M7_{+26})^{1}} = (1) + \uparrow m6_{-24}(\downarrow M3_{+24})$

$6412 = 2^{2}\bullet 7^{1}\bullet 229^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m7_{+7}(\downarrow M2_{-7})^{1}} = (1) + \uparrow m6_{-24}(\downarrow M3_{+24})$

$6413 = 11^{2}\bullet 53^{1} = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^{2} + \uparrow M6_{-26}(\downarrow m3_{+26})^{1}} = (1) + \uparrow m6_{-24}(\downarrow M3_{+24})$

$6414 = 2^{1}\bullet 3^{1}\bullet 1069^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m2_{-26}(\downarrow M7_{+26})^{1}} = (1) + \uparrow m6_{-24}(\downarrow M3_{+24})$

$6415 = 5^{1}\bullet 1283^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M3_{-10}(\downarrow m6_{+10})^{1}} = (1) + \uparrow m6_{-23}(\downarrow M3_{+23})$

$6416 = 2^{4}\bullet 401^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow m6_{-23}(\downarrow M3_{+23})^{1}} = (1) + \uparrow m6_{-23}(\downarrow M3_{+23})$

$6417 = 3^{2}\bullet 23^{1}\bullet 31^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1}} = (1) + \uparrow m6_{-23}(\downarrow M3_{+23})$

$6418 = 2^{1}\bullet 3209^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m6_{-23}(\downarrow M3_{+23})^{1}} = (1) + \uparrow m6_{-23}(\downarrow M3_{+23})$

$6419 = 7^{2}\bullet 131^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{2} + \uparrow uni_{+40}(\downarrow 8ve_{-40})^{1}} = (1) + \uparrow m6_{-22}(\downarrow M3_{+22})$

$6420 = 2^{2}\bullet 3^{1}\bullet 5^{1}\bullet 107^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M6_{-10}(\downarrow m3_{+10})^{1}} = (1) + \uparrow m6_{-22}(\downarrow M3_{+22})$

$6421 = 6421^{1} = \mathbf{(1) + \uparrow m6_{-22}(\downarrow M3_{+22})}$

$6422 = 2^{1}\bullet 13^{2}\bullet 19^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{2} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1}} = (1) + \uparrow m6_{-21}(\downarrow M3_{+21})$

$6423 = 3^{1}\bullet 2141^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m2_{-23}(\downarrow M7_{+23})^{1}} = (1) + \uparrow m6_{-21}(\downarrow M3_{+21})$

$6424 = 2^{3}\bullet 11^{1}\bullet 73^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow M2_{+28}(\downarrow m7_{-28})^{1}} = (1) + \uparrow m6_{-21}(\downarrow M3_{+21})$

$6425 = 5^{2}\bullet 257^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow uni_{+7}(\downarrow 8ve_{-7})^{1}} = (1) + \uparrow m6_{-21}(\downarrow M3_{+21})$

$6426 = 2^{1}\bullet 3^{3}\bullet 7^{1}\bullet 17^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1}} = (1) + \uparrow m6_{-20}(\downarrow M3_{+20})$

$6427 = 6427^{1} = \mathbf{(1) + \uparrow m6_{-20}(\downarrow M3_{+20})}$

$6428 = 2^{2}\bullet 1607^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m6_{-20}(\downarrow M3_{+20})^{1}} = (1) + \uparrow m6_{-20}(\downarrow M3_{+20})$

$6429 = 3^{1}\bullet 2143^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m2_{-22}(\downarrow M7_{+22})^{1}} = (1) + \uparrow m6_{-20}(\downarrow M3_{+20})$

$6430 = 2^{1}\bullet 5^{1}\bullet 643^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M3_{-6}(\downarrow m6_{+6})^{1}} = (1) + \uparrow m6_{-19}(\downarrow M3_{+19})$

$6431 = 59^{1}\bullet 109^{1} = \mathbf{(1) + \uparrow M7_{-41}(\downarrow m2_{+41})^{1} + \uparrow M6_{+22}(\downarrow m3_{-22})^{1}} = (1) + \uparrow m6_{-19}(\downarrow M3_{+19})$

$6432 = 2^{5}\bullet 3^{1}\bullet 67^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{5} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m2_{-21}(\downarrow M7_{+21})^{1}} = (1) + \uparrow m6_{-19}(\downarrow M3_{+19})$

$6433 = 7^{1}\bullet 919^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m7_{+13}(\downarrow M2_{-13})^{1}} = (1) + \uparrow m6_{-18}(\downarrow M3_{+18})$

$6434 = 2^{1}\bullet 3217^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m6_{-18}(\downarrow M3_{+18})^{1}} = (1) + \uparrow m6_{-18}(\downarrow M3_{+18})$

$6435 = 3^{2}\bullet 5^{1}\bullet 11^{1}\bullet 13^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1}} = (1) + \uparrow m6_{-18}(\downarrow M3_{+18})$

$6436 = 2^{2}\bullet 1609^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m6_{-18}(\downarrow M3_{+18})^{1}} = (1) + \uparrow m6_{-18}(\downarrow M3_{+18})$

$6437 = 41^{1}\bullet 157^{1} = \mathbf{(1) + \uparrow M3_{+29}(\downarrow m6_{-29})^{1} + \uparrow M3_{-46}(\downarrow m6_{+46})^{1}} = (1) + \uparrow m6_{-17}(\downarrow M3_{+17})$

$6438 = 2^{1}\bullet 3^{1}\bullet 29^{1}\bullet 37^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1} + \uparrow m3_{-49}(\downarrow M6_{+49})^{1}} = (1) + \uparrow m6_{-17}(\downarrow M3_{+17})$

$6439 = 47^{1}\bullet 137^{1} = \mathbf{(1) + \uparrow P5_{-34}(\downarrow P4_{+34})^{1} + \uparrow m2_{+18}(\downarrow M7_{-18})^{1}} = (1) + \uparrow m6_{-17}(\downarrow M3_{+17})$

$6440 = 2^{3}\bullet 5^{1}\bullet 7^{1}\bullet 23^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1}} = (1) + \uparrow m6_{-17}(\downarrow M3_{+17})$

$6441 = 3^{1}\bullet 19^{1}\bullet 113^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow m7_{-16}(\downarrow M2_{+16})^{1}} = (1) + \uparrow m6_{-16}(\downarrow M3_{+16})$

$6442 = 2^{1}\bullet 3221^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m6_{-16}(\downarrow M3_{+16})^{1}} = (1) + \uparrow m6_{-16}(\downarrow M3_{+16})$

$6443 = 17^{1}\bullet 379^{1} = \mathbf{(1) + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow P5_{-21}(\downarrow P4_{+21})^{1}} = (1) + \uparrow m6_{-16}(\downarrow M3_{+16})$

$6444 = 2^{2}\bullet 3^{2}\bullet 179^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow tt_{-19}(\downarrow tt_{+19})^{1}} = (1) + \uparrow m6_{-16}(\downarrow M3_{+16})$

$6445 = 5^{1}\bullet 1289^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M3_{-2}(\downarrow m6_{+2})^{1}} = (1) + \uparrow m6_{-15}(\downarrow M3_{+15})$

$6446 = 2^{1}\bullet 11^{1}\bullet 293^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow M2_{+34}(\downarrow m7_{-34})^{1}} = (1) + \uparrow m6_{-15}(\downarrow M3_{+15})$

$6447 = 3^{1}\bullet 7^{1}\bullet 307^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m3_{+15}(\downarrow M6_{-15})^{1}} = (1) + \uparrow m6_{-15}(\downarrow M3_{+15})$

$6448 = 2^{4}\bullet 13^{1}\bullet 31^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1}} = (1) + \uparrow m6_{-14}(\downarrow M3_{+14})$

$6449 = 6449^{1} = \mathbf{(1) + \uparrow m6_{-14}(\downarrow M3_{+14})}$

$6450 = 2^{1}\bullet 3^{1}\bullet 5^{2}\bullet 43^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow P4_{+12}(\downarrow P5_{-12})^{1}} = (1) + \uparrow m6_{-14}(\downarrow M3_{+14})$

$6451 = 6451^{1} = \mathbf{(1) + \uparrow m6_{-14}(\downarrow M3_{+14})}$

$6452 = 2^{2}\bullet 1613^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m6_{-13}(\downarrow M3_{+13})^{1}} = (1) + \uparrow m6_{-13}(\downarrow M3_{+13})$

$6453 = 3^{3}\bullet 239^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow M7_{-19}(\downarrow m2_{+19})^{1}} = (1) + \uparrow m6_{-13}(\downarrow M3_{+13})$

$6454 = 2^{1}\bullet 7^{1}\bullet 461^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m7_{+18}(\downarrow M2_{-18})^{1}} = (1) + \uparrow m6_{-13}(\downarrow M3_{+13})$

$6455 = 5^{1}\bullet 1291^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M3_{+1}(\downarrow m6_{-1})^{1}} = (1) + \uparrow m6_{-13}(\downarrow M3_{+13})$

$6456 = 2^{3}\bullet 3^{1}\bullet 269^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m2_{-14}(\downarrow M7_{+14})^{1}} = (1) + \uparrow m6_{-12}(\downarrow M3_{+12})$

$6457 = 11^{1}\bullet 587^{1} = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow M2_{+37}(\downarrow m7_{-37})^{1}} = (1) + \uparrow m6_{-12}(\downarrow M3_{+12})$

$6458 = 2^{1}\bullet 3229^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m6_{-12}(\downarrow M3_{+12})^{1}} = (1) + \uparrow m6_{-12}(\downarrow M3_{+12})$

$6459 = 3^{1}\bullet 2153^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m2_{-13}(\downarrow M7_{+13})^{1}} = (1) + \uparrow m6_{-11}(\downarrow M3_{+11})$

$6460 = 2^{2}\bullet 5^{1}\bullet 17^{1}\bullet 19^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1}} = (1) + \uparrow m6_{-11}(\downarrow M3_{+11})$

$6461 = 7^{1}\bullet 13^{1}\bullet 71^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow M2_{-20}(\downarrow m7_{+20})^{1}} = (1) + \uparrow m6_{-11}(\downarrow M3_{+11})$

$6462 = 2^{1}\bullet 3^{2}\bullet 359^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow tt_{-15}(\downarrow tt_{+15})^{1}} = (1) + \uparrow m6_{-11}(\downarrow M3_{+11})$

$6463 = 23^{1}\bullet 281^{1} = \mathbf{(1) + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow M2_{-39}(\downarrow m7_{+39})^{1}} = (1) + \uparrow m6_{-10}(\downarrow M3_{+10})$

$6464 = 2^{6}\bullet 101^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{6} + \uparrow m6_{-10}(\downarrow M3_{+10})^{1}} = (1) + \uparrow m6_{-10}(\downarrow M3_{+10})$

$6465 = 3^{1}\bullet 5^{1}\bullet 431^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M6_{+2}(\downarrow m3_{-2})^{1}} = (1) + \uparrow m6_{-10}(\downarrow M3_{+10})$

$6466 = 2^{1}\bullet 53^{1}\bullet 61^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M6_{-26}(\downarrow m3_{+26})^{1} + \uparrow M7_{+17}(\downarrow m2_{-17})^{1}} = (1) + \uparrow m6_{-10}(\downarrow M3_{+10})$

$6467 = 29^{1}\bullet 223^{1} = \mathbf{(1) + \uparrow m7_{+30}(\downarrow M2_{-30})^{1} + \uparrow m7_{-39}(\downarrow M2_{+39})^{1}} = (1) + \uparrow m6_{-9}(\downarrow M3_{+9})$

$6468 = 2^{2}\bullet 3^{1}\bullet 7^{2}\bullet 11^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{2} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1}} = (1) + \uparrow m6_{-9}(\downarrow M3_{+9})$

$6469 = 6469^{1} = \mathbf{(1) + \uparrow m6_{-9}(\downarrow M3_{+9})}$

$6470 = 2^{1}\bullet 5^{1}\bullet 647^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M3_{+5}(\downarrow m6_{-5})^{1}} = (1) + \uparrow m6_{-9}(\downarrow M3_{+9})$

$6471 = 3^{2}\bullet 719^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow tt_{-12}(\downarrow tt_{+12})^{1}} = (1) + \uparrow m6_{-8}(\downarrow M3_{+8})$

$6472 = 2^{3}\bullet 809^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow m6_{-8}(\downarrow M3_{+8})^{1}} = (1) + \uparrow m6_{-8}(\downarrow M3_{+8})$

$6473 = 6473^{1} = \mathbf{(1) + \uparrow m6_{-8}(\downarrow M3_{+8})}$

$6474 = 2^{1}\bullet 3^{1}\bullet 13^{1}\bullet 83^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow P4_{-50}(\downarrow P5_{+50})^{1}} = (1) + \uparrow m6_{-7}(\downarrow M3_{+7})$

$6475 = 5^{2}\bullet 7^{1}\bullet 37^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m3_{-49}(\downarrow M6_{+49})^{1}} = (1) + \uparrow m6_{-7}(\downarrow M3_{+7})$

$6476 = 2^{2}\bullet 1619^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m6_{-7}(\downarrow M3_{+7})^{1}} = (1) + \uparrow m6_{-7}(\downarrow M3_{+7})$

$6477 = 3^{1}\bullet 17^{1}\bullet 127^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow 8ve_{-14}(\downarrow uni_{+14})^{1}} = (1) + \uparrow m6_{-7}(\downarrow M3_{+7})$

$6478 = 2^{1}\bullet 41^{1}\bullet 79^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{+29}(\downarrow m6_{-29})^{1} + \uparrow M3_{-35}(\downarrow m6_{+35})^{1}} = (1) + \uparrow m6_{-6}(\downarrow M3_{+6})$

$6479 = 11^{1}\bullet 19^{1}\bullet 31^{1} = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1}} = (1) + \uparrow m6_{-6}(\downarrow M3_{+6})$

$6480 = 2^{4}\bullet 3^{4}\bullet 5^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow P5_{+2}(\downarrow P4_{-2})^{4} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1}} = (1) + \uparrow m6_{-6}(\downarrow M3_{+6})$

$6481 = 6481^{1} = \mathbf{(1) + \uparrow m6_{-6}(\downarrow M3_{+6})}$

$6482 = 2^{1}\bullet 7^{1}\bullet 463^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m7_{+26}(\downarrow M2_{-26})^{1}} = (1) + \uparrow m6_{-5}(\downarrow M3_{+5})$

$6483 = 3^{1}\bullet 2161^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m2_{-7}(\downarrow M7_{+7})^{1}} = (1) + \uparrow m6_{-5}(\downarrow M3_{+5})$

$6484 = 2^{2}\bullet 1621^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m6_{-5}(\downarrow M3_{+5})^{1}} = (1) + \uparrow m6_{-5}(\downarrow M3_{+5})$

$6485 = 5^{1}\bullet 1297^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M3_{+9}(\downarrow m6_{-9})^{1}} = (1) + \uparrow m6_{-5}(\downarrow M3_{+5})$

$6486 = 2^{1}\bullet 3^{1}\bullet 23^{1}\bullet 47^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow P5_{-34}(\downarrow P4_{+34})^{1}} = (1) + \uparrow m6_{-4}(\downarrow M3_{+4})$

$6487 = 13^{1}\bullet 499^{1} = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow 8ve_{-45}(\downarrow uni_{+45})^{1}} = (1) + \uparrow m6_{-4}(\downarrow M3_{+4})$

$6488 = 2^{3}\bullet 811^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow m6_{-4}(\downarrow M3_{+4})^{1}} = (1) + \uparrow m6_{-4}(\downarrow M3_{+4})$

$6489 = 3^{2}\bullet 7^{1}\bullet 103^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m6_{+24}(\downarrow M3_{-24})^{1}} = (1) + \uparrow m6_{-3}(\downarrow M3_{+3})$

$6490 = 2^{1}\bullet 5^{1}\bullet 11^{1}\bullet 59^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow M7_{-41}(\downarrow m2_{+41})^{1}} = (1) + \uparrow m6_{-3}(\downarrow M3_{+3})$

$6491 = 6491^{1} = \mathbf{(1) + \uparrow m6_{-3}(\downarrow M3_{+3})}$

$6492 = 2^{2}\bullet 3^{1}\bullet 541^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m2_{-5}(\downarrow M7_{+5})^{1}} = (1) + \uparrow m6_{-3}(\downarrow M3_{+3})$

$6493 = 43^{1}\bullet 151^{1} = \mathbf{(1) + \uparrow P4_{+12}(\downarrow P5_{-12})^{1} + \uparrow m3_{-14}(\downarrow M6_{+14})^{1}} = (1) + \uparrow m6_{-2}(\downarrow M3_{+2})$

$6494 = 2^{1}\bullet 17^{1}\bullet 191^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow P5_{-7}(\downarrow P4_{+7})^{1}} = (1) + \uparrow m6_{-2}(\downarrow M3_{+2})$

$6495 = 3^{1}\bullet 5^{1}\bullet 433^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M6_{+10}(\downarrow m3_{-10})^{1}} = (1) + \uparrow m6_{-2}(\downarrow M3_{+2})$

$6496 = 2^{5}\bullet 7^{1}\bullet 29^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{5} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1}} = (1) + \uparrow m6_{-2}(\downarrow M3_{+2})$

$6497 = 73^{1}\bullet 89^{1} = \mathbf{(1) + \uparrow M2_{+28}(\downarrow m7_{-28})^{1} + \uparrow tt_{-29}(\downarrow tt_{+29})^{1}} = (1) + \uparrow m6_{-1}(\downarrow M3_{+1})$

$6498 = 2^{1}\bullet 3^{2}\bullet 19^{2} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m3_{-2}(\downarrow M6_{+2})^{2}} = (1) + \uparrow m6_{-1}(\downarrow M3_{+1})$

$6499 = 67^1 \bullet 97^1 = \mathbf{(1) + \uparrow m2_{-21}(\downarrow M7_{+21})^1 + \uparrow P5_{+20}(\downarrow P4_{-20})^1} = (1) + \uparrow m6_{-1}(\downarrow M3_{+1})$

$6500 = 2^2 \bullet 5^3 \bullet 13^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^3 + \uparrow m6_{+41}(\downarrow M3_{-41})^1} = (1) + \uparrow m6_{-1}(\downarrow M3_{+1})$

$6501 = 3^1 \bullet 11^1 \bullet 197^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow P5_{+46}(\downarrow P4_{-46})^1} = (1) + \uparrow m6_{+0}(\downarrow M3_{-0})$

$6502 = 2^1 \bullet 3251^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m6_{+0}(\downarrow M3_{-0})^1} = (1) + \uparrow m6_{+0}(\downarrow M3_{-0})$

$6503 = 7^1 \bullet 929^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m7_{+31}(\downarrow M2_{-31})^1} = (1) + \uparrow m6_{+0}(\downarrow M3_{-0})$

$6504 = 2^3 \bullet 3^1 \bullet 271^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m2_{-1}(\downarrow M7_{+1})^1} = (1) + \uparrow m6_{+1}(\downarrow M3_{-1})$

$6505 = 5^1 \bullet 1301^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M3_{+14}(\downarrow m6_{-14})^1} = (1) + \uparrow m6_{+1}(\downarrow M3_{-1})$

$6506 = 2^1 \bullet 3253^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m6_{+1}(\downarrow M3_{-1})^1} = (1) + \uparrow m6_{+1}(\downarrow M3_{-1})$

$6507 = 3^3 \bullet 241^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow M7_{-5}(\downarrow m2_{+5})^1} = (1) + \uparrow m6_{+1}(\downarrow M3_{-1})$

$6508 = 2^2 \bullet 1627^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m6_{+2}(\downarrow M3_{-2})^1} = (1) + \uparrow m6_{+2}(\downarrow M3_{-2})$

$6509 = 23^1 \bullet 283^1 = \mathbf{(1) + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow M2_{-26}(\downarrow m7_{+26})^1} = (1) + \uparrow m6_{+2}(\downarrow M3_{-2})$

$6510 = 2^1 \bullet 3^1 \bullet 5^1 \bullet 7^1 \bullet 31^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M7_{+45}(\downarrow m2_{-45})^1} =$
$(1) + \uparrow m6_{+2}(\downarrow M3_{-2})$

$6511 = 17^1 \bullet 383^1 = \mathbf{(1) + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow P5_{-3}(\downarrow P4_{+3})^1} = (1) + \uparrow m6_{+2}(\downarrow M3_{-2})$

$6512 = 2^4 \bullet 11^1 \bullet 37^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m3_{-49}(\downarrow M6_{+49})^1} = (1) + \uparrow m6_{+3}(\downarrow M3_{-3})$

$6513 = 3^1 \bullet 13^1 \bullet 167^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow P4_{-40}(\downarrow P5_{+40})^1} = (1) + \uparrow m6_{+3}(\downarrow M3_{-3})$

$6514 = 2^1 \bullet 3257^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m6_{+3}(\downarrow M3_{-3})^1} = (1) + \uparrow m6_{+3}(\downarrow M3_{-3})$

$6515 = 5^1 \bullet 1303^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M3_{+17}(\downarrow m6_{-17})^1} = (1) + \uparrow m6_{+3}(\downarrow M3_{-3})$

$6516 = 2^2 \bullet 3^2 \bullet 181^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow tt_{+0}(\downarrow tt_{-0})^1} = (1) + \uparrow m6_{+4}(\downarrow M3_{-4})$

$6517 = 7^3 \bullet 19^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^3 + \uparrow m3_{-2}(\downarrow M6_{+2})^1} = (1) + \uparrow m6_{+4}(\downarrow M3_{-4})$

$6518 = 2^1 \bullet 3259^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m6_{+4}(\downarrow M3_{-4})^1} = (1) + \uparrow m6_{+4}(\downarrow M3_{-4})$

$6519 = 3^1 \bullet 41^1 \bullet 53^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{+29}(\downarrow m6_{-29})^1 + \uparrow M6_{-26}(\downarrow m3_{+26})^1} = (1) + \uparrow m6_{+5}(\downarrow M3_{-5})$

$6520 = 2^3 \bullet 5^1 \bullet 163^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M3_{+18}(\downarrow m6_{-18})^1} = (1) + \uparrow m6_{+5}(\downarrow M3_{-5})$

$6521 = 6521^1 = \mathbf{(1) + \uparrow m6_{+5}(\downarrow M3_{-5})}$

$6522 = 2^1 \bullet 3^1 \bullet 1087^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m2_{+3}(\downarrow M7_{-3})^1} = (1) + \uparrow m6_{+5}(\downarrow M3_{-5})$

$6523 = 11^1 \bullet 593^1 = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m3_{-46}(\downarrow M6_{+46})^1} = (1) + \uparrow m6_{+6}(\downarrow M3_{-6})$

$6524 = 2^2 \bullet 7^1 \bullet 233^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m7_{+37}(\downarrow M2_{-37})^1} = (1) + \uparrow m6_{+6}(\downarrow M3_{-6})$

$6525 = 3^2 \bullet 5^2 \bullet 29^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow m7_{+30}(\downarrow M2_{-30})^1} = (1) + \uparrow m6_{+6}(\downarrow M3_{-6})$

$6526 = 2^1 \bullet 13^1 \bullet 251^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow 8ve_{-34}(\downarrow uni_{+34})^1} = (1) + \uparrow m6_{+6}(\downarrow M3_{-6})$

$6527 = 61^1 \bullet 107^1 = \mathbf{(1) + \uparrow M7_{+17}(\downarrow m2_{-17})^1 + \uparrow M6_{-10}(\downarrow m3_{+10})^1} = (1) + \uparrow m6_{+7}(\downarrow M3_{-7})$

$6528 = 2^7 \bullet 3^1 \bullet 17^1 = \mathbf{(1) + \updownarrow 8ve(uni)^7 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1} = (1) + \uparrow m6_{+7}(\downarrow M3_{-7})$

$6529 = 6529^1 = \mathbf{(1) + \uparrow m6_{+7}(\downarrow M3_{-7})}$

$6530 = 2^1 \bullet 5^1 \bullet 653^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M3_{+21}(\downarrow m6_{-21})^1} = (1) + \uparrow m6_{+7}(\downarrow M3_{-7})$

$6531 = 3^1 \bullet 7^1 \bullet 311^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m3_{+37}(\downarrow M6_{-37})^1} = (1) + \uparrow m6_{+8}(\downarrow M3_{-8})$

$6532 = 2^2 \bullet 23^1 \bullet 71^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow M2_{-20}(\downarrow m7_{+20})^1} = (1) + \uparrow m6_{+8}(\downarrow M3_{-8})$

$6533 = 47^1 \bullet 139^1 = \mathbf{(1) + \uparrow P5_{-34}(\downarrow P4_{+34})^1 + \uparrow m2_{+43}(\downarrow M7_{-43})^1} = (1) + \uparrow m6_{+8}(\downarrow M3_{-8})$

$6534 = 2^1 \bullet 3^3 \bullet 11^2 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow tt_{-49}(\downarrow tt_{+49})^2} = (1) + \uparrow m6_{+9}(\downarrow M3_{-9})$

$6535 = 5^1 \bullet 1307^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M3_{+22}(\downarrow m6_{-22})^1} = (1) + \uparrow m6_{+9}(\downarrow M3_{-9})$

$6536 = 2^3 \bullet 19^1 \bullet 43^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow P4_{+12}(\downarrow P5_{-12})^1} = (1) + \uparrow m6_{+9}(\downarrow M3_{-9})$

$6537 = 3^1 \bullet 2179^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m2_{+7}(\downarrow M7_{-7})^1} = (1) + \uparrow m6_{+9}(\downarrow M3_{-9})$

$6538 = 2^1 \bullet 7^1 \bullet 467^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m7_{+41}(\downarrow M2_{-41})^1} = (1) + \uparrow m6_{+10}(\downarrow M3_{-10})$

$6539 = 13^1 \bullet 503^1 = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow 8ve_{-31}(\downarrow uni_{+31})^1} = (1) + \uparrow m6_{+10}(\downarrow M3_{-10})$

$6540 = 2^2 \bullet 3^1 \bullet 5^1 \bullet 109^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M6_{+22}(\downarrow m3_{-22})^1} = (1) + \uparrow m6_{+10}(\downarrow M3_{-10})$

$6541 = 31^1 \bullet 211^1 = \mathbf{(1) + \uparrow M7_{+45}(\downarrow m2_{-45})^1 + \uparrow M6_{-35}(\downarrow m3_{+35})^1} = (1) + \uparrow m6_{+10}(\downarrow M3_{-10})$

$6542 = 2^1 \bullet 3271^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m6_{+11}(\downarrow M3_{-11})^1} = (1) + \uparrow m6_{+11}(\downarrow M3_{-11})$

$6543 = 3^2 \bullet 727^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow tt_{+7}(\downarrow tt_{-7})^1} = (1) + \uparrow m6_{+11}(\downarrow M3_{-11})$

$6544 = 2^4 \bullet 409^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow m6_{+11}(\downarrow M3_{-11})^1} = (1) + \uparrow m6_{+11}(\downarrow M3_{-11})$

$6545 = 5^1 \bullet 7^1 \bullet 11^1 \bullet 17^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1} = (1) + \uparrow m6_{+11}(\downarrow M3_{-11})$

$6546 = 2^1 \bullet 3^1 \bullet 1091^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m2_{+10}(\downarrow M7_{-10})^1} = (1) + \uparrow m6_{+12}(\downarrow M3_{-12})$

$6547 = 6547^1 = \mathbf{(1) + \uparrow m6_{+12}(\downarrow M3_{-12})}$

$6548 = 2^2 \bullet 1637^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m6_{+12}(\downarrow M3_{-12})^1} = (1) + \uparrow m6_{+12}(\downarrow M3_{-12})$

$6549 = 3^1 \bullet 37^1 \bullet 59^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m3_{-49}(\downarrow M6_{+49})^1 + \uparrow M7_{-41}(\downarrow m2_{+41})^1} = (1) + \uparrow m6_{+12}(\downarrow M3_{-12})$

$6550 = 2^1 \bullet 5^2 \bullet 131^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow uni_{+40}(\downarrow 8ve_{-40})^1} = (1) + \uparrow m6_{+13}(\downarrow M3_{-13})$

$6551 = 6551^1 = \mathbf{(1) + \uparrow m6_{+13}(\downarrow M3_{-13})}$

$6552 = 2^3 \bullet 3^2 \bullet 7^1 \bullet 13^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1} = (1) + \uparrow m6_{+13}(\downarrow M3_{-13})$

$6553 = 6553^1 = \mathbf{(1) + \uparrow m6_{+14}(\downarrow M3_{-14})}$

$6554 = 2^1 \bullet 29^1 \bullet 113^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1 + \uparrow m7_{-16}(\downarrow M2_{+16})^1} = (1) + \uparrow m6_{+14}(\downarrow M3_{-14})$

$6555 = 3^1 \bullet 5^1 \bullet 19^1 \bullet 23^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1} = (1) + \uparrow m6_{+14}(\downarrow M3_{-14})$

$6556 = 2^2 \bullet 11^1 \bullet 149^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m3_{-37}(\downarrow M6_{+37})^1} = (1) + \uparrow m6_{+14}(\downarrow M3_{-14})$

$6557 = 79^1 \bullet 83^1 = \mathbf{(1) + \uparrow M3_{-35}(\downarrow m6_{+35})^1 + \uparrow P4_{-50}(\downarrow P5_{+50})^1} = (1) + \uparrow m6_{+15}(\downarrow M3_{-15})$

$6558 = 2^1 \bullet 3^1 \bullet 1093^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m2_{+13}(\downarrow M7_{-13})^1} = (1) + \uparrow m6_{+15}(\downarrow M3_{-15})$

$6559 = 7^1 \bullet 937^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m7_{+46}(\downarrow M2_{-46})^1} = (1) + \uparrow m6_{+15}(\downarrow M3_{-15})$

$6560 = 2^5 \bullet 5^1 \bullet 41^1 = \mathbf{(1) + \updownarrow 8ve(uni)^5 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M3_{+29}(\downarrow m6_{-29})^1} = (1) + \uparrow m6_{+15}(\downarrow M3_{-15})$

$6561 = 3^8 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^8} = (1) + \uparrow m6_{+16}(\downarrow M3_{-16})$

$6562 = 2^1 \bullet 17^1 \bullet 193^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow P5_{+11}(\downarrow P4_{-11})^1} = (1) + \uparrow m6_{+16}(\downarrow M3_{-16})$

$6563 = 6563^1 = \mathbf{(1) + \uparrow m6_{+16}(\downarrow M3_{-16})}$

$6564 = 2^2 \bullet 3^1 \bullet 547^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m2_{+14}(\downarrow M7_{-14})^1} = (1) + \uparrow m6_{+16}(\downarrow M3_{-16})$

$6565 = 5^1 \bullet 13^1 \bullet 101^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow m6_{-10}(\downarrow M3_{+10})^1} = (1) + \uparrow m6_{+17}(\downarrow M3_{-17})$

$6566 = 2^1 \bullet 7^2 \bullet 67^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^2 + \uparrow m2_{-21}(\downarrow M7_{+21})^1} = (1) + \uparrow m6_{+17}(\downarrow M3_{-17})$

$6567 = 3^1 \bullet 11^1 \bullet 199^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m6_{-36}(\downarrow M3_{+36})^1} = (1) + \uparrow m6_{+17}(\downarrow M3_{-17})$

$6568 = 2^3 \bullet 821^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow m6_{+17}(\downarrow M3_{-17})^1} = (1) + \uparrow m6_{+17}(\downarrow M3_{-17})$

$6569 = 6569^1 = \mathbf{(1) + \uparrow m6_{+18}(\downarrow M3_{-18})}$

$6570 = 2^1 \bullet 3^2 \bullet 5^1 \bullet 73^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M2_{+28}(\downarrow m7_{-28})^1} = (1) + \uparrow m6_{+18}(\downarrow M3_{-18})$

$6571 = 6571^1 = \mathbf{(1) + \uparrow m6_{+18}(\downarrow M3_{-18})}$

$6572 = 2^2 \bullet 31^1 \bullet 53^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M7_{+45}(\downarrow m2_{-45})^1 + \uparrow M6_{-26}(\downarrow m3_{+26})^1} = (1) + \uparrow m6_{+19}(\downarrow M3_{-19})$

$6573 = 3^1 \bullet 7^1 \bullet 313^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m3_{+48}(\downarrow M6_{-48})^1} = (1) + \uparrow m6_{+19}(\downarrow M3_{-19})$

$6574 = 2^1 \bullet 19^1 \bullet 173^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow P4_{+22}(\downarrow P5_{-22})^1} = (1) + \uparrow m6_{+19}(\downarrow M3_{-19})$

$6575 = 5^2 \bullet 263^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow uni_{+47}(\downarrow 8ve_{-47})^1} = (1) + \uparrow m6_{+19}(\downarrow M3_{-19})$

$6576 = 2^4 \bullet 3^1 \bullet 137^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m2_{+18}(\downarrow M7_{-18})^1} = (1) + \uparrow m6_{+20}(\downarrow M3_{-20})$

$6577 = 6577^1 = \mathbf{(1) + \uparrow m6_{+20}(\downarrow M3_{-20})}$

$6578 = 2^1 \bullet 11^1 \bullet 13^1 \bullet 23^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1} = (1) + \uparrow m6_{+20}(\downarrow M3_{-20})$

$6579 = 3^2 \bullet 17^1 \bullet 43^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow P4_{+12}(\downarrow P5_{-12})^1} = (1) + \uparrow m6_{+20}(\downarrow M3_{-20})$

$6580 = 2^2 \bullet 5^1 \bullet 7^1 \bullet 47^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow P5_{-34}(\downarrow P4_{+34})^1} = (1) + \uparrow m6_{+21}(\downarrow M3_{-21})$

$6581 = 6581^1 = \mathbf{(1) + \uparrow m6_{+21}(\downarrow M3_{-21})}$

$6582 = 2^1 \bullet 3^1 \bullet 1097^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m2_{+19}(\downarrow M7_{-19})^1} = (1) + \uparrow m6_{+21}(\downarrow M3_{-21})$

$6583 = 29^1 \bullet 227^1 = \mathbf{(1) + \uparrow m7_{+30}(\downarrow M2_{-30})^1 + \uparrow m7_{-8}(\downarrow M2_{+8})^1} = (1) + \uparrow m6_{+21}(\downarrow M3_{-21})$

$6584 = 2^3 \bullet 823^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow m6_{+22}(\downarrow M3_{-22})^1} = (1) + \uparrow m6_{+22}(\downarrow M3_{-22})$

$6585 = 3^1 \bullet 5^1 \bullet 439^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M6_{+34}(\downarrow m3_{-34})^1} = (1) + \uparrow m6_{+22}(\downarrow M3_{-22})$

$6586 = 2^1 \bullet 37^1 \bullet 89^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m3_{-49}(\downarrow M6_{+49})^1 + \uparrow tt_{-29}(\downarrow tt_{+29})^1} = (1) + \uparrow m6_{+22}(\downarrow M3_{-22})$

$6587 = 7^1 \bullet 941^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M7_{-46}(\downarrow m2_{+46})^1} = (1) + \uparrow m6_{+22}(\downarrow M3_{-22})$

$6588 = 2^2 \bullet 3^3 \bullet 61^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow M7_{+17}(\downarrow m2_{-17})^1} = (1) + \uparrow m6_{+23}(\downarrow M3_{-23})$

$6589 = 11^1 \bullet 599^1 = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m3_{-28}(\downarrow M6_{+28})^1} = (1) + \uparrow m6_{+23}(\downarrow M3_{-23})$

$6590 = 2^1 \bullet 5^1 \bullet 659^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M3_{+37}(\downarrow m6_{-37})^1} = (1) + \uparrow m6_{+23}(\downarrow M3_{-23})$

$6591 = 3^1 \bullet 13^3 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^3} = (1) + \uparrow m6_{+24}(\downarrow M3_{-24})$

$6592 = 2^6 \bullet 103^1 = \mathbf{(1) + \updownarrow 8ve(uni)^6 + \uparrow m6_{+24}(\downarrow M3_{-24})^1} = (1) + \uparrow m6_{+24}(\downarrow M3_{-24})$

$6593 = 19^1 \bullet 347^1 = \mathbf{(1) + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow P4_{+27}(\downarrow P5_{-27})^1} = (1) + \uparrow m6_{+24}(\downarrow M3_{-24})$

$6594 = 2^1 \bullet 3^1 \bullet 7^1 \bullet 157^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M3_{-46}(\downarrow m6_{+46})^1} = (1) + \uparrow m6_{+24}(\downarrow M3_{-24})$

$6595 = 5^1 \bullet 1319^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M3_{+38}(\downarrow m6_{-38})^1} = (1) + \uparrow m6_{+25}(\downarrow M3_{-25})$

$6596 = 2^2 \bullet 17^1 \bullet 97^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow P5_{+20}(\downarrow P4_{-20})^1} = (1) + \uparrow m6_{+25}(\downarrow M3_{-25})$

$6597 = 3^2 \bullet 733^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow tt_{+21}(\downarrow tt_{-21})^1} = (1) + \uparrow m6_{+25}(\downarrow M3_{-25})$

$6598 = 2^1 \bullet 3299^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m6_{+25}(\downarrow M3_{-25})^1} = (1) + \uparrow m6_{+25}(\downarrow M3_{-25})$

$6599 = 6599^1 = \mathbf{(1) + \uparrow m6_{+26}(\downarrow M3_{-26})}$

$6600 = 2^3 \bullet 3^1 \bullet 5^2 \bullet 11^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow tt_{-49}(\downarrow tt_{+49})^1} = (1) + \uparrow m6_{+26}(\downarrow M3_{-26})$

$6601 = 7^1 \bullet 23^1 \bullet 41^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow M3_{+29}(\downarrow m6_{-29})^1} = (1) + \uparrow m6_{+26}(\downarrow M3_{-26})$

$6602 = 2^1 \bullet 3301^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m6_{+26}(\downarrow M3_{-26})^1} = (1) + \uparrow m6_{+26}(\downarrow M3_{-26})$

$6603 = 3^1 \bullet 31^1 \bullet 71^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M7_{+45}(\downarrow m2_{-45})^1 + \uparrow M2_{-20}(\downarrow m7_{+20})^1} = (1) + \uparrow m6_{+27}(\downarrow M3_{-27})$

$6604 = 2^2 \bullet 13^1 \bullet 127^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow 8ve_{-14}(\downarrow uni_{+14})^1} = (1) + \uparrow m6_{+27}(\downarrow M3_{-27})$

$6605 = 5^1 \bullet 1321^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M3_{+41}(\downarrow m6_{-41})^1} = (1) + \uparrow m6_{+27}(\downarrow M3_{-27})$

$6606 = 2^1 \bullet 3^2 \bullet 367^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow tt_{+24}(\downarrow tt_{-24})^1} = (1) + \uparrow m6_{+27}(\downarrow M3_{-27})$

$6607 = 6607^1 = \mathbf{(1) + \uparrow m6_{+28}(\downarrow M3_{-28})}$

$6608 = 2^4 \bullet 7^1 \bullet 59^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M7_{-41}(\downarrow m2_{+41})^1} = (1) + \uparrow m6_{+28}(\downarrow M3_{-28})$

$6609 = 3^1 \bullet 2203^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m2_{+26}(\downarrow M7_{-26})^1} = (1) + \uparrow m6_{+28}(\downarrow M3_{-28})$

$6610 = 2^1 \bullet 5^1 \bullet 661^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M3_{+42}(\downarrow m6_{-42})^1} = (1) + \uparrow m6_{+29}(\downarrow M3_{-29})$

$6611 = 11^1 \bullet 601^1 = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m3_{-23}(\downarrow M6_{+23})^1} = (1) + \uparrow m6_{+29}(\downarrow M3_{-29})$

$6612 = 2^2 \bullet 3^1 \bullet 19^1 \bullet 29^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1} = (1) + \uparrow m6_{+29}(\downarrow M3_{-29})$

$6613 = 17^1 \bullet 389^1 = \mathbf{(1) + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow P5_{+24}(\downarrow P4_{-24})^1} = (1) + \uparrow m6_{+29}(\downarrow M3_{-29})$

$6614 = 2^1 \bullet 3307^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m6_{+30}(\downarrow M3_{-30})^1} = (1) + \uparrow m6_{+30}(\downarrow M3_{-30})$

$6615 = 3^3 \bullet 5^1 \bullet 7^2 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^2} = (1) + \uparrow m6_{+30}(\downarrow M3_{-30})$

$6616 = 2^3 \bullet 827^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow m6_{+30}(\downarrow M3_{-30})^1} = (1) + \uparrow m6_{+30}(\downarrow M3_{-30})$

$6617 = 13^1 \bullet 509^1 = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow 8ve_{-10}(\downarrow uni_{+10})^1} = (1) + \uparrow m6_{+30}(\downarrow M3_{-30})$

$6618 = 2^1 \bullet 3^1 \bullet 1103^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m2_{+29}(\downarrow M7_{-29})^1} = (1) + \uparrow m6_{+31}(\downarrow M3_{-31})$

$6619 = 6619^1 = \mathbf{(1) + \uparrow m6_{+31}(\downarrow M3_{-31})}$

$6620 = 2^2 \bullet 5^1 \bullet 331^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M3_{+45}(\downarrow m6_{-45})^1} = (1) + \uparrow m6_{+31}(\downarrow M3_{-31})$

$6621 = 3^1 \bullet 2207^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m2_{+29}(\downarrow M7_{-29})^1} = (1) + \uparrow m6_{+31}(\downarrow M3_{-31})$

$6622 = 2^1 \bullet 7^1 \bullet 11^1 \bullet 43^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow P4_{+12}(\downarrow P5_{-12})^1} = (1) + \uparrow m6_{+32}(\downarrow M3_{-32})$

$6623 = 37^1 \bullet 179^1 = \mathbf{(1) + \uparrow m3_{-49}(\downarrow M6_{+49})^1 + \uparrow tt_{-19}(\downarrow tt_{+19})^1} = (1) + \uparrow m6_{+32}(\downarrow M3_{-32})$

$6624 = 2^5 \bullet 3^2 \bullet 23^1 = \mathbf{(1) + \updownarrow 8ve(uni)^5 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow tt_{+28}(\downarrow tt_{-28})^1} = (1) + \uparrow m6_{+32}(\downarrow M3_{-32})$

$6625 = 5^3 \bullet 53^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^3 + \uparrow M6_{-26}(\downarrow m3_{+26})^1} = (1) + \uparrow m6_{+32}(\downarrow M3_{-32})$

$6626 = 2^1 \bullet 3313^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m6_{+33}(\downarrow M3_{-33})^1} = (1) + \uparrow m6_{+33}(\downarrow M3_{-33})$

$6627 = 3^1 \bullet 47^2 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow P5_{-34}(\downarrow P4_{+34})^2} = (1) + \uparrow m6_{+33}(\downarrow M3_{-33})$

$6628 = 2^2 \bullet 1657^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m6_{+33}(\downarrow M3_{-33})^1} = (1) + \uparrow m6_{+33}(\downarrow M3_{-33})$

$6629 = 7^1 \bullet 947^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M7_{-35}(\downarrow m2_{+35})^1} = (1) + \uparrow m6_{+33}(\downarrow M3_{-33})$

$6630 = 2^1 \bullet 3^1 \bullet 5^1 \bullet 13^1 \bullet 17^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1} =$
$(1) + \uparrow m6_{+34}(\downarrow M3_{-34})$

$6631 = 19^1 \bullet 349^1 = \mathbf{(1) + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow P4_{+36}(\downarrow P5_{-36})^1} = (1) + \uparrow m6_{+34}(\downarrow M3_{-34})$

$6632 = 2^3 \bullet 829^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow m6_{+34}(\downarrow M3_{-34})^1} = (1) + \uparrow m6_{+34}(\downarrow M3_{-34})$

$6633 = 3^2 \bullet 11^1 \bullet 67^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m2_{-21}(\downarrow M7_{+21})^1} = (1) + \uparrow m6_{+35}(\downarrow M3_{-35})$

$6634 = 2^1 \bullet 31^1 \bullet 107^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M7_{+45}(\downarrow m2_{-45})^1 + \uparrow M6_{-10}(\downarrow m3_{+10})^1} = (1) + \uparrow m6_{+35}(\downarrow M3_{-35})$

$6635 = 5^1 \bullet 1327^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M3_{+49}(\downarrow m6_{-49})^1} = (1) + \uparrow m6_{+35}(\downarrow M3_{-35})$

$6636 = 2^2 \bullet 3^1 \bullet 7^1 \bullet 79^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M3_{-35}(\downarrow m6_{+35})^1} = (1) + \uparrow m6_{+35}(\downarrow M3_{-35})$

$6637 = 6637^1 = \mathbf{(1) + \uparrow m6_{+36}(\downarrow M3_{-36})}$

$6638 = 2^1 \bullet 3319^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m6_{+36}(\downarrow M3_{-36})^1} = (1) + \uparrow m6_{+36}(\downarrow M3_{-36})$

$6639 = 3^1 \bullet 2213^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m2_{+34}(\downarrow M7_{-34})^1} = (1) + \uparrow m6_{+36}(\downarrow M3_{-36})$

$6640 = 2^4 \bullet 5^1 \bullet 83^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow P4_{-50}(\downarrow P5_{+50})^1} = (1) + \uparrow m6_{+36}(\downarrow M3_{-36})$

$6641 = 29^1 \bullet 229^1 = \mathbf{(1) + \uparrow m7_{+30}(\downarrow M2_{-30})^1 + \uparrow m7_{+7}(\downarrow M2_{-7})^1} = (1) + \uparrow m6_{+37}(\downarrow M3_{-37})$

$6642 = 2^1 \bullet 3^4 \bullet 41^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^4 + \uparrow M3_{+29}(\downarrow m6_{-29})^1} = (1) + \uparrow m6_{+37}(\downarrow M3_{-37})$

$6643 = 7^1 \bullet 13^1 \bullet 73^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow M2_{+28}(\downarrow m7_{-28})^1} = (1) + \uparrow m6_{+37}(\downarrow M3_{-37})$

$6644 = 2^2 \bullet 11^1 \bullet 151^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m3_{-14}(\downarrow M6_{+14})^1} = (1) + \uparrow m6_{+37}(\downarrow M3_{-37})$

$6645 = 3^1 \bullet 5^1 \bullet 443^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M6_{+49}(\downarrow m3_{-49})^1} = (1) + \uparrow m6_{+38}(\downarrow M3_{-38})$

$6646 = 2^1 \bullet 3323^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m6_{+38}(\downarrow M3_{-38})^1} = (1) + \uparrow m6_{+38}(\downarrow M3_{-38})$

$6647 = 17^2 \bullet 23^1 = \mathbf{(1) + \uparrow m2_{+5}(\downarrow M7_{-5})^2 + \uparrow tt_{+28}(\downarrow tt_{-28})^1} = (1) + \uparrow m6_{+38}(\downarrow M3_{-38})$

$6648 = 2^3 \bullet 3^1 \bullet 277^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m2_{+36}(\downarrow M7_{-36})^1} = (1) + \uparrow m6_{+38}(\downarrow M3_{-38})$

$6649 = 61^1 \bullet 109^1 = \mathbf{(1) + \uparrow M7_{+17}(\downarrow m2_{-17})^1 + \uparrow M6_{+22}(\downarrow m3_{-22})^1} = (1) + \uparrow m6_{+39}(\downarrow M3_{-39})$

$6650 = 2^1 \bullet 5^2 \bullet 7^1 \bullet 19^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1} = (1) + \uparrow m6_{+39}(\downarrow M3_{-39})$

$6651 = 3^2 \bullet 739^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow tt_{+35}(\downarrow tt_{-35})^1} = (1) + \uparrow m6_{+39}(\downarrow M3_{-39})$

$6652 = 2^2 \bullet 1663^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m6_{+39}(\downarrow M3_{-39})^1} = (1) + \uparrow m6_{+39}(\downarrow M3_{-39})$

$6653 = 6653^1 = \mathbf{(1) + \uparrow m6_{+40}(\downarrow M3_{-40})}$

$6654 = 2^1 \bullet 3^1 \bullet 1109^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m2_{+38}(\downarrow M7_{-38})^1} = (1) + \uparrow m6_{+40}(\downarrow M3_{-40})$

$6655 = 5^1 \bullet 11^3 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^3} = (1) + \uparrow m6_{+40}(\downarrow M3_{-40})$

$6656 = 2^9 \bullet 13^1 = \mathbf{(1) + \updownarrow 8ve(uni)^9 + \uparrow m6_{+41}(\downarrow M3_{-41})^1} = (1) + \uparrow m6_{+41}(\downarrow M3_{-41})$

$6657 = 3^1 \bullet 7^1 \bullet 317^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M3_{-30}(\downarrow m6_{+30})^1} = (1) + \uparrow m6_{+41}(\downarrow M3_{-41})$

$6658 = 2^1 \bullet 3329^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1} = (1) + \uparrow m6_{+41}(\downarrow M3_{-41})$

$6659 = 6659^1 = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})}$

$6660 = 2^2 \bullet 3^2 \bullet 5^1 \bullet 37^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m3_{-49}(\downarrow M6_{+49})^1} = (1) + \uparrow m6_{+42}(\downarrow M3_{-42})$

$6661 = 6661^1 = \mathbf{(1) + \uparrow m6_{+42}(\downarrow M3_{-42})}$

$6662 = 2^1 \bullet 3331^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m6_{+42}(\downarrow M3_{-42})^1} = (1) + \uparrow m6_{+42}(\downarrow M3_{-42})$

$6663 = 3^1 \bullet 2221^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m2_{+40}(\downarrow M7_{-40})^1} = (1) + \uparrow m6_{+42}(\downarrow M3_{-42})$

$6664 = 2^3 \bullet 7^2 \bullet 17^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow m7_{-31}(\downarrow M2_{+31})^2 + \uparrow m2_{+5}(\downarrow M7_{-5})^1} = (1) + \uparrow m6_{+43}(\downarrow M3_{-43})$

$6665 = 5^{1}\bullet 31^{1}\bullet 43^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1} + \uparrow P4_{+12}(\downarrow P5_{-12})^{1}} = (1) + \uparrow m6_{+43}(\downarrow M3_{-43})$

$6666 = 2^{1}\bullet 3^{1}\bullet 11^{1}\bullet 101^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m6_{-10}(\downarrow M3_{+10})^{1}} = (1) + \uparrow m6_{+43}(\downarrow M3_{-43})$

$6667 = 59^{1}\bullet 113^{1} = \mathbf{(1) + \uparrow M7_{-41}(\downarrow m2_{+41})^{1} + \uparrow m7_{-16}(\downarrow M2_{+16})^{1}} = (1) + \uparrow m6_{+43}(\downarrow M3_{-43})$

$6668 = 2^{2}\bullet 1667^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m6_{+44}(\downarrow M3_{-44})^{1}} = (1) + \uparrow m6_{+44}(\downarrow M3_{-44})$

$6669 = 3^{3}\bullet 13^{1}\bullet 19^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1}} = (1) + \uparrow m6_{+44}(\downarrow M3_{-44})$

$6670 = 2^{1}\bullet 5^{1}\bullet 23^{1}\bullet 29^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1}} = (1) + \uparrow m6_{+44}(\downarrow M3_{-44})$

$6671 = 7^{1}\bullet 953^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M7_{-24}(\downarrow m2_{+24})^{1}} = (1) + \uparrow m6_{+44}(\downarrow M3_{-44})$

$6672 = 2^{4}\bullet 3^{1}\bullet 139^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m2_{+43}(\downarrow M7_{-43})^{1}} = (1) + \uparrow m6_{+45}(\downarrow M3_{-45})$

$6673 = 6673^{1} = \mathbf{(1) + \uparrow m6_{+45}(\downarrow M3_{-45})}$

$6674 = 2^{1}\bullet 47^{1}\bullet 71^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{-34}(\downarrow P4_{+34})^{1} + \uparrow M2_{-20}(\downarrow m7_{+20})^{1}} = (1) + \uparrow m6_{+45}(\downarrow M3_{-45})$

$6675 = 3^{1}\bullet 5^{2}\bullet 89^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow tt_{-29}(\downarrow tt_{+29})^{1}} = (1) + \uparrow m6_{+45}(\downarrow M3_{-45})$

$6676 = 2^{2}\bullet 1669^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m6_{+46}(\downarrow M3_{-46})^{1}} = (1) + \uparrow m6_{+46}(\downarrow M3_{-46})$

$6677 = 11^{1}\bullet 607^{1} = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m3_{-5}(\downarrow M6_{+5})^{1}} = (1) + \uparrow m6_{+46}(\downarrow M3_{-46})$

$6678 = 2^{1}\bullet 3^{2}\bullet 7^{1}\bullet 53^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M6_{-26}(\downarrow m3_{+26})^{1}} = (1) + \uparrow m6_{+46}(\downarrow M3_{-46})$

$6679 = 6679^{1} = \mathbf{(1) + \uparrow m6_{+46}(\downarrow M3_{-46})}$

$6680 = 2^{3}\bullet 5^{1}\bullet 167^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow P4_{-40}(\downarrow P5_{+40})^{1}} = (1) + \uparrow m6_{+47}(\downarrow M3_{-47})$

$6681 = 3^{1}\bullet 17^{1}\bullet 131^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow uni_{+40}(\downarrow 8ve_{-40})^{1}} = (1) + \uparrow m6_{+47}(\downarrow M3_{-47})$

$6682 = 2^{1}\bullet 13^{1}\bullet 257^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow uni_{+7}(\downarrow 8ve_{-7})^{1}} = (1) + \uparrow m6_{+47}(\downarrow M3_{-47})$

$6683 = 41^{1}\bullet 163^{1} = \mathbf{(1) + \uparrow M3_{+29}(\downarrow m6_{-29})^{1} + \uparrow M3_{+18}(\downarrow m6_{-18})^{1}} = (1) + \uparrow m6_{+48}(\downarrow M3_{-48})$

$6684 = 2^{2}\bullet 3^{1}\bullet 557^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m2_{+46}(\downarrow M7_{-46})^{1}} = (1) + \uparrow m6_{+48}(\downarrow M3_{-48})$

$6685 = 5^{1}\bullet 7^{1}\bullet 191^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow P5_{-7}(\downarrow P4_{+7})^{1}} = (1) + \uparrow m6_{+48}(\downarrow M3_{-48})$

$6686 = 2^{1}\bullet 3343^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m6_{+48}(\downarrow M3_{-48})^{1}} = (1) + \uparrow m6_{+48}(\downarrow M3_{-48})$

$6687 = 3^{2}\bullet 743^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow tt_{+45}(\downarrow tt_{-45})^{1}} = (1) + \uparrow m6_{+49}(\downarrow M3_{-49})$

$6688 = 2^{5}\bullet 11^{1}\bullet 19^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{5} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1}} = (1) + \uparrow m6_{+49}(\downarrow M3_{-49})$

$6689 = 6689^{1} = \mathbf{(1) + \uparrow m6_{+49}(\downarrow M3_{-49})}$

$6690 = 2^{1}\bullet 3^{1}\bullet 5^{1}\bullet 223^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-39}(\downarrow M2_{+39})^{1}} = (1) + \uparrow m6_{+49}(\downarrow M3_{-49})$

$6691 = 6691^{1} = \mathbf{(1) + \uparrow m6_{+50}(\downarrow M3_{-50})}$

$6692 = 2^{2}\bullet 7^{1}\bullet 239^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M7_{-19}(\downarrow m2_{+19})^{1}} = (1) + \uparrow m6_{+50}(\downarrow M3_{-50})$

$6693 = 3^{1}\bullet 23^{1}\bullet 97^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow P5_{+20}(\downarrow P4_{-20})^{1}} = (1) + \uparrow M6_{-50}(\downarrow m3_{+50})$

$6694 = 2^{1}\bullet 3347^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M6_{-50}(\downarrow m3_{+50})^{1}} = (1) + \uparrow M6_{-50}(\downarrow m3_{+50})$

$6695 = 5^{1}\bullet 13^{1}\bullet 103^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m6_{+24}(\downarrow M3_{-24})^{1}} = (1) + \uparrow M6_{-49}(\downarrow m3_{+49})$

$6696 = 2^{3}\bullet 3^{3}\bullet 31^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1}} = (1) + \uparrow M6_{-49}(\downarrow m3_{+49})$

$6697 = 37^{1}\bullet 181^{1} = \mathbf{(1) + \uparrow m3_{-49}(\downarrow M6_{+49})^{1} + \uparrow tt_{+0}(\downarrow tt_{-0})^{1}} = (1) + \uparrow M6_{-49}(\downarrow m3_{+49})$

$6698 = 2^{1}\bullet 17^{1}\bullet 197^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow P5_{+46}(\downarrow P4_{-46})^{1}} = (1) + \uparrow M6_{-49}(\downarrow m3_{+49})$

$6699 = 3^{1}\bullet 7^{1}\bullet 11^{1}\bullet 29^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1}} = (1) + \uparrow M6_{-48}(\downarrow m3_{+48})$

$6700 = 2^{2}\bullet 5^{2}\bullet 67^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow m2_{-21}(\downarrow M7_{+21})^{1}} = (1) + \uparrow M6_{-48}(\downarrow m3_{+48})$

$6701 = 6701^{1} = \mathbf{(1) + \uparrow M6_{-48}(\downarrow m3_{+48})}$

$6702 = 2^{1}\bullet 3^{1}\bullet 1117^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M2_{-50}(\downarrow m7_{+50})^{1}} = (1) + \uparrow M6_{-48}(\downarrow m3_{+48})$

$6703 = 6703^{1} = \mathbf{(1) + \uparrow M6_{-47}(\downarrow m3_{+47})}$

$6704 = 2^{4}\bullet 419^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow M6_{-47}(\downarrow m3_{+47})^{1}} = (1) + \uparrow M6_{-47}(\downarrow m3_{+47})$

$6705 = 3^{2}\bullet 5^{1}\bullet 149^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m3_{-37}(\downarrow M6_{+37})^{1}} = (1) + \uparrow M6_{-47}(\downarrow m3_{+47})$

$6706 = 2^{1}\bullet 7^{1}\bullet 479^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M7_{-15}(\downarrow m2_{+15})^{1}} = (1) + \uparrow M6_{-47}(\downarrow m3_{+47})$

$6707 = 19^{1}\bullet 353^{1} = \mathbf{(1) + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow tt_{-44}(\downarrow tt_{+44})^{1}} = (1) + \uparrow M6_{-46}(\downarrow m3_{+46})$

$6708 = 2^{2}\bullet 3^{1}\bullet 13^{1}\bullet 43^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow P4_{+12}(\downarrow P5_{-12})^{1}} = (1) + \uparrow M6_{-46}(\downarrow m3_{+46})$

$6709 = 6709^{1} = \mathbf{(1) + \uparrow M6_{-46}(\downarrow m3_{+46})}$

$6710 = 2^{1}\bullet 5^{1}\bullet 11^{1}\bullet 61^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow M7_{+17}(\downarrow m2_{-17})^{1}} = (1) + \uparrow M6_{-45}(\downarrow m3_{+45})$

$6711 = 3^{1}\bullet 2237^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M2_{-47}(\downarrow m7_{+47})^{1}} = (1) + \uparrow M6_{-45}(\downarrow m3_{+45})$

$6712 = 2^{3}\bullet 839^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow M6_{-45}(\downarrow m3_{+45})^{1}} = (1) + \uparrow M6_{-45}(\downarrow m3_{+45})$

$6713 = 7^{2}\bullet 137^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{2} + \uparrow m2_{+18}(\downarrow M7_{-18})^{1}} = (1) + \uparrow M6_{-45}(\downarrow m3_{+45})$

$6714 = 2^{1}\bullet 3^{2}\bullet 373^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow P5_{-48}(\downarrow P4_{+48})^{1}} = (1) + \uparrow M6_{-44}(\downarrow m3_{+44})$

$6715 = 5^{1}\bullet 17^{1}\bullet 79^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow M3_{-35}(\downarrow m6_{+35})^{1}} = (1) + \uparrow M6_{-44}(\downarrow m3_{+44})$

$6716 = 2^{2}\bullet 23^{1}\bullet 73^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow M2_{+28}(\downarrow m7_{-28})^{1}} = (1) + \uparrow M6_{-44}(\downarrow m3_{+44})$

$6717 = 3^{1}\bullet 2239^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M2_{-46}(\downarrow m7_{+46})^{1}} = (1) + \uparrow M6_{-44}(\downarrow m3_{+44})$

$6718 = 2^{1}\bullet 3359^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M6_{-43}(\downarrow m3_{+43})^{1}} = (1) + \uparrow M6_{-43}(\downarrow m3_{+43})$

$6719 = 6719^{1} = \mathbf{(1) + \uparrow M6_{-43}(\downarrow m3_{+43})}$

$6720 = 2^{6}\bullet 3^{1}\bullet 5^{1}\bullet 7^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{6} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1}} = (1) + \uparrow M6_{-43}(\downarrow m3_{+43})$

$6721 = 11^{1}\bullet 13^{1}\bullet 47^{1} = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow P5_{-34}(\downarrow P4_{+34})^{1}} = (1) + \uparrow M6_{-43}(\downarrow m3_{+43})$

$6722 = 2^{1}\bullet 3361^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M6_{-42}(\downarrow m3_{+42})^{1}} = (1) + \uparrow M6_{-42}(\downarrow m3_{+42})$

$6723 = 3^{4}\bullet 83^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{4} + \uparrow P4_{-50}(\downarrow P5_{+50})^{1}} = (1) + \uparrow M6_{-42}(\downarrow m3_{+42})$

$6724 = 2^{2}\bullet 41^{2} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M3_{+29}(\downarrow m6_{-29})^{2}} = (1) + \uparrow M6_{-42}(\downarrow m3_{+42})$

$6725 = 5^{2}\bullet 269^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow m2_{-14}(\downarrow M7_{+14})^{1}} = (1) + \uparrow M6_{-42}(\downarrow m3_{+42})$

$6726 = 2^{1}\bullet 3^{1}\bullet 19^{1}\bullet 59^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow M7_{-41}(\downarrow m2_{+41})^{1}} = (1) + \uparrow M6_{-41}(\downarrow m3_{+41})$

$6727 = 7^{1}\bullet 31^{2} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{2}} = (1) + \uparrow M6_{-41}(\downarrow m3_{+41})$

$6728 = 2^{3}\bullet 29^{2} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow m7_{+30}(\downarrow M2_{-30})^{2}} = (1) + \uparrow M6_{-41}(\downarrow m3_{+41})$

$6729 = 3^{1}\bullet 2243^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M2_{-43}(\downarrow m7_{+43})^{1}} = (1) + \uparrow M6_{-41}(\downarrow m3_{+41})$

$6730 = 2^{1}\bullet 5^{1}\bullet 673^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow P4_{-27}(\downarrow P5_{+27})^{1}} = (1) + \uparrow M6_{-40}(\downarrow m3_{+40})$

$6731 = 53^{1}\bullet 127^{1} = \mathbf{(1) + \uparrow M6_{-26}(\downarrow m3_{+26})^{1} + \uparrow 8ve_{-14}(\downarrow uni_{+14})^{1}} = (1) + \uparrow M6_{-40}(\downarrow m3_{+40})$

$6732 = 2^{2}\bullet 3^{2}\bullet 11^{1}\bullet 17^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1}} = (1) + \uparrow M6_{-40}(\downarrow m3_{+40})$

$6733 = 6733^{1} = \mathbf{(1) + \uparrow M6_{-40}(\downarrow m3_{+40})}$

$6734 = 2^{1}\bullet 7^{1}\bullet 13^{1}\bullet 37^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m3_{-49}(\downarrow M6_{+49})^{1}} = (1) + \uparrow M6_{-39}(\downarrow m3_{+39})$

$6735 = 3^{1}\bullet 5^{1}\bullet 449^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-27}(\downarrow M2_{+27})^{1}} = (1) + \uparrow M6_{-39}(\downarrow m3_{+39})$

$6736 = 2^{4}\bullet 421^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow M6_{-39}(\downarrow m3_{+39})^{1}} = (1) + \uparrow M6_{-39}(\downarrow m3_{+39})$

$6737 = 6737^{1} = \mathbf{(1) + \uparrow M6_{-39}(\downarrow m3_{+39})}$

$6738 = 2^{1}\bullet 3^{1}\bullet 1123^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M2_{-40}(\downarrow m7_{+40})^{1}} = (1) + \uparrow M6_{-38}(\downarrow m3_{+38})$

$6739 = 23^{1}\bullet 293^{1} = \mathbf{(1) + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow M2_{+34}(\downarrow m7_{-34})^{1}} = (1) + \uparrow M6_{-38}(\downarrow m3_{+38})$

$6740 = 2^{2}\bullet 5^{1}\bullet 337^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow P4_{-24}(\downarrow P5_{+24})^{1}} = (1) + \uparrow M6_{-38}(\downarrow m3_{+38})$

$6741 = 3^{2}\bullet 7^{1}\bullet 107^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M6_{-10}(\downarrow m3_{+10})^{1}} = (1) + \uparrow M6_{-38}(\downarrow m3_{+38})$

$6742 = 2^{1}\bullet 3371^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M6_{-37}(\downarrow m3_{+37})^{1}} = (1) + \uparrow M6_{-37}(\downarrow m3_{+37})$

$6743 = 11^{1}\bullet 613^{1} = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m3_{+12}(\downarrow M6_{-12})^{1}} = (1) + \uparrow M6_{-37}(\downarrow m3_{+37})$

$6744 = 2^{3}\bullet 3^{1}\bullet 281^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M2_{-39}(\downarrow m7_{+39})^{1}} = (1) + \uparrow M6_{-37}(\downarrow m3_{+37})$

$6745 = 5^{1}\bullet 19^{1}\bullet 71^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow M2_{-20}(\downarrow m7_{+20})^{1}} = (1) + \uparrow M6_{-36}(\downarrow m3_{+36})$

$6746 = 2^{1}\bullet 3373^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M6_{-36}(\downarrow m3_{+36})^{1}} = (1) + \uparrow M6_{-36}(\downarrow m3_{+36})$

$6747 = 3^{1}\bullet 13^{1}\bullet 173^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow P4_{+22}(\downarrow P5_{-22})^{1}} = (1) + \uparrow M6_{-36}(\downarrow m3_{+36})$

$6748 = 2^{2}\bullet 7^{1}\bullet 241^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M7_{-5}(\downarrow m2_{+5})^{1}} = (1) + \uparrow M6_{-36}(\downarrow m3_{+36})$

$6749 = 17^1 \bullet 397^1 = \mathbf{(1) + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow m6_{-40}(\downarrow M3_{+40})^1} = (1) + \uparrow M6_{-35}(\downarrow m3_{+35})$

$6750 = 2^1 \bullet 3^3 \bullet 5^3 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow M3_{-14}(\downarrow m6_{+14})^3} = (1) + \uparrow M6_{-35}(\downarrow m3_{+35})$

$6751 = 43^1 \bullet 157^1 = \mathbf{(1) + \uparrow P4_{+12}(\downarrow P5_{-12})^1 + \uparrow M3_{-46}(\downarrow m6_{+46})^1} = (1) + \uparrow M6_{-35}(\downarrow m3_{+35})$

$6752 = 2^5 \bullet 211^1 = \mathbf{(1) + \updownarrow 8ve(uni)^5 + \uparrow M6_{-35}(\downarrow m3_{+35})^1} = (1) + \uparrow M6_{-35}(\downarrow m3_{+35})$

$6753 = 3^1 \bullet 2251^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M2_{-36}(\downarrow m7_{+36})^1} = (1) + \uparrow M6_{-34}(\downarrow m3_{+34})$

$6754 = 2^1 \bullet 11^1 \bullet 307^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m3_{+15}(\downarrow M6_{-15})^1} = (1) + \uparrow M6_{-34}(\downarrow m3_{+34})$

$6755 = 5^1 \bullet 7^1 \bullet 193^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow P5_{+11}(\downarrow P4_{-11})^1} = (1) + \uparrow M6_{-34}(\downarrow m3_{+34})$

$6756 = 2^2 \bullet 3^1 \bullet 563^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M2_{-36}(\downarrow m7_{+36})^1} = (1) + \uparrow M6_{-34}(\downarrow m3_{+34})$

$6757 = 29^1 \bullet 233^1 = \mathbf{(1) + \uparrow m7_{+30}(\downarrow M2_{-30})^1 + \uparrow m7_{+37}(\downarrow M2_{-37})^1} = (1) + \uparrow M6_{-33}(\downarrow m3_{+33})$

$6758 = 2^1 \bullet 31^1 \bullet 109^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M7_{+45}(\downarrow m2_{-45})^1 + \uparrow M6_{+22}(\downarrow m3_{-22})^1} = (1) + \uparrow M6_{-33}(\downarrow m3_{+33})$

$6759 = 3^2 \bullet 751^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow P5_{-37}(\downarrow P4_{+37})^1} = (1) + \uparrow M6_{-33}(\downarrow m3_{+33})$

$6760 = 2^3 \bullet 5^1 \bullet 13^2 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^2} = (1) + \uparrow M6_{-33}(\downarrow m3_{+33})$

$6761 = 6761^1 = \mathbf{(1) + \uparrow M6_{-32}(\downarrow m3_{+32})}$

$6762 = 2^1 \bullet 3^1 \bullet 7^2 \bullet 23^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^2 + \uparrow tt_{+28}(\downarrow tt_{-28})^1} = (1) + \uparrow M6_{-32}(\downarrow m3_{+32})$

$6763 = 6763^1 = \mathbf{(1) + \uparrow M6_{-32}(\downarrow m3_{+32})}$

$6764 = 2^2 \bullet 19^1 \bullet 89^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow tt_{-29}(\downarrow tt_{+29})^1} = (1) + \uparrow M6_{-32}(\downarrow m3_{+32})$

$6765 = 3^1 \bullet 5^1 \bullet 11^1 \bullet 41^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow M3_{+29}(\downarrow m6_{-29})^1} = (1) + \uparrow M6_{-31}(\downarrow m3_{+31})$

$6766 = 2^1 \bullet 17^1 \bullet 199^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow m6_{-36}(\downarrow M3_{+36})^1} = (1) + \uparrow M6_{-31}(\downarrow m3_{+31})$

$6767 = 67^1 \bullet 101^1 = \mathbf{(1) + \uparrow m2_{-21}(\downarrow M7_{+21})^1 + \uparrow m6_{-10}(\downarrow M3_{+10})^1} = (1) + \uparrow M6_{-31}(\downarrow m3_{+31})$

$6768 = 2^4 \bullet 3^2 \bullet 47^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow P5_{-34}(\downarrow P4_{+34})^1} = (1) + \uparrow M6_{-31}(\downarrow m3_{+31})$

$6769 = 7^1 \bullet 967^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M7_{+1}(\downarrow m2_{-1})^1} = (1) + \uparrow M6_{-30}(\downarrow m3_{+30})$

$6770 = 2^1 \bullet 5^1 \bullet 677^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow P4_{-16}(\downarrow P5_{+16})^1} = (1) + \uparrow M6_{-30}(\downarrow m3_{+30})$

$6771 = 3^1 \bullet 37^1 \bullet 61^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m3_{-49}(\downarrow M6_{+49})^1 + \uparrow M7_{+17}(\downarrow m2_{-17})^1} = (1) + \uparrow M6_{-30}(\downarrow m3_{+30})$

$6772 = 2^2 \bullet 1693^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M6_{-30}(\downarrow m3_{+30})^1} = (1) + \uparrow M6_{-30}(\downarrow m3_{+30})$

$6773 = 13^1 \bullet 521^1 = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow uni_{+30}(\downarrow 8ve_{-30})^1} = (1) + \uparrow M6_{-29}(\downarrow m3_{+29})$

$6774 = 2^1 \bullet 3^1 \bullet 1129^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M2_{-31}(\downarrow m7_{+31})^1} = (1) + \uparrow M6_{-29}(\downarrow m3_{+29})$

$6775 = 5^2 \bullet 271^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow m2_{-1}(\downarrow M7_{+1})^1} = (1) + \uparrow M6_{-29}(\downarrow m3_{+29})$

$6776 = 2^3 \bullet 7^1 \bullet 11^2 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^2} = (1) + \uparrow M6_{-29}(\downarrow m3_{+29})$

$6777 = 3^3 \bullet 251^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow 8ve_{-34}(\downarrow uni_{+34})^1} = (1) + \uparrow M6_{-28}(\downarrow m3_{+28})$

$6778 = 2^1 \bullet 3389^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M6_{-28}(\downarrow m3_{+28})^1} = (1) + \uparrow M6_{-28}(\downarrow m3_{+28})$

$6779 = 6779^1 = \mathbf{(1) + \uparrow M6_{-28}(\downarrow m3_{+28})}$

$6780 = 2^2 \bullet 3^1 \bullet 5^1 \bullet 113^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-16}(\downarrow M2_{+16})^1} = (1) + \uparrow M6_{-28}(\downarrow m3_{+28})$

$6781 = 6781^1 = \mathbf{(1) + \uparrow M6_{-27}(\downarrow m3_{+27})}$

$6782 = 2^1 \bullet 3391^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M6_{-27}(\downarrow m3_{+27})^1} = (1) + \uparrow M6_{-27}(\downarrow m3_{+27})$

$6783 = 3^1 \bullet 7^1 \bullet 17^1 \bullet 19^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1} = (1) + \uparrow M6_{-27}(\downarrow m3_{+27})$

$6784 = 2^7 \bullet 53^1 = \mathbf{(1) + \updownarrow 8ve(uni)^7 + \uparrow M6_{-26}(\downarrow m3_{+26})^1} = (1) + \uparrow M6_{-26}(\downarrow m3_{+26})$

$6785 = 5^1 \bullet 23^1 \bullet 59^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow M7_{-41}(\downarrow m2_{+41})^1} = (1) + \uparrow M6_{-26}(\downarrow m3_{+26})$

$6786 = 2^1 \bullet 3^2 \bullet 13^1 \bullet 29^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1} = (1) + \uparrow M6_{-26}(\downarrow m3_{+26})$

$6787 = 11^1 \bullet 617^1 = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m3_{+23}(\downarrow M6_{-23})^1} = (1) + \uparrow M6_{-26}(\downarrow m3_{+26})$

$6788 = 2^2 \bullet 1697^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M6_{-25}(\downarrow m3_{+25})^1} = (1) + \uparrow M6_{-25}(\downarrow m3_{+25})$

$6789 = 3^1 \bullet 31^1 \bullet 73^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M7_{+45}(\downarrow m2_{-45})^1 + \uparrow M2_{+28}(\downarrow m7_{-28})^1} = (1) + \uparrow M6_{-25}(\downarrow m3_{+25})$

$6790 = 2^1 \bullet 5^1 \bullet 7^1 \bullet 97^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow P5_{+20}(\downarrow P4_{-20})^1} = (1) + \uparrow M6_{-25}(\downarrow m3_{+25})$

$6791 = 6791^{1} = \mathbf{(1) + \uparrow M6_{-25}(\downarrow m3_{+25})}$

$6792 = 2^{3}\bullet 3^{1}\bullet 283^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M2_{-26}(\downarrow m7_{+26})^{1}} = (1) + \uparrow M6_{-24}(\downarrow m3_{+24})$

$6793 = 6793^{1} = \mathbf{(1) + \uparrow M6_{-24}(\downarrow m3_{+24})}$

$6794 = 2^{1}\bullet 43^{1}\bullet 79^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P4_{+12}(\downarrow P5_{-12})^{1} + \uparrow M3_{-35}(\downarrow m6_{+35})^{1}} = (1) + \uparrow M6_{-24}(\downarrow m3_{+24})$

$6795 = 3^{2}\bullet 5^{1}\bullet 151^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m3_{-14}(\downarrow M6_{+14})^{1}} = (1) + \uparrow M6_{-24}(\downarrow m3_{+24})$

$6796 = 2^{2}\bullet 1699^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M6_{-23}(\downarrow m3_{+23})^{1}} = (1) + \uparrow M6_{-23}(\downarrow m3_{+23})$

$6797 = 7^{1}\bullet 971^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M7_{+8}(\downarrow m2_{-8})^{1}} = (1) + \uparrow M6_{-23}(\downarrow m3_{+23})$

$6798 = 2^{1}\bullet 3^{1}\bullet 11^{1}\bullet 103^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m6_{+24}(\downarrow M3_{-24})^{1}} = (1) + \uparrow M6_{-23}(\downarrow m3_{+23})$

$6799 = 13^{1}\bullet 523^{1} = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow uni_{+37}(\downarrow 8ve_{-37})^{1}} = (1) + \uparrow M6_{-23}(\downarrow m3_{+23})$

$6800 = 2^{4}\bullet 5^{2}\bullet 17^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1}} = (1) + \uparrow M6_{-22}(\downarrow m3_{+22})$

$6801 = 3^{1}\bullet 2267^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M2_{-24}(\downarrow m7_{+24})^{1}} = (1) + \uparrow M6_{-22}(\downarrow m3_{+22})$

$6802 = 2^{1}\bullet 19^{1}\bullet 179^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow tt_{-19}(\downarrow tt_{+19})^{1}} = (1) + \uparrow M6_{-22}(\downarrow m3_{+22})$

$6803 = 6803^{1} = \mathbf{(1) + \uparrow M6_{-22}(\downarrow m3_{+22})}$

$6804 = 2^{2}\bullet 3^{5}\bullet 7^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{5} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1}} = (1) + \uparrow M6_{-21}(\downarrow m3_{+21})$

$6805 = 5^{1}\bullet 1361^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow P4_{-7}(\downarrow P5_{+7})^{1}} = (1) + \uparrow M6_{-21}(\downarrow m3_{+21})$

$6806 = 2^{1}\bullet 41^{1}\bullet 83^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{+29}(\downarrow m6_{-29})^{1} + \uparrow P4_{-50}(\downarrow P5_{+50})^{1}} = (1) + \uparrow M6_{-21}(\downarrow m3_{+21})$

$6807 = 3^{1}\bullet 2269^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M2_{-23}(\downarrow m7_{+23})^{1}} = (1) + \uparrow M6_{-21}(\downarrow m3_{+21})$

$6808 = 2^{3}\bullet 23^{1}\bullet 37^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow m3_{-49}(\downarrow M6_{+49})^{1}} = (1) + \uparrow M6_{-20}(\downarrow m3_{+20})$

$6809 = 11^{1}\bullet 619^{1} = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m3_{+29}(\downarrow M6_{-29})^{1}} = (1) + \uparrow M6_{-20}(\downarrow m3_{+20})$

$6810 = 2^{1}\bullet 3^{1}\bullet 5^{1}\bullet 227^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-8}(\downarrow M2_{+8})^{1}} = (1) + \uparrow M6_{-20}(\downarrow m3_{+20})$

$6811 = 7^{2}\bullet 139^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{2} + \uparrow m2_{+43}(\downarrow M7_{-43})^{1}} = (1) + \uparrow M6_{-20}(\downarrow m3_{+20})$

$6812 = 2^{2}\bullet 13^{1}\bullet 131^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow uni_{+40}(\downarrow 8ve_{-40})^{1}} = (1) + \uparrow M6_{-19}(\downarrow m3_{+19})$

$6813 = 3^{2}\bullet 757^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow P5_{-23}(\downarrow P4_{+23})^{1}} = (1) + \uparrow M6_{-19}(\downarrow m3_{+19})$

$6814 = 2^{1}\bullet 3407^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M6_{-19}(\downarrow m3_{+19})^{1}} = (1) + \uparrow M6_{-19}(\downarrow m3_{+19})$

$6815 = 5^{1}\bullet 29^{1}\bullet 47^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1} + \uparrow P5_{-34}(\downarrow P4_{+34})^{1}} = (1) + \uparrow M6_{-19}(\downarrow m3_{+19})$

$6816 = 2^{5}\bullet 3^{1}\bullet 71^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{5} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M2_{-20}(\downarrow m7_{+20})^{1}} = (1) + \uparrow M6_{-18}(\downarrow m3_{+18})$

$6817 = 17^{1}\bullet 401^{1} = \mathbf{(1) + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow m6_{-23}(\downarrow M3_{+23})^{1}} = (1) + \uparrow M6_{-18}(\downarrow m3_{+18})$

$6818 = 2^{1}\bullet 7^{1}\bullet 487^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M7_{+13}(\downarrow m2_{-13})^{1}} = (1) + \uparrow M6_{-18}(\downarrow m3_{+18})$

$6819 = 3^{1}\bullet 2273^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M2_{-20}(\downarrow m7_{+20})^{1}} = (1) + \uparrow M6_{-18}(\downarrow m3_{+18})$

$6820 = 2^{2}\bullet 5^{1}\bullet 11^{1}\bullet 31^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1}} = (1) + \uparrow M6_{-17}(\downarrow m3_{+17})$

$6821 = 19^{1}\bullet 359^{1} = \mathbf{(1) + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow tt_{-15}(\downarrow tt_{+15})^{1}} = (1) + \uparrow M6_{-17}(\downarrow m3_{+17})$

$6822 = 2^{1}\bullet 3^{2}\bullet 379^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow P5_{-21}(\downarrow P4_{+21})^{1}} = (1) + \uparrow M6_{-17}(\downarrow m3_{+17})$

$6823 = 6823^{1} = \mathbf{(1) + \uparrow M6_{-17}(\downarrow m3_{+17})}$

$6824 = 2^{3}\bullet 853^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow M6_{-16}(\downarrow m3_{+16})^{1}} = (1) + \uparrow M6_{-16}(\downarrow m3_{+16})$

$6825 = 3^{1}\bullet 5^{2}\bullet 7^{1}\bullet 13^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1}} = (1) + \uparrow M6_{-16}(\downarrow m3_{+16})$

$6826 = 2^{1}\bullet 3413^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M6_{-16}(\downarrow m3_{+16})^{1}} = (1) + \uparrow M6_{-16}(\downarrow m3_{+16})$

$6827 = 6827^{1} = \mathbf{(1) + \uparrow M6_{-16}(\downarrow m3_{+16})}$

$6828 = 2^{2}\bullet 3^{1}\bullet 569^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M2_{-17}(\downarrow m7_{+17})^{1}} = (1) + \uparrow M6_{-15}(\downarrow m3_{+15})$

$6829 = 6829^{1} = \mathbf{(1) + \uparrow M6_{-15}(\downarrow m3_{+15})}$

$6830 = 2^{1}\bullet 5^{1}\bullet 683^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow P4_{-1}(\downarrow P5_{+1})^{1}} = (1) + \uparrow M6_{-15}(\downarrow m3_{+15})$

$6831 = 3^{3}\bullet 11^{1}\bullet 23^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1}} = (1) + \uparrow M6_{-15}(\downarrow m3_{+15})$

$6832 = 2^{4}\bullet 7^{1}\bullet 61^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M7_{+17}(\downarrow m2_{-17})^{1}} = (1) + \uparrow M6_{-14}(\downarrow m3_{+14})$

$6833 = 6833^{1} = \mathbf{(1) + \uparrow M6_{-14}(\downarrow m3_{+14})}$

$6834 = 2^{1}\bullet 3^{1}\bullet 17^{1}\bullet 67^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow m2_{-21}(\downarrow M7_{+21})^{1}} = (1) + \uparrow M6_{-14}(\downarrow m3_{+14})$

$6835 = 5^{1}\bullet 1367^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow P4_{+0}(\downarrow P5_{-0})^{1}} = (1) + \uparrow M6_{-14}(\downarrow m3_{+14})$

$6836 = 2^{2}\bullet 1709^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M6_{-13}(\downarrow m3_{+13})^{1}} = (1) + \uparrow M6_{-13}(\downarrow m3_{+13})$

$6837 = 3^{1}\bullet 43^{1}\bullet 53^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow P4_{+12}(\downarrow P5_{-12})^{1} + \uparrow M6_{-26}(\downarrow m3_{+26})^{1}} = (1) + \uparrow M6_{-13}(\downarrow m3_{+13})$

$6838 = 2^{1}\bullet 13^{1}\bullet 263^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow uni_{+47}(\downarrow 8ve_{-47})^{1}} = (1) + \uparrow M6_{-13}(\downarrow m3_{+13})$

$6839 = 7^{1}\bullet 977^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M7_{+19}(\downarrow m2_{-19})^{1}} = (1) + \uparrow M6_{-13}(\downarrow m3_{+13})$

$6840 = 2^{3}\bullet 3^{2}\bullet 5^{1}\bullet 19^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1}} = (1) + \uparrow M6_{-12}(\downarrow m3_{+12})$

$6841 = 6841^{1} = \mathbf{(1) + \uparrow M6_{-12}(\downarrow m3_{+12})}$

$6842 = 2^{1}\bullet 11^{1}\bullet 311^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m3_{+37}(\downarrow M6_{-37})^{1}} = (1) + \uparrow M6_{-12}(\downarrow m3_{+12})$

$6843 = 3^{1}\bullet 2281^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M2_{-13}(\downarrow m7_{+13})^{1}} = (1) + \uparrow M6_{-12}(\downarrow m3_{+12})$

$6844 = 2^{2}\bullet 29^{1}\bullet 59^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1} + \uparrow M7_{-41}(\downarrow m2_{+41})^{1}} = (1) + \uparrow M6_{-11}(\downarrow m3_{+11})$

$6845 = 5^{1}\bullet 37^{2} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m3_{-49}(\downarrow M6_{+49})^{2}} = (1) + \uparrow M6_{-11}(\downarrow m3_{+11})$

$6846 = 2^{1}\bullet 3^{1}\bullet 7^{1}\bullet 163^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M3_{+18}(\downarrow m6_{-18})^{1}} = (1) + \uparrow M6_{-11}(\downarrow m3_{+11})$

$6847 = 41^{1}\bullet 167^{1} = \mathbf{(1) + \uparrow M3_{+29}(\downarrow m6_{-29})^{1} + \uparrow P4_{-40}(\downarrow P5_{+40})^{1}} = (1) + \uparrow M6_{-10}(\downarrow m3_{+10})$

$6848 = 2^{6}\bullet 107^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{6} + \uparrow M6_{-10}(\downarrow m3_{+10})^{1}} = (1) + \uparrow M6_{-10}(\downarrow m3_{+10})$

$6849 = 3^{2}\bullet 761^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow P5_{-14}(\downarrow P4_{+14})^{1}} = (1) + \uparrow M6_{-10}(\downarrow m3_{+10})$

$6850 = 2^{1}\bullet 5^{2}\bullet 137^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow m2_{+18}(\downarrow M7_{-18})^{1}} = (1) + \uparrow M6_{-10}(\downarrow m3_{+10})$

$6851 = 13^{1}\bullet 17^{1}\bullet 31^{1} = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1}} = (1) + \uparrow M6_{-9}(\downarrow m3_{+9})$

$6852 = 2^{2}\bullet 3^{1}\bullet 571^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M2_{-11}(\downarrow m7_{+11})^{1}} = (1) + \uparrow M6_{-9}(\downarrow m3_{+9})$

$6853 = 7^{1}\bullet 11^{1}\bullet 89^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow tt_{-29}(\downarrow tt_{+29})^{1}} = (1) + \uparrow M6_{-9}(\downarrow m3_{+9})$

$6854 = 2^{1}\bullet 23^{1}\bullet 149^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow m3_{-37}(\downarrow M6_{+37})^{1}} = (1) + \uparrow M6_{-9}(\downarrow m3_{+9})$

$6855 = 3^{1}\bullet 5^{1}\bullet 457^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{+3}(\downarrow M2_{-3})^{1}} = (1) + \uparrow M6_{-8}(\downarrow m3_{+8})$

$6856 = 2^{3}\bullet 857^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow M6_{-8}(\downarrow m3_{+8})^{1}} = (1) + \uparrow M6_{-8}(\downarrow m3_{+8})$

$6857 = 6857^{1} = \mathbf{(1) + \uparrow M6_{-8}(\downarrow m3_{+8})}$

$6858 = 2^{1}\bullet 3^{3}\bullet 127^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow 8ve_{-14}(\downarrow uni_{+14})^{1}} = (1) + \uparrow M6_{-8}(\downarrow m3_{+8})$

$6859 = 19^{3} = \mathbf{(1) + \uparrow m3_{-2}(\downarrow M6_{+2})^{3}} = (1) + \uparrow M6_{-7}(\downarrow m3_{+7})$

$6860 = 2^{2}\bullet 5^{1}\bullet 7^{3} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{3}} = (1) + \uparrow M6_{-7}(\downarrow m3_{+7})$

$6861 = 3^{1}\bullet 2287^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M2_{-9}(\downarrow m7_{+9})^{1}} = (1) + \uparrow M6_{-7}(\downarrow m3_{+7})$

$6862 = 2^{1}\bullet 47^{1}\bullet 73^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{-34}(\downarrow P4_{+34})^{1} + \uparrow M2_{+28}(\downarrow m7_{-28})^{1}} = (1) + \uparrow M6_{-7}(\downarrow m3_{+7})$

$6863 = 6863^{1} = \mathbf{(1) + \uparrow M6_{-6}(\downarrow m3_{+6})}$

$6864 = 2^{4}\bullet 3^{1}\bullet 11^{1}\bullet 13^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1}} = (1) + \uparrow M6_{-6}(\downarrow m3_{+6})$

$6865 = 5^{1}\bullet 1373^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow P4_{+8}(\downarrow P5_{-8})^{1}} = (1) + \uparrow M6_{-6}(\downarrow m3_{+6})$

$6866 = 2^{1}\bullet 3433^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M6_{-6}(\downarrow m3_{+6})^{1}} = (1) + \uparrow M6_{-6}(\downarrow m3_{+6})$

$6867 = 3^{2}\bullet 7^{1}\bullet 109^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M6_{+22}(\downarrow m3_{-22})^{1}} = (1) + \uparrow M6_{-5}(\downarrow m3_{+5})$

$6868 = 2^{2}\bullet 17^{1}\bullet 101^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow m6_{-10}(\downarrow M3_{+10})^{1}} = (1) + \uparrow M6_{-5}(\downarrow m3_{+5})$

$6869 = 6869^{1} = \mathbf{(1) + \uparrow M6_{-5}(\downarrow m3_{+5})}$

$6870 = 2^{1}\bullet 3^{1}\bullet 5^{1}\bullet 229^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{+7}(\downarrow M2_{-7})^{1}} = (1) + \uparrow M6_{-5}(\downarrow m3_{+5})$

$6871 = 6871^{1} = \mathbf{(1) + \uparrow M6_{-4}(\downarrow m3_{+4})}$

$6872 = 2^{3}\bullet 859^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow M6_{-4}(\downarrow m3_{+4})^{1}} = (1) + \uparrow M6_{-4}(\downarrow m3_{+4})$

$6873 = 3^{1}\bullet 29^{1}\bullet 79^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1} + \uparrow M3_{-35}(\downarrow m6_{+35})^{1}} = (1) + \uparrow M6_{-4}(\downarrow m3_{+4})$

$6874 = 2^{1}\bullet 7^{1}\bullet 491^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M7_{+27}(\downarrow m2_{-27})^{1}} = (1) + \uparrow M6_{-4}(\downarrow m3_{+4})$

$6875 = 5^{4}\bullet 11^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{4} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1}} = (1) + \uparrow M6_{-3}(\downarrow m3_{+3})$

$6876 = 2^{2}\bullet 3^{2}\bullet 191^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow P5_{-7}(\downarrow P4_{+7})^{1}} = (1) + \uparrow M6_{-3}(\downarrow m3_{+3})$

$6877 = 13^{1}\bullet 23^{2} = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{2}} = (1) + \uparrow M6_{-3}(\downarrow m3_{+3})$

$6878 = 2^{1}\bullet 19^{1}\bullet 181^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow tt_{+0}(\downarrow tt_{-0})^{1}} = (1) + \uparrow M6_{-3}(\downarrow m3_{+3})$

$6879 = 3^{1}\bullet 2293^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M2_{-4}(\downarrow m7_{+4})^{1}} = (1) + \uparrow M6_{-2}(\downarrow m3_{+2})$

$6880 = 2^{5}\bullet 5^{1}\bullet 43^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{5} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow P4_{+12}(\downarrow P5_{-12})^{1}} = (1) + \uparrow M6_{-2}(\downarrow m3_{+2})$

$6881 = 7^{1}\bullet 983^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M7_{+29}(\downarrow m2_{-29})^{1}} = (1) + \uparrow M6_{-2}(\downarrow m3_{+2})$

$6882 = 2^{1}\bullet 3^{1}\bullet 31^{1}\bullet 37^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1} + \uparrow m3_{-49}(\downarrow M6_{+49})^{1}} = (1) + \uparrow M6_{-2}(\downarrow m3_{+2})$

$6883 = 6883^{1} = \mathbf{(1) + \uparrow M6_{-1}(\downarrow m3_{+1})}$

$6884 = 2^{2}\bullet 1721^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M6_{-1}(\downarrow m3_{+1})^{1}} = (1) + \uparrow M6_{-1}(\downarrow m3_{+1})$

$6885 = 3^{4}\bullet 5^{1}\bullet 17^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{4} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1}} = (1) + \uparrow M6_{-1}(\downarrow m3_{+1})$

$6886 = 2^{1}\bullet 11^{1}\bullet 313^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m3_{+48}(\downarrow M6_{-48})^{1}} = (1) + \uparrow M6_{-1}(\downarrow m3_{+1})$

$6887 = 71^{1}\bullet 97^{1} = \mathbf{(1) + \uparrow M2_{-20}(\downarrow m7_{+20})^{1} + \uparrow P5_{+20}(\downarrow P4_{-20})^{1}} = (1) + \uparrow M6_{+0}(\downarrow m3_{-0})$

$6888 = 2^{3}\bullet 3^{1}\bullet 7^{1}\bullet 41^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M3_{+29}(\downarrow m6_{-29})^{1}} = (1) + \uparrow M6_{+0}(\downarrow m3_{-0})$

$6889 = 83^{2} = \mathbf{(1) + \uparrow P4_{-50}(\downarrow P5_{+50})^{2}} = (1) + \uparrow M6_{+0}(\downarrow m3_{-0})$

$6890 = 2^{1}\bullet 5^{1}\bullet 13^{1}\bullet 53^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow M6_{-26}(\downarrow m3_{+26})^{1}} = (1) + \uparrow M6_{+0}(\downarrow m3_{-0})$

$6891 = 3^{1}\bullet 2297^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M2_{-1}(\downarrow m7_{+1})^{1}} = (1) + \uparrow M6_{+1}(\downarrow m3_{-1})$

$6892 = 2^{2}\bullet 1723^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M6_{+1}(\downarrow m3_{-1})^{1}} = (1) + \uparrow M6_{+1}(\downarrow m3_{-1})$

$6893 = 61^{1}\bullet 113^{1} = \mathbf{(1) + \uparrow M7_{+17}(\downarrow m2_{-17})^{1} + \uparrow m7_{-16}(\downarrow M2_{+16})^{1}} = (1) + \uparrow M6_{+1}(\downarrow m3_{-1})$

$6894 = 2^{1}\bullet 3^{2}\bullet 383^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow P5_{-3}(\downarrow P4_{+3})^{1}} = (1) + \uparrow M6_{+1}(\downarrow m3_{-1})$

$6895 = 5^{1}\bullet 7^{1}\bullet 197^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow P5_{+46}(\downarrow P4_{-46})^{1}} = (1) + \uparrow M6_{+2}(\downarrow m3_{-2})$

$6896 = 2^{4}\bullet 431^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow M6_{+2}(\downarrow m3_{-2})^{1}} = (1) + \uparrow M6_{+2}(\downarrow m3_{-2})$

$6897 = 3^{1}\bullet 11^{2}\bullet 19^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{2} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1}} = (1) + \uparrow M6_{+2}(\downarrow m3_{-2})$

$6898 = 2^{1}\bullet 3449^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M6_{+2}(\downarrow m3_{-2})^{1}} = (1) + \uparrow M6_{+2}(\downarrow m3_{-2})$

$6899 = 6899^{1} = \mathbf{(1) + \uparrow M6_{+3}(\downarrow m3_{-3})}$

$6900 = 2^{2}\bullet 3^{1}\bullet 5^{2}\bullet 23^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1}} = (1) + \uparrow M6_{+3}(\downarrow m3_{-3})$

$6901 = 67^{1}\bullet 103^{1} = \mathbf{(1) + \uparrow m2_{-21}(\downarrow M7_{+21})^{1} + \uparrow m6_{+24}(\downarrow M3_{-24})^{1}} = (1) + \uparrow M6_{+3}(\downarrow m3_{-3})$

$6902 = 2^{1}\bullet 7^{1}\bullet 17^{1}\bullet 29^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1}} = (1) + \uparrow M6_{+3}(\downarrow m3_{-3})$

$6903 = 3^{2}\bullet 13^{1}\bullet 59^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow M7_{-41}(\downarrow m2_{+41})^{1}} = (1) + \uparrow M6_{+4}(\downarrow m3_{-4})$

$6904 = 2^{3}\bullet 863^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow M6_{+4}(\downarrow m3_{-4})^{1}} = (1) + \uparrow M6_{+4}(\downarrow m3_{-4})$

$6905 = 5^{1}\bullet 1381^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow P4_{+18}(\downarrow P5_{-18})^{1}} = (1) + \uparrow M6_{+4}(\downarrow m3_{-4})$

$6906 = 2^{1}\bullet 3^{1}\bullet 1151^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M2_{+2}(\downarrow m7_{-2})^{1}} = (1) + \uparrow M6_{+4}(\downarrow m3_{-4})$

$6907 = 6907^{1} = \mathbf{(1) + \uparrow M6_{+5}(\downarrow m3_{-5})}$

$6908 = 2^{2}\bullet 11^{1}\bullet 157^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow M3_{-46}(\downarrow m6_{+46})^{1}} = (1) + \uparrow M6_{+5}(\downarrow m3_{-5})$

$6909 = 3^{1}\bullet 7^{2}\bullet 47^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{2} + \uparrow P5_{-34}(\downarrow P4_{+34})^{1}} = (1) + \uparrow M6_{+5}(\downarrow m3_{-5})$

$6910 = 2^{1}\bullet 5^{1}\bullet 691^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow P4_{+19}(\downarrow P5_{-19})^{1}} = (1) + \uparrow M6_{+5}(\downarrow m3_{-5})$

$6911 = 6911^{1} = \mathbf{(1) + \uparrow M6_{+6}(\downarrow m3_{-6})}$

$6912 = 2^{8}\bullet 3^{3} = \mathbf{(1) + \updownarrow 8ve(uni)^{8} + \uparrow P5_{+2}(\downarrow P4_{-2})^{3}} = (1) + \uparrow M6_{+6}(\downarrow m3_{-6})$

$6913 = 31^{1}\bullet 223^{1} = \mathbf{(1) + \uparrow M7_{+45}(\downarrow m2_{-45})^{1} + \uparrow m7_{-39}(\downarrow M2_{+39})^{1}} = (1) + \uparrow M6_{+6}(\downarrow m3_{-6})$

$6914 = 2^{1}\bullet 3457^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M6_{+6}(\downarrow m3_{-6})^{1}} = (1) + \uparrow M6_{+6}(\downarrow m3_{-6})$

$6915 = 3^{1}\bullet 5^{1}\bullet 461^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{+18}(\downarrow M2_{-18})^{1}} = (1) + \uparrow M6_{+7}(\downarrow m3_{-7})$

$6916 = 2^{2}\bullet 7^{1}\bullet 13^{1}\bullet 19^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1}} = (1) + \uparrow M6_{+7}(\downarrow m3_{-7})$

$6917 = 6917^{1} = \mathbf{(1) + \uparrow M6_{+7}(\downarrow m3_{-7})}$

$6918 = 2^{1}\bullet 3^{1}\bullet 1153^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M2_{+5}(\downarrow m7_{-5})^{1}} = (1) + \uparrow M6_{+7}(\downarrow m3_{-7})$

$6919 = 11^{1}\bullet 17^{1}\bullet 37^{1} = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow m3_{-49}(\downarrow M6_{+49})^{1}} = (1) + \uparrow M6_{+8}(\downarrow m3_{-8})$

$6920 = 2^{3}\bullet 5^{1}\bullet 173^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow P4_{+22}(\downarrow P5_{-22})^{1}} = (1) + \uparrow M6_{+8}(\downarrow m3_{-8})$

$6921 = 3^{2}\bullet 769^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow P5_{+4}(\downarrow P4_{-4})^{1}} = (1) + \uparrow M6_{+8}(\downarrow m3_{-8})$

$6922 = 2^{1}\bullet 3461^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M6_{+8}(\downarrow m3_{-8})^{1}} = (1) + \uparrow M6_{+8}(\downarrow m3_{-8})$

$6923 = 7^{1}\bullet 23^{1}\bullet 43^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow P4_{+12}(\downarrow P5_{-12})^{1}} = (1) + \uparrow M6_{+9}(\downarrow m3_{-9})$

$6924 = 2^{2}\bullet 3^{1}\bullet 577^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M2_{+7}(\downarrow m7_{-7})^{1}} = (1) + \uparrow M6_{+9}(\downarrow m3_{-9})$

$6925 = 5^{2}\bullet 277^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow m2_{+36}(\downarrow M7_{-36})^{1}} = (1) + \uparrow M6_{+9}(\downarrow m3_{-9})$

$6926 = 2^{1}\bullet 3463^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M6_{+9}(\downarrow m3_{-9})^{1}} = (1) + \uparrow M6_{+9}(\downarrow m3_{-9})$

$6927 = 3^{1}\bullet 2309^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M2_{+8}(\downarrow m7_{-8})^{1}} = (1) + \uparrow M6_{+10}(\downarrow m3_{-10})$

$6928 = 2^{4}\bullet 433^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow M6_{+10}(\downarrow m3_{-10})^{1}} = (1) + \uparrow M6_{+10}(\downarrow m3_{-10})$

$6929 = 13^{2}\bullet 41^{1} = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^{2} + \uparrow M3_{+29}(\downarrow m6_{-29})^{1}} = (1) + \uparrow M6_{+10}(\downarrow m3_{-10})$

$6930 = 2^{1}\bullet 3^{2}\bullet 5^{1}\bullet 7^{1}\bullet 11^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1}} =$
$(1) + \uparrow M6_{+10}(\downarrow m3_{-10})$

$6931 = 29^{1}\bullet 239^{1} = \mathbf{(1) + \uparrow m7_{+30}(\downarrow M2_{-30})^{1} + \uparrow M7_{-19}(\downarrow m2_{+19})^{1}} = (1) + \uparrow M6_{+11}(\downarrow m3_{-11})$

$6932 = 2^{2}\bullet 1733^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M6_{+11}(\downarrow m3_{-11})^{1}} = (1) + \uparrow M6_{+11}(\downarrow m3_{-11})$

$6933 = 3^{1}\bullet 2311^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M2_{+9}(\downarrow m7_{-9})^{1}} = (1) + \uparrow M6_{+11}(\downarrow m3_{-11})$

$6934 = 2^{1}\bullet 3467^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M6_{+11}(\downarrow m3_{-11})^{1}} = (1) + \uparrow M6_{+11}(\downarrow m3_{-11})$

$6935 = 5^{1}\bullet 19^{1}\bullet 73^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow M2_{+28}(\downarrow m7_{-28})^{1}} = (1) + \uparrow M6_{+12}(\downarrow m3_{-12})$

$6936 = 2^{3}\bullet 3^{1}\bullet 17^{2} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{2}} = (1) + \uparrow M6_{+12}(\downarrow m3_{-12})$

$6937 = 7^{1}\bullet 991^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M7_{+43}(\downarrow m2_{-43})^{1}} = (1) + \uparrow M6_{+12}(\downarrow m3_{-12})$

$6938 = 2^{1}\bullet 3469^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M6_{+12}(\downarrow m3_{-12})^{1}} = (1) + \uparrow M6_{+12}(\downarrow m3_{-12})$

$6939 = 3^{3}\bullet 257^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow uni_{+7}(\downarrow 8ve_{-7})^{1}} = (1) + \uparrow M6_{+13}(\downarrow m3_{-13})$

$6940 = 2^{2}\bullet 5^{1}\bullet 347^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow P4_{+27}(\downarrow P5_{-27})^{1}} = (1) + \uparrow M6_{+13}(\downarrow m3_{-13})$

$6941 = 11^{1}\bullet 631^{1} = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow M3_{-38}(\downarrow m6_{+38})^{1}} = (1) + \uparrow M6_{+13}(\downarrow m3_{-13})$

$6942 = 2^{1}\bullet 3^{1}\bullet 13^{1}\bullet 89^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow tt_{-29}(\downarrow tt_{+29})^{1}} = (1) + \uparrow M6_{+13}(\downarrow m3_{-13})$

$6943 = 53^{1}\bullet 131^{1} = \mathbf{(1) + \uparrow M6_{-26}(\downarrow m3_{+26})^{1} + \uparrow uni_{+40}(\downarrow 8ve_{-40})^{1}} = (1) + \uparrow M6_{+14}(\downarrow m3_{-14})$

$6944 = 2^{5}\bullet 7^{1}\bullet 31^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{5} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1}} = (1) + \uparrow M6_{+14}(\downarrow m3_{-14})$

$6945 = 3^{1}\bullet 5^{1}\bullet 463^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{+26}(\downarrow M2_{-26})^{1}} = (1) + \uparrow M6_{+14}(\downarrow m3_{-14})$

$6946 = 2^{1}\bullet 23^{1}\bullet 151^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow m3_{-14}(\downarrow M6_{+14})^{1}} = (1) + \uparrow M6_{+14}(\downarrow m3_{-14})$

$6947 = 6947^{1} = \mathbf{(1) + \uparrow M6_{+15}(\downarrow m3_{-15})}$

$6948 = 2^{2}\bullet 3^{2}\bullet 193^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow P5_{+11}(\downarrow P4_{-11})^{1}} = (1) + \uparrow M6_{+15}(\downarrow m3_{-15})$

$6949 = 6949^{1} = \mathbf{(1) + \uparrow M6_{+15}(\downarrow m3_{-15})}$

$6950 = 2^{1}\bullet 5^{2}\bullet 139^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow m2_{+43}(\downarrow M7_{-43})^{1}} = (1) + \uparrow M6_{+15}(\downarrow m3_{-15})$

$6951 = 3^{1}\bullet 7^{1}\bullet 331^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M3_{+45}(\downarrow m6_{-45})^{1}} = (1) + \uparrow M6_{+16}(\downarrow m3_{-16})$

$6952 = 2^{3}\bullet 11^{1}\bullet 79^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow M3_{-35}(\downarrow m6_{+35})^{1}} = (1) + \uparrow M6_{+16}(\downarrow m3_{-16})$

$6953 = 17^{1}\bullet 409^{1} = \mathbf{(1) + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow m6_{+11}(\downarrow M3_{-11})^{1}} = (1) + \uparrow M6_{+16}(\downarrow m3_{-16})$

$6954 = 2^{1}\bullet 3^{1}\bullet 19^{1}\bullet 61^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow M7_{+17}(\downarrow m2_{-17})^{1}} = (1) + \uparrow M6_{+16}(\downarrow m3_{-16})$

$6955 = 5^{1}\bullet 13^{1}\bullet 107^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow M6_{-10}(\downarrow m3_{+10})^{1}} = (1) + \uparrow M6_{+17}(\downarrow m3_{-17})$

$6956 = 2^{2}\bullet 37^{1}\bullet 47^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m3_{-49}(\downarrow M6_{+49})^{1} + \uparrow P5_{-34}(\downarrow P4_{+34})^{1}} = (1) + \uparrow M6_{+17}(\downarrow m3_{-17})$

$6957 = 3^{2}\bullet 773^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow P5_{+13}(\downarrow P4_{-13})^{1}} = (1) + \uparrow M6_{+17}(\downarrow m3_{-17})$

$6958 = 2^1 \bullet 7^2 \bullet 71^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^2 + \uparrow M2_{-20}(\downarrow m7_{+20})^1} = (1) + \uparrow M6_{+17}(\downarrow m3_{-17})$

$6959 = 6959^1 = \mathbf{(1) + \uparrow M6_{+18}(\downarrow m3_{-18})}$

$6960 = 2^4 \bullet 3^1 \bullet 5^1 \bullet 29^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1} = (1) + \uparrow M6_{+18}(\downarrow m3_{-18})$

$6961 = 6961^1 = \mathbf{(1) + \uparrow M6_{+18}(\downarrow m3_{-18})}$

$6962 = 2^1 \bullet 59^2 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M7_{-41}(\downarrow m2_{+41})^2} = (1) + \uparrow M6_{+18}(\downarrow m3_{-18})$

$6963 = 3^1 \bullet 11^1 \bullet 211^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow M6_{-35}(\downarrow m3_{+35})^1} = (1) + \uparrow M6_{+19}(\downarrow m3_{-19})$

$6964 = 2^2 \bullet 1741^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M6_{+19}(\downarrow m3_{-19})^1} = (1) + \uparrow M6_{+19}(\downarrow m3_{-19})$

$6965 = 5^1 \bullet 7^1 \bullet 199^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m6_{-36}(\downarrow M3_{+36})^1} = (1) + \uparrow M6_{+19}(\downarrow m3_{-19})$

$6966 = 2^1 \bullet 3^4 \bullet 43^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^4 + \uparrow P4_{+12}(\downarrow P5_{-12})^1} = (1) + \uparrow M6_{+19}(\downarrow m3_{-19})$

$6967 = 6967^1 = \mathbf{(1) + \uparrow M6_{+20}(\downarrow m3_{-20})}$

$6968 = 2^3 \bullet 13^1 \bullet 67^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow m2_{-21}(\downarrow M7_{+21})^1} = (1) + \uparrow M6_{+20}(\downarrow m3_{-20})$

$6969 = 3^1 \bullet 23^1 \bullet 101^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow m6_{-10}(\downarrow M3_{+10})^1} = (1) + \uparrow M6_{+20}(\downarrow m3_{-20})$

$6970 = 2^1 \bullet 5^1 \bullet 17^1 \bullet 41^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow M3_{+29}(\downarrow m6_{-29})^1} = (1) + \uparrow M6_{+20}(\downarrow m3_{-20})$

$6971 = 6971^1 = \mathbf{(1) + \uparrow M6_{+21}(\downarrow m3_{-21})}$

$6972 = 2^2 \bullet 3^1 \bullet 7^1 \bullet 83^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow P4_{-50}(\downarrow P5_{+50})^1} = (1) + \uparrow M6_{+21}(\downarrow m3_{-21})$

$6973 = 19^1 \bullet 367^1 = \mathbf{(1) + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow tt_{+24}(\downarrow tt_{-24})^1} = (1) + \uparrow M6_{+21}(\downarrow m3_{-21})$

$6974 = 2^1 \bullet 11^1 \bullet 317^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow M3_{-30}(\downarrow m6_{+30})^1} = (1) + \uparrow M6_{+21}(\downarrow m3_{-21})$

$6975 = 3^2 \bullet 5^2 \bullet 31^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow M7_{+45}(\downarrow m2_{-45})^1} = (1) + \uparrow M6_{+22}(\downarrow m3_{-22})$

$6976 = 2^6 \bullet 109^1 = \mathbf{(1) + \updownarrow 8ve(uni)^6 + \uparrow M6_{+22}(\downarrow m3_{-22})^1} = (1) + \uparrow M6_{+22}(\downarrow m3_{-22})$

$6977 = 6977^1 = \mathbf{(1) + \uparrow M6_{+22}(\downarrow m3_{-22})}$

$6978 = 2^1 \bullet 3^1 \bullet 1163^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M2_{+20}(\downarrow m7_{-20})^1} = (1) + \uparrow M6_{+22}(\downarrow m3_{-22})$

$6979 = 7^1 \bullet 997^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow 8ve_{-46}(\downarrow uni_{+46})^1} = (1) + \uparrow M6_{+23}(\downarrow m3_{-23})$

$6980 = 2^2 \bullet 5^1 \bullet 349^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow P4_{+36}(\downarrow P5_{-36})^1} = (1) + \uparrow M6_{+23}(\downarrow m3_{-23})$

$6981 = 3^1 \bullet 13^1 \bullet 179^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow tt_{-19}(\downarrow tt_{+19})^1} = (1) + \uparrow M6_{+23}(\downarrow m3_{-23})$

$6982 = 2^1 \bullet 3491^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M6_{+23}(\downarrow m3_{-23})^1} = (1) + \uparrow M6_{+23}(\downarrow m3_{-23})$

$6983 = 6983^1 = \mathbf{(1) + \uparrow M6_{+24}(\downarrow m3_{-24})}$

$6984 = 2^3 \bullet 3^2 \bullet 97^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow P5_{+20}(\downarrow P4_{-20})^1} = (1) + \uparrow M6_{+24}(\downarrow m3_{-24})$

$6985 = 5^1 \bullet 11^1 \bullet 127^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow 8ve_{-14}(\downarrow uni_{+14})^1} = (1) + \uparrow M6_{+24}(\downarrow m3_{-24})$

$6986 = 2^1 \bullet 7^1 \bullet 499^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow 8ve_{-45}(\downarrow uni_{+45})^1} = (1) + \uparrow M6_{+24}(\downarrow m3_{-24})$

$6987 = 3^1 \bullet 17^1 \bullet 137^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow m2_{+18}(\downarrow M7_{-18})^1} = (1) + \uparrow M6_{+25}(\downarrow m3_{-25})$

$6988 = 2^2 \bullet 1747^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M6_{+25}(\downarrow m3_{-25})^1} = (1) + \uparrow M6_{+25}(\downarrow m3_{-25})$

$6989 = 29^1 \bullet 241^1 = \mathbf{(1) + \uparrow m7_{+30}(\downarrow M2_{-30})^1 + \uparrow M7_{-5}(\downarrow m2_{+5})^1} = (1) + \uparrow M6_{+25}(\downarrow m3_{-25})$

$6990 = 2^1 \bullet 3^1 \bullet 5^1 \bullet 233^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{+37}(\downarrow M2_{-37})^1} = (1) + \uparrow M6_{+25}(\downarrow m3_{-25})$

$6991 = 6991^1 = \mathbf{(1) + \uparrow M6_{+26}(\downarrow m3_{-26})}$

$6992 = 2^4 \bullet 19^1 \bullet 23^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1} = (1) + \uparrow M6_{+26}(\downarrow m3_{-26})$

$6993 = 3^3 \bullet 7^1 \bullet 37^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m3_{-49}(\downarrow M6_{+49})^1} = (1) + \uparrow M6_{+26}(\downarrow m3_{-26})$

$6994 = 2^1 \bullet 13^1 \bullet 269^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow m2_{-14}(\downarrow M7_{+14})^1} = (1) + \uparrow M6_{+26}(\downarrow m3_{-26})$

$6995 = 5^1 \bullet 1399^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow P4_{+40}(\downarrow P5_{-40})^1} = (1) + \uparrow M6_{+27}(\downarrow m3_{-27})$

$6996 = 2^2 \bullet 3^1 \bullet 11^1 \bullet 53^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow M6_{-26}(\downarrow m3_{+26})^1} = (1) + \uparrow M6_{+27}(\downarrow m3_{-27})$

$6997 = 6997^1 = \mathbf{(1) + \uparrow M6_{+27}(\downarrow m3_{-27})}$

$6998 = 2^1 \bullet 3499^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M6_{+27}(\downarrow m3_{-27})^1} = (1) + \uparrow M6_{+27}(\downarrow m3_{-27})$

$6999 = 3^1 \bullet 2333^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M2_{+26}(\downarrow m7_{-26})^1} = (1) + \uparrow M6_{+28}(\downarrow m3_{-28})$

$7000 = 2^3 \bullet 5^3 \bullet 7^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow M3_{-14}(\downarrow m6_{+14})^3 + \uparrow m7_{-31}(\downarrow M2_{+31})^1} = (1) + \uparrow M6_{+28}(\downarrow m3_{-28})$

$7001 = 7001^1 = \mathbf{(1) + \uparrow M6_{+28}(\downarrow m3_{-28})}$

$7002 = 2^1 \bullet 3^2 \bullet 389^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow P5_{+24}(\downarrow P4_{-24})^1} = (1) + \uparrow M6_{+28}(\downarrow m3_{-28})$

$7003 = 47^1 \bullet 149^1 = \mathbf{(1) + \uparrow P5_{-34}(\downarrow P4_{+34})^1 + \uparrow m3_{-37}(\downarrow M6_{+37})^1} = (1) + \uparrow M6_{+29}(\downarrow m3_{-29})$

$7004 = 2^2 \bullet 17^1 \bullet 103^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow m6_{+24}(\downarrow M3_{-24})^1} = (1) + \uparrow M6_{+29}(\downarrow m3_{-29})$

$7005 = 3^1 \bullet 5^1 \bullet 467^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{+41}(\downarrow M2_{-41})^1} = (1) + \uparrow M6_{+29}(\downarrow m3_{-29})$

$7006 = 2^1 \bullet 31^1 \bullet 113^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M7_{+45}(\downarrow m2_{-45})^1 + \uparrow m7_{-16}(\downarrow M2_{+16})^1} = (1) + \uparrow M6_{+29}(\downarrow m3_{-29})$

$7007 = 7^2 \bullet 11^1 \bullet 13^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^2 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1} = (1) + \uparrow M6_{+29}(\downarrow m3_{-29})$

$7008 = 2^5 \bullet 3^1 \bullet 73^1 = \mathbf{(1) + \updownarrow 8ve(uni)^5 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M2_{+28}(\downarrow m7_{-28})^1} = (1) + \uparrow M6_{+30}(\downarrow m3_{-30})$

$7009 = 43^1 \bullet 163^1 = \mathbf{(1) + \uparrow P4_{+12}(\downarrow P5_{-12})^1 + \uparrow M3_{+18}(\downarrow m6_{-18})^1} = (1) + \uparrow M6_{+30}(\downarrow m3_{-30})$

$7010 = 2^1 \bullet 5^1 \bullet 701^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow P4_{+44}(\downarrow P5_{-44})^1} = (1) + \uparrow M6_{+30}(\downarrow m3_{-30})$

$7011 = 3^2 \bullet 19^1 \bullet 41^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow M3_{+29}(\downarrow m6_{-29})^1} = (1) + \uparrow M6_{+30}(\downarrow m3_{-30})$

$7012 = 2^2 \bullet 1753^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M6_{+31}(\downarrow m3_{-31})^1} = (1) + \uparrow M6_{+31}(\downarrow m3_{-31})$

$7013 = 7013^1 = \mathbf{(1) + \uparrow M6_{+31}(\downarrow m3_{-31})}$

$7014 = 2^1 \bullet 3^1 \bullet 7^1 \bullet 167^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow P4_{-40}(\downarrow P5_{+40})^1} = (1) + \uparrow M6_{+31}(\downarrow m3_{-31})$

$7015 = 5^1 \bullet 23^1 \bullet 61^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow M7_{+17}(\downarrow m2_{-17})^1} = (1) + \uparrow M6_{+31}(\downarrow m3_{-31})$

$7016 = 2^3 \bullet 877^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow M6_{+32}(\downarrow m3_{-32})^1} = (1) + \uparrow M6_{+32}(\downarrow m3_{-32})$

$7017 = 3^1 \bullet 2339^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M2_{+30}(\downarrow m7_{-30})^1} = (1) + \uparrow M6_{+32}(\downarrow m3_{-32})$

$7018 = 2^1 \bullet 11^2 \bullet 29^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^2 + \uparrow m7_{+30}(\downarrow M2_{-30})^1} = (1) + \uparrow M6_{+32}(\downarrow m3_{-32})$

$7019 = 7019^1 = \mathbf{(1) + \uparrow M6_{+32}(\downarrow m3_{-32})}$

$7020 = 2^2 \bullet 3^3 \bullet 5^1 \bullet 13^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1} = (1) + \uparrow M6_{+33}(\downarrow m3_{-33})$

$7021 = 7^1 \bullet 17^1 \bullet 59^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow M7_{-41}(\downarrow m2_{+41})^1} = (1) + \uparrow M6_{+33}(\downarrow m3_{-33})$

$7022 = 2^1 \bullet 3511^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M6_{+33}(\downarrow m3_{-33})^1} = (1) + \uparrow M6_{+33}(\downarrow m3_{-33})$

$7023 = 3^1 \bullet 2341^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M2_{+31}(\downarrow m7_{-31})^1} = (1) + \uparrow M6_{+33}(\downarrow m3_{-33})$

$7024 = 2^4 \bullet 439^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow M6_{+34}(\downarrow m3_{-34})^1} = (1) + \uparrow M6_{+34}(\downarrow m3_{-34})$

$7025 = 5^2 \bullet 281^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow M2_{-39}(\downarrow m7_{+39})^1} = (1) + \uparrow M6_{+34}(\downarrow m3_{-34})$

$7026 = 2^1 \bullet 3^1 \bullet 1171^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M2_{+32}(\downarrow m7_{-32})^1} = (1) + \uparrow M6_{+34}(\downarrow m3_{-34})$

$7027 = 7027^1 = \mathbf{(1) + \uparrow M6_{+34}(\downarrow m3_{-34})}$

$7028 = 2^2 \bullet 7^1 \bullet 251^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow 8ve_{-34}(\downarrow uni_{+34})^1} = (1) + \uparrow M6_{+35}(\downarrow m3_{-35})$

$7029 = 3^2 \bullet 11^1 \bullet 71^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow M2_{-20}(\downarrow m7_{+20})^1} = (1) + \uparrow M6_{+35}(\downarrow m3_{-35})$

$7030 = 2^1 \bullet 5^1 \bullet 19^1 \bullet 37^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow m3_{-49}(\downarrow M6_{+49})^1} = (1) + \uparrow M6_{+35}(\downarrow m3_{-35})$

$7031 = 79^1 \bullet 89^1 = \mathbf{(1) + \uparrow M3_{-35}(\downarrow m6_{+35})^1 + \uparrow tt_{-29}(\downarrow tt_{+29})^1} = (1) + \uparrow M6_{+35}(\downarrow m3_{-35})$

$7032 = 2^3 \bullet 3^1 \bullet 293^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M2_{+34}(\downarrow m7_{-34})^1} = (1) + \uparrow M6_{+36}(\downarrow m3_{-36})$

$7033 = 13^1 \bullet 541^1 = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow m2_{-5}(\downarrow M7_{+5})^1} = (1) + \uparrow M6_{+36}(\downarrow m3_{-36})$

$7034 = 2^1 \bullet 3517^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M6_{+36}(\downarrow m3_{-36})^1} = (1) + \uparrow M6_{+36}(\downarrow m3_{-36})$

$7035 = 3^1 \bullet 5^1 \bullet 7^1 \bullet 67^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m2_{-21}(\downarrow M7_{+21})^1} = (1) + \uparrow M6_{+36}(\downarrow m3_{-36})$

$7036 = 2^2 \bullet 1759^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M6_{+37}(\downarrow m3_{-37})^1} = (1) + \uparrow M6_{+37}(\downarrow m3_{-37})$

$7037 = 31^1 \bullet 227^1 = \mathbf{(1) + \uparrow M7_{+45}(\downarrow m2_{-45})^1 + \uparrow m7_{-8}(\downarrow M2_{+8})^1} = (1) + \uparrow M6_{+37}(\downarrow m3_{-37})$

$7038 = 2^1 \bullet 3^2 \bullet 17^1 \bullet 23^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1} = (1) + \uparrow M6_{+37}(\downarrow m3_{-37})$

$7039 = 7039^1 = \mathbf{(1) + \uparrow M6_{+37}(\downarrow m3_{-37})}$

$7040 = 2^7 \bullet 5^1 \bullet 11^1 = \mathbf{(1) + \updownarrow 8ve(uni)^7 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1} = (1) + \uparrow M6_{+38}(\downarrow m3_{-38})$

$7041 = 3^1 \bullet 2347^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M2_{+36}(\downarrow m7_{-36})^1} = (1) + \uparrow M6_{+38}(\downarrow m3_{-38})$

$7042 = 2^1 \bullet 7^1 \bullet 503^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow 8ve_{-31}(\downarrow uni_{+31})^1} = (1) + \uparrow M6_{+38}(\downarrow m3_{-38})$

$7043 = 7043^1 = \mathbf{(1) + \uparrow M6_{+38}(\downarrow m3_{-38})}$

$7044 = 2^2 \bullet 3^1 \bullet 587^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M2_{+37}(\downarrow m7_{-37})^1} = (1) + \uparrow M6_{+39}(\downarrow m3_{-39})$

$7045 = 5^1 \bullet 1409^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{-47}(\downarrow tt_{+47})^1} = (1) + \uparrow M6_{+39}(\downarrow m3_{-39})$

$7046 = 2^1 \bullet 13^1 \bullet 271^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow m2_{-1}(\downarrow M7_{+1})^1} = (1) + \uparrow M6_{+39}(\downarrow m3_{-39})$

$7047 = 3^5 \bullet 29^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^5 + \uparrow m7_{+30}(\downarrow M2_{-30})^1} = (1) + \uparrow M6_{+39}(\downarrow m3_{-39})$

$7048 = 2^3 \bullet 881^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow M6_{+40}(\downarrow m3_{-40})^1} = (1) + \uparrow M6_{+40}(\downarrow m3_{-40})$

$7049 = 7^1 \bullet 19^1 \bullet 53^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow M6_{-26}(\downarrow m3_{+26})^1} = (1) + \uparrow M6_{+40}(\downarrow m3_{-40})$

$7050 = 2^1 \bullet 3^1 \bullet 5^2 \bullet 47^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow P5_{-34}(\downarrow P4_{+34})^1} = (1) + \uparrow M6_{+40}(\downarrow m3_{-40})$

$7051 = 11^1 \bullet 641^1 = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow M3_{-11}(\downarrow m6_{+11})^1} = (1) + \uparrow M6_{+40}(\downarrow m3_{-40})$

$7052 = 2^2 \bullet 41^1 \bullet 43^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M3_{+29}(\downarrow m6_{-29})^1 + \uparrow P4_{+12}(\downarrow P5_{-12})^1} = (1) + \uparrow M6_{+41}(\downarrow m3_{-41})$

$7053 = 3^1 \bullet 2351^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M2_{+39}(\downarrow m7_{-39})^1} = (1) + \uparrow M6_{+41}(\downarrow m3_{-41})$

$7054 = 2^1 \bullet 3527^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M6_{+41}(\downarrow m3_{-41})^1} = (1) + \uparrow M6_{+41}(\downarrow m3_{-41})$

$7055 = 5^1 \bullet 17^1 \bullet 83^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow P4_{-50}(\downarrow P5_{+50})^1} = (1) + \uparrow M6_{+41}(\downarrow m3_{-41})$

$7056 = 2^4 \bullet 3^2 \bullet 7^2 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m7_{-31}(\downarrow M2_{+31})^2} = (1) + \uparrow M6_{+42}(\downarrow m3_{-42})$

$7057 = 7057^1 = \mathbf{(1) + \uparrow M6_{+42}(\downarrow m3_{-42})}$

$7058 = 2^1 \bullet 3529^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M6_{+42}(\downarrow m3_{-42})^1} = (1) + \uparrow M6_{+42}(\downarrow m3_{-42})$

$7059 = 3^1 \bullet 13^1 \bullet 181^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow tt_{+0}(\downarrow tt_{-0})^1} = (1) + \uparrow M6_{+42}(\downarrow m3_{-42})$

$7060 = 2^2 \bullet 5^1 \bullet 353^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{-44}(\downarrow tt_{+44})^1} = (1) + \uparrow M6_{+43}(\downarrow m3_{-43})$

$7061 = 23^1 \bullet 307^1 = \mathbf{(1) + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow m3_{+15}(\downarrow M6_{-15})^1} = (1) + \uparrow M6_{+43}(\downarrow m3_{-43})$

$7062 = 2^1 \bullet 3^1 \bullet 11^1 \bullet 107^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow M6_{-10}(\downarrow m3_{+10})^1} = (1) + \uparrow M6_{+43}(\downarrow m3_{-43})$

$7063 = 7^1 \bullet 1009^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow 8ve_{-26}(\downarrow uni_{+26})^1} = (1) + \uparrow M6_{+43}(\downarrow m3_{-43})$

$7064 = 2^3 \bullet 883^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow M6_{+44}(\downarrow m3_{-44})^1} = (1) + \uparrow M6_{+44}(\downarrow m3_{-44})$

$7065 = 3^2 \bullet 5^1 \bullet 157^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M3_{-46}(\downarrow m6_{+46})^1} = (1) + \uparrow M6_{+44}(\downarrow m3_{-44})$

$7066 = 2^1 \bullet 3533^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M6_{+44}(\downarrow m3_{-44})^1} = (1) + \uparrow M6_{+44}(\downarrow m3_{-44})$

$7067 = 37^1 \bullet 191^1 = \mathbf{(1) + \uparrow m3_{-49}(\downarrow M6_{+49})^1 + \uparrow P5_{-7}(\downarrow P4_{+7})^1} = (1) + \uparrow M6_{+44}(\downarrow m3_{-44})$

$7068 = 2^2 \bullet 3^1 \bullet 19^1 \bullet 31^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow M7_{+45}(\downarrow m2_{-45})^1} = (1) + \uparrow M6_{+45}(\downarrow m3_{-45})$

$7069 = 7069^1 = \mathbf{(1) + \uparrow M6_{+45}(\downarrow m3_{-45})}$

$7070 = 2^1 \bullet 5^1 \bullet 7^1 \bullet 101^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m6_{-10}(\downarrow M3_{+10})^1} = (1) + \uparrow M6_{+45}(\downarrow m3_{-45})$

$7071 = 3^1 \bullet 2357^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M2_{+43}(\downarrow m7_{-43})^1} = (1) + \uparrow M6_{+45}(\downarrow m3_{-45})$

$7072 = 2^5 \bullet 13^1 \bullet 17^1 = \mathbf{(1) + \updownarrow 8ve(uni)^5 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1} = (1) + \uparrow M6_{+45}(\downarrow m3_{-45})$

$7073 = 11^1 \bullet 643^1 = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow M3_{-6}(\downarrow m6_{+6})^1} = (1) + \uparrow M6_{+46}(\downarrow m3_{-46})$

$7074 = 2^1 \bullet 3^3 \bullet 131^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow uni_{+40}(\downarrow 8ve_{-40})^1} = (1) + \uparrow M6_{+46}(\downarrow m3_{-46})$

$7075 = 5^2 \bullet 283^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow M2_{-26}(\downarrow m7_{+26})^1} = (1) + \uparrow M6_{+46}(\downarrow m3_{-46})$

$7076 = 2^2 \bullet 29^1 \bullet 61^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m7_{+30}(\downarrow M2_{-30})^1 + \uparrow M7_{+17}(\downarrow m2_{-17})^1} = (1) + \uparrow M6_{+46}(\downarrow m3_{-46})$

$7077 = 3^1 \bullet 7^1 \bullet 337^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow P4_{-24}(\downarrow P5_{+24})^1} = (1) + \uparrow M6_{+47}(\downarrow m3_{-47})$

$7078 = 2^1 \bullet 3539^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M6_{+47}(\downarrow m3_{-47})^1} = (1) + \uparrow M6_{+47}(\downarrow m3_{-47})$

$7079 = 7079^1 = \mathbf{(1) + \uparrow M6_{+47}(\downarrow m3_{-47})}$

$7080 = 2^3 \bullet 3^1 \bullet 5^1 \bullet 59^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M7_{-41}(\downarrow m2_{+41})^1} = (1) + \uparrow M6_{+47}(\downarrow m3_{-47})$

$7081 = 73^1 \bullet 97^1 = \mathbf{(1) + \uparrow M2_{+28}(\downarrow m7_{-28})^1 + \uparrow P5_{+20}(\downarrow P4_{-20})^1} = (1) + \uparrow M6_{+48}(\downarrow m3_{-48})$

$7082 = 2^1 \bullet 3541^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M6_{+48}(\downarrow m3_{-48})^1} = (1) + \uparrow M6_{+48}(\downarrow m3_{-48})$

$7083 = 3^2 \bullet 787^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow P5_{+44}(\downarrow P4_{-44})^1} = (1) + \uparrow M6_{+48}(\downarrow m3_{-48})$

$7084 = 2^2 \bullet 7^1 \bullet 11^1 \bullet 23^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1} = (1) + \uparrow M6_{+48}(\downarrow m3_{-48})$

$7085 = 5^1 \bullet 13^1 \bullet 109^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow M6_{+22}(\downarrow m3_{-22})^1} = (1) + \uparrow M6_{+49}(\downarrow m3_{-49})$

$7086 = 2^1 \bullet 3^1 \bullet 1181^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M2_{+47}(\downarrow m7_{-47})^1} = (1) + \uparrow M6_{+49}(\downarrow m3_{-49})$

$7087 = 19^1 \bullet 373^1 = \mathbf{(1) + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow P5_{-48}(\downarrow P4_{+48})^1} = (1) + \uparrow M6_{+49}(\downarrow m3_{-49})$

$7088 = 2^4 \bullet 443^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow M6_{+49}(\downarrow m3_{-49})^1} = (1) + \uparrow M6_{+49}(\downarrow m3_{-49})$

$7089 = 3^1 \bullet 17^1 \bullet 139^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow m2_{+43}(\downarrow M7_{-43})^1} = (1) + \uparrow M6_{+50}(\downarrow m3_{-50})$

$7090 = 2^1 \bullet 5^1 \bullet 709^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{-36}(\downarrow tt_{+36})^1} = (1) + \uparrow M6_{+50}(\downarrow m3_{-50})$

$7091 = 7^1 \bullet 1013^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow 8ve_{-19}(\downarrow uni_{+19})^1} = (1) + \uparrow m7_{-50}(\downarrow M2_{+50})$

$7092 = 2^2 \bullet 3^2 \bullet 197^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow P5_{+46}(\downarrow P4_{-46})^1} = (1) + \uparrow m7_{-50}(\downarrow M2_{+50})$

$7093 = 41^1 \bullet 173^1 = \mathbf{(1) + \uparrow M3_{+29}(\downarrow m6_{-29})^1 + \uparrow P4_{+22}(\downarrow P5_{-22})^1} = (1) + \uparrow m7_{-49}(\downarrow M2_{+49})$

$7094 = 2^1 \bullet 3547^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-49}(\downarrow M2_{+49})^1} = (1) + \uparrow m7_{-49}(\downarrow M2_{+49})$

$7095 = 3^1 \bullet 5^1 \bullet 11^1 \bullet 43^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow P4_{+12}(\downarrow P5_{-12})^1} = (1) + \uparrow m7_{-49}(\downarrow M2_{+49})$

$7096 = 2^3 \bullet 887^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow m7_{-49}(\downarrow M2_{+49})^1} = (1) + \uparrow m7_{-49}(\downarrow M2_{+49})$

$7097 = 47^1 \bullet 151^1 = \mathbf{(1) + \uparrow P5_{-34}(\downarrow P4_{+34})^1 + \uparrow m3_{-14}(\downarrow M6_{+14})^1} = (1) + \uparrow m7_{-48}(\downarrow M2_{+48})$

$7098 = 2^1 \bullet 3^1 \bullet 7^1 \bullet 13^2 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^2} = (1) + \uparrow m7_{-48}(\downarrow M2_{+48})$

$7099 = 31^1 \bullet 229^1 = \mathbf{(1) + \uparrow M7_{+45}(\downarrow m2_{-45})^1 + \uparrow m7_{+7}(\downarrow M2_{-7})^1} = (1) + \uparrow m7_{-48}(\downarrow M2_{+48})$

$7100 = 2^2 \bullet 5^2 \bullet 71^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow M2_{-20}(\downarrow m7_{+20})^1} = (1) + \uparrow m7_{-48}(\downarrow M2_{+48})$

$7101 = 3^3 \bullet 263^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow uni_{+47}(\downarrow 8ve_{-47})^1} = (1) + \uparrow m7_{-47}(\downarrow M2_{+47})$

$7102 = 2^1 \bullet 53^1 \bullet 67^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M6_{-26}(\downarrow m3_{+26})^1 + \uparrow m2_{-21}(\downarrow M7_{+21})^1} = (1) + \uparrow m7_{-47}(\downarrow M2_{+47})$

$7103 = 7103^1 = \mathbf{(1) + \uparrow m7_{-47}(\downarrow M2_{+47})}$

$7104 = 2^6 \bullet 3^1 \bullet 37^1 = \mathbf{(1) + \updownarrow 8ve(uni)^6 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m3_{-49}(\downarrow M6_{+49})^1} = (1) + \uparrow m7_{-47}(\downarrow M2_{+47})$

$7105 = 5^1 \bullet 7^2 \bullet 29^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^2 + \uparrow m7_{+30}(\downarrow M2_{-30})^1} = (1) + \uparrow m7_{-46}(\downarrow M2_{+46})$

$7106 = 2^1 \bullet 11^1 \bullet 17^1 \bullet 19^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1} = (1) + \uparrow m7_{-46}(\downarrow M2_{+46})$

$7107 = 3^1 \bullet 23^1 \bullet 103^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow m6_{+24}(\downarrow M3_{-24})^1} = (1) + \uparrow m7_{-46}(\downarrow M2_{+46})$

$7108 = 2^2 \bullet 1777^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m7_{-46}(\downarrow M2_{+46})^1} = (1) + \uparrow m7_{-46}(\downarrow M2_{+46})$

$7109 = 7109^1 = \mathbf{(1) + \uparrow m7_{-45}(\downarrow M2_{+45})}$

$7110 = 2^1 \bullet 3^2 \bullet 5^1 \bullet 79^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M3_{-35}(\downarrow m6_{+35})^1} = (1) + \uparrow m7_{-45}(\downarrow M2_{+45})$

$7111 = 13^1 \bullet 547^1 = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow m2_{+14}(\downarrow M7_{-14})^1} = (1) + \uparrow m7_{-45}(\downarrow M2_{+45})$

$7112 = 2^3 \bullet 7^1 \bullet 127^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow 8ve_{-14}(\downarrow uni_{+14})^1} = (1) + \uparrow m7_{-45}(\downarrow M2_{+45})$

$7113 = 3^1 \bullet 2371^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m3_{-46}(\downarrow M6_{+46})^1} = (1) + \uparrow m7_{-45}(\downarrow M2_{+45})$

$7114 = 2^1 \bullet 3557^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-44}(\downarrow M2_{+44})^1} = (1) + \uparrow m7_{-44}(\downarrow M2_{+44})$

$7115 = 5^1 \bullet 1423^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{-30}(\downarrow tt_{+30})^1} = (1) + \uparrow m7_{-44}(\downarrow M2_{+44})$

$7116 = 2^2 \bullet 3^1 \bullet 593^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m3_{-46}(\downarrow M6_{+46})^1} = (1) + \uparrow m7_{-44}(\downarrow M2_{+44})$

$7117 = 11^1 \bullet 647^1 = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow M3_{+5}(\downarrow m6_{-5})^1} = (1) + \uparrow m7_{-44}(\downarrow M2_{+44})$

$7118 = 2^1 \bullet 3559^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-43}(\downarrow M2_{+43})^1} = (1) + \uparrow m7_{-43}(\downarrow M2_{+43})$

$7119 = 3^2 \bullet 7^1 \bullet 113^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m7_{-16}(\downarrow M2_{+16})^1} = (1) + \uparrow m7_{-43}(\downarrow M2_{+43})$

$7120 = 2^4 \bullet 5^1 \bullet 89^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{-29}(\downarrow tt_{+29})^1} = (1) + \uparrow m7_{-43}(\downarrow M2_{+43})$

$7121 = 7121^1 = \mathbf{(1) + \uparrow m7_{-43}(\downarrow M2_{+43})}$

$7122 = 2^1 \bullet 3^1 \bullet 1187^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m3_{-44}(\downarrow M6_{+44})^1} = (1) + \uparrow m7_{-42}(\downarrow M2_{+42})$

$7123 = 17^1 \bullet 419^1 = \mathbf{(1) + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow M6_{-47}(\downarrow m3_{+47})^1} = (1) + \uparrow m7_{-42}(\downarrow M2_{+42})$

$7124 = 2^2 \bullet 13^1 \bullet 137^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow m2_{+18}(\downarrow M7_{-18})^1} = (1) + \uparrow m7_{-42}(\downarrow M2_{+42})$

$7125 = 3^1 \bullet 5^3 \bullet 19^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^3 + \uparrow m3_{-2}(\downarrow M6_{+2})^1} = (1) + \uparrow m7_{-42}(\downarrow M2_{+42})$

$7126 = 2^1 \bullet 7^1 \bullet 509^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow 8ve_{-10}(\downarrow uni_{+10})^1} = (1) + \uparrow m7_{-41}(\downarrow M2_{+41})$

$7127 = 7127^1 = \mathbf{(1) + \uparrow m7_{-41}(\downarrow M2_{+41})}$

$7128 = 2^3 \bullet 3^4 \bullet 11^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{+2}(\downarrow P4_{-2})^4 + \uparrow tt_{-49}(\downarrow tt_{+49})^1} = (1) + \uparrow m7_{-41}(\downarrow M2_{+41})$

$7129 = 7129^1 = \mathbf{(1) + \uparrow m7_{-41}(\downarrow M2_{+41})}$

$7130 = 2^1 \bullet 5^1 \bullet 23^1 \bullet 31^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow M7_{+45}(\downarrow m2_{-45})^1} = (1) + \uparrow m7_{-40}(\downarrow M2_{+40})$

$7131 = 3^1 \bullet 2377^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m3_{-42}(\downarrow M6_{+42})^1} = (1) + \uparrow m7_{-40}(\downarrow M2_{+40})$

$7132 = 2^2 \bullet 1783^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m7_{-40}(\downarrow M2_{+40})^1} = (1) + \uparrow m7_{-40}(\downarrow M2_{+40})$

$7133 = 7^1 \bullet 1019^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow 8ve_{-8}(\downarrow uni_{+8})^1} = (1) + \uparrow m7_{-40}(\downarrow M2_{+40})$

$7134 = 2^1 \bullet 3^1 \bullet 29^1 \bullet 41^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1 + \uparrow M3_{+29}(\downarrow m6_{-29})^1} = (1) + \uparrow m7_{-39}(\downarrow M2_{+39})$

$7135 = 5^1 \bullet 1427^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{-25}(\downarrow tt_{+25})^1} = (1) + \uparrow m7_{-39}(\downarrow M2_{+39})$

$7136 = 2^5 \bullet 223^1 = \mathbf{(1) + \updownarrow 8ve(uni)^5 + \uparrow m7_{-39}(\downarrow M2_{+39})^1} = (1) + \uparrow m7_{-39}(\downarrow M2_{+39})$

$7137 = 3^2 \bullet 13^1 \bullet 61^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow M7_{+17}(\downarrow m2_{-17})^1} = (1) + \uparrow m7_{-39}(\downarrow M2_{+39})$

$7138 = 2^1 \bullet 43^1 \bullet 83^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P4_{+12}(\downarrow P5_{-12})^1 + \uparrow P4_{-50}(\downarrow P5_{+50})^1} = (1) + \uparrow m7_{-38}(\downarrow M2_{+38})$

$7139 = 11^2 \bullet 59^1 = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^2 + \uparrow M7_{-41}(\downarrow m2_{+41})^1} = (1) + \uparrow m7_{-38}(\downarrow M2_{+38})$

$7140 = 2^2 \bullet 3^1 \bullet 5^1 \bullet 7^1 \bullet 17^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1} =$

$(1) + \uparrow m7_{-38}(\downarrow M2_{+38})$

$7141 = 37^1 \bullet 193^1 = \mathbf{(1) + \uparrow m3_{-49}(\downarrow M6_{+49})^1 + \uparrow P5_{+11}(\downarrow P4_{-11})^1} = (1) + \uparrow m7_{-38}(\downarrow M2_{+38})$

$7142 = 2^1 \bullet 3571^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-37}(\downarrow M2_{+37})^1} = (1) + \uparrow m7_{-37}(\downarrow M2_{+37})$

$7143 = 3^1 \bullet 2381^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m3_{-39}(\downarrow M6_{+39})^1} = (1) + \uparrow m7_{-37}(\downarrow M2_{+37})$

$7144 = 2^3 \bullet 19^1 \bullet 47^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow P5_{-34}(\downarrow P4_{+34})^1} = (1) + \uparrow m7_{-37}(\downarrow M2_{+37})$

$7145 = 5^1 \bullet 1429^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{-23}(\downarrow tt_{+23})^1} = (1) + \uparrow m7_{-37}(\downarrow M2_{+37})$

$7146 = 2^1 \bullet 3^2 \bullet 397^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m6_{-40}(\downarrow M3_{+40})^1} = (1) + \uparrow m7_{-36}(\downarrow M2_{+36})$

$7147 = 7^1 \bullet 1021^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow 8ve_{-5}(\downarrow uni_{+5})^1} = (1) + \uparrow m7_{-36}(\downarrow M2_{+36})$

$7148 = 2^2 \bullet 1787^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m7_{-36}(\downarrow M2_{+36})^1} = (1) + \uparrow m7_{-36}(\downarrow M2_{+36})$

$7149 = 3^1 \bullet 2383^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m3_{-38}(\downarrow M6_{+38})^1} = (1) + \uparrow m7_{-36}(\downarrow M2_{+36})$

$7150 = 2^1 \bullet 5^2 \bullet 11^1 \bullet 13^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1} = (1) + \uparrow m7_{-36}(\downarrow M2_{+36})$

$7151 = 7151^1 = \mathbf{(1) + \uparrow m7_{-35}(\downarrow M2_{+35})}$

$7152 = 2^4 \bullet 3^1 \bullet 149^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m3_{-37}(\downarrow M6_{+37})^1} = (1) + \uparrow m7_{-35}(\downarrow M2_{+35})$

$7153 = 23^1 \bullet 311^1 = \mathbf{(1) + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow m3_{+37}(\downarrow M6_{-37})^1} = (1) + \uparrow m7_{-35}(\downarrow M2_{+35})$

$7154 = 2^1 \bullet 7^2 \bullet 73^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^2 + \uparrow M2_{+28}(\downarrow m7_{-28})^1} = (1) + \uparrow m7_{-35}(\downarrow M2_{+35})$

$7155 = 3^3 \bullet 5^1 \bullet 53^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M6_{-26}(\downarrow m3_{+26})^1} = (1) + \uparrow m7_{-34}(\downarrow M2_{+34})$

$7156 = 2^2 \bullet 1789^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m7_{-34}(\downarrow M2_{+34})^1} = (1) + \uparrow m7_{-34}(\downarrow M2_{+34})$

$7157 = 17^1 \bullet 421^1 = \mathbf{(1) + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow M6_{-39}(\downarrow m3_{+39})^1} = (1) + \uparrow m7_{-34}(\downarrow M2_{+34})$

$7158 = 2^1 \bullet 3^1 \bullet 1193^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m3_{-36}(\downarrow M6_{+36})^1} = (1) + \uparrow m7_{-34}(\downarrow M2_{+34})$

$7159 = 7159^1 = \mathbf{(1) + \uparrow m7_{-33}(\downarrow M2_{+33})}$

$7160 = 2^3 \bullet 5^1 \bullet 179^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{-19}(\downarrow tt_{+19})^1} = (1) + \uparrow m7_{-33}(\downarrow M2_{+33})$

$7161 = 3^1 \bullet 7^1 \bullet 11^1 \bullet 31^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow M7_{+45}(\downarrow m2_{-45})^1} = (1) + \uparrow m7_{-33}(\downarrow M2_{+33})$

$7162 = 2^1 \bullet 3581^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-33}(\downarrow M2_{+33})^1} = (1) + \uparrow m7_{-33}(\downarrow M2_{+33})$

$7163 = 13^1 \bullet 19^1 \bullet 29^1 = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1} = (1) + \uparrow m7_{-32}(\downarrow M2_{+32})$

$7164 = 2^2 \bullet 3^2 \bullet 199^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m6_{-36}(\downarrow M3_{+36})^1} = (1) + \uparrow m7_{-32}(\downarrow M2_{+32})$

$7165 = 5^1 \bullet 1433^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{-18}(\downarrow tt_{+18})^1} = (1) + \uparrow m7_{-32}(\downarrow M2_{+32})$

$7166 = 2^1 \bullet 3583^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-32}(\downarrow M2_{+32})^1} = (1) + \uparrow m7_{-32}(\downarrow M2_{+32})$

$7167 = 3^{1}\bullet 2389^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m3_{-33}(\downarrow M6_{+33})^{1}} = (1) + \uparrow m7_{-31}(\downarrow M2_{+31})$

$7168 = 2^{10}\bullet 7^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{10} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1}} = (1) + \uparrow m7_{-31}(\downarrow M2_{+31})$

$7169 = 67^{1}\bullet 107^{1} = \mathbf{(1) + \uparrow m2_{-21}(\downarrow M7_{+21})^{1} + \uparrow M6_{-10}(\downarrow m3_{+10})^{1}} = (1) + \uparrow m7_{-31}(\downarrow M2_{+31})$

$7170 = 2^{1}\bullet 3^{1}\bullet 5^{1}\bullet 239^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M7_{-19}(\downarrow m2_{+19})^{1}} = (1) + \uparrow m7_{-31}(\downarrow M2_{+31})$

$7171 = 71^{1}\bullet 101^{1} = \mathbf{(1) + \uparrow M2_{-20}(\downarrow m7_{+20})^{1} + \uparrow m6_{-10}(\downarrow M3_{+10})^{1}} = (1) + \uparrow m7_{-30}(\downarrow M2_{+30})$

$7172 = 2^{2}\bullet 11^{1}\bullet 163^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow M3_{+18}(\downarrow m6_{-18})^{1}} = (1) + \uparrow m7_{-30}(\downarrow M2_{+30})$

$7173 = 3^{2}\bullet 797^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m6_{-34}(\downarrow M3_{+34})^{1}} = (1) + \uparrow m7_{-30}(\downarrow M2_{+30})$

$7174 = 2^{1}\bullet 17^{1}\bullet 211^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow M6_{-35}(\downarrow m3_{+35})^{1}} = (1) + \uparrow m7_{-30}(\downarrow M2_{+30})$

$7175 = 5^{2}\bullet 7^{1}\bullet 41^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M3_{+29}(\downarrow m6_{-29})^{1}} = (1) + \uparrow m7_{-29}(\downarrow M2_{+29})$

$7176 = 2^{3}\bullet 3^{1}\bullet 13^{1}\bullet 23^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1}} = (1) + \uparrow m7_{-29}(\downarrow M2_{+29})$

$7177 = 7177^{1} = \mathbf{(1) + \uparrow m7_{-29}(\downarrow M2_{+29})}$

$7178 = 2^{1}\bullet 37^{1}\bullet 97^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m3_{-49}(\downarrow M6_{+49})^{1} + \uparrow P5_{+20}(\downarrow P4_{-20})^{1}} = (1) + \uparrow m7_{-29}(\downarrow M2_{+29})$

$7179 = 3^{1}\bullet 2393^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m3_{-30}(\downarrow M6_{+30})^{1}} = (1) + \uparrow m7_{-29}(\downarrow M2_{+29})$

$7180 = 2^{2}\bullet 5^{1}\bullet 359^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{-15}(\downarrow tt_{+15})^{1}} = (1) + \uparrow m7_{-28}(\downarrow M2_{+28})$

$7181 = 43^{1}\bullet 167^{1} = \mathbf{(1) + \uparrow P4_{+12}(\downarrow P5_{-12})^{1} + \uparrow P4_{-40}(\downarrow P5_{+40})^{1}} = (1) + \uparrow m7_{-28}(\downarrow M2_{+28})$

$7182 = 2^{1}\bullet 3^{3}\bullet 7^{1}\bullet 19^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1}} = (1) + \uparrow m7_{-28}(\downarrow M2_{+28})$

$7183 = 11^{1}\bullet 653^{1} = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow M3_{+21}(\downarrow m6_{-21})^{1}} = (1) + \uparrow m7_{-28}(\downarrow M2_{+28})$

$7184 = 2^{4}\bullet 449^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow m7_{-27}(\downarrow M2_{+27})^{1}} = (1) + \uparrow m7_{-27}(\downarrow M2_{+27})$

$7185 = 3^{1}\bullet 5^{1}\bullet 479^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M7_{-15}(\downarrow m2_{+15})^{1}} = (1) + \uparrow m7_{-27}(\downarrow M2_{+27})$

$7186 = 2^{1}\bullet 3593^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-27}(\downarrow M2_{+27})^{1}} = (1) + \uparrow m7_{-27}(\downarrow M2_{+27})$

$7187 = 7187^{1} = \mathbf{(1) + \uparrow m7_{-27}(\downarrow M2_{+27})}$

$7188 = 2^{2}\bullet 3^{1}\bullet 599^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m3_{-28}(\downarrow M6_{+28})^{1}} = (1) + \uparrow m7_{-26}(\downarrow M2_{+26})$

$7189 = 7^{1}\bullet 13^{1}\bullet 79^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow M3_{-35}(\downarrow m6_{+35})^{1}} = (1) + \uparrow m7_{-26}(\downarrow M2_{+26})$

$7190 = 2^{1}\bullet 5^{1}\bullet 719^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{-12}(\downarrow tt_{+12})^{1}} = (1) + \uparrow m7_{-26}(\downarrow M2_{+26})$

$7191 = 3^{2}\bullet 17^{1}\bullet 47^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow P5_{-34}(\downarrow P4_{+34})^{1}} = (1) + \uparrow m7_{-26}(\downarrow M2_{+26})$

$7192 = 2^{3}\bullet 29^{1}\bullet 31^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1}} = (1) + \uparrow m7_{-25}(\downarrow M2_{+25})$

$7193 = 7193^{1} = \mathbf{(1) + \uparrow m7_{-25}(\downarrow M2_{+25})}$

$7194 = 2^{1}\bullet 3^{1}\bullet 11^{1}\bullet 109^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow M6_{+22}(\downarrow m3_{-22})^{1}} = (1) + \uparrow m7_{-25}(\downarrow M2_{+25})$

$7195 = 5^{1}\bullet 1439^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{-11}(\downarrow tt_{+11})^{1}} = (1) + \uparrow m7_{-25}(\downarrow M2_{+25})$

$7196 = 2^{2}\bullet 7^{1}\bullet 257^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow uni_{+7}(\downarrow 8ve_{-7})^{1}} = (1) + \uparrow m7_{-24}(\downarrow M2_{+24})$

$7197 = 3^{1}\bullet 2399^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m3_{-26}(\downarrow M6_{+26})^{1}} = (1) + \uparrow m7_{-24}(\downarrow M2_{+24})$

$7198 = 2^{1}\bullet 59^{1}\bullet 61^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M7_{-41}(\downarrow m2_{+41})^{1} + \uparrow M7_{+17}(\downarrow m2_{-17})^{1}} = (1) + \uparrow m7_{-24}(\downarrow M2_{+24})$

$7199 = 23^{1}\bullet 313^{1} = \mathbf{(1) + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow m3_{+48}(\downarrow M6_{-48})^{1}} = (1) + \uparrow m7_{-24}(\downarrow M2_{+24})$

$7200 = 2^{5}\bullet 3^{2}\bullet 5^{2} = \mathbf{(1) + \updownarrow 8ve(uni)^{5} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{2}} = (1) + \uparrow m7_{-23}(\downarrow M2_{+23})$

$7201 = 19^{1}\bullet 379^{1} = \mathbf{(1) + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow P5_{-21}(\downarrow P4_{+21})^{1}} = (1) + \uparrow m7_{-23}(\downarrow M2_{+23})$

$7202 = 2^{1}\bullet 13^{1}\bullet 277^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m2_{+36}(\downarrow M7_{-36})^{1}} = (1) + \uparrow m7_{-23}(\downarrow M2_{+23})$

$7203 = 3^{1}\bullet 7^{4} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{4}} = (1) + \uparrow m7_{-23}(\downarrow M2_{+23})$

$7204 = 2^{2}\bullet 1801^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m7_{-23}(\downarrow M2_{+23})^{1}} = (1) + \uparrow m7_{-23}(\downarrow M2_{+23})$

$7205 = 5^{1}\bullet 11^{1}\bullet 131^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow uni_{+40}(\downarrow 8ve_{-40})^{1}} = (1) + \uparrow m7_{-22}(\downarrow M2_{+22})$

$7206 = 2^{1}\bullet 3^{1}\bullet 1201^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m3_{-24}(\downarrow M6_{+24})^{1}} = (1) + \uparrow m7_{-22}(\downarrow M2_{+22})$

$7207 = 7207^{1} = \mathbf{(1) + \uparrow m7_{-22}(\downarrow M2_{+22})}$

$7208 = 2^{3}\bullet 17^{1}\bullet 53^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow M6_{-26}(\downarrow m3_{+26})^{1}} = (1) + \uparrow m7_{-22}(\downarrow M2_{+22})$

$7209 = 3^4 \bullet 89^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^4 + \uparrow tt_{-29}(\downarrow tt_{+29})^1} = (1) + \uparrow m7_{-21}(\downarrow M2_{+21})$

$7210 = 2^1 \bullet 5^1 \bullet 7^1 \bullet 103^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m6_{+24}(\downarrow M3_{-24})^1} = (1) + \uparrow m7_{-21}(\downarrow M2_{+21})$

$7211 = 7211^1 = \mathbf{(1) + \uparrow m7_{-21}(\downarrow M2_{+21})}$

$7212 = 2^2 \bullet 3^1 \bullet 601^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m3_{-23}(\downarrow M6_{+23})^1} = (1) + \uparrow m7_{-21}(\downarrow M2_{+21})$

$7213 = 7213^1 = \mathbf{(1) + \uparrow m7_{-20}(\downarrow M2_{+20})}$

$7214 = 2^1 \bullet 3607^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-20}(\downarrow M2_{+20})^1} = (1) + \uparrow m7_{-20}(\downarrow M2_{+20})$

$7215 = 3^1 \bullet 5^1 \bullet 13^1 \bullet 37^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow m3_{-49}(\downarrow M6_{+49})^1} =$

$(1) + \uparrow m7_{-20}(\downarrow M2_{+20})$

$7216 = 2^4 \bullet 11^1 \bullet 41^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow M3_{+29}(\downarrow m6_{-29})^1} = (1) + \uparrow m7_{-20}(\downarrow M2_{+20})$

$7217 = 7^1 \bullet 1031^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow uni_{+12}(\downarrow 8ve_{-12})^1} = (1) + \uparrow m7_{-19}(\downarrow M2_{+19})$

$7218 = 2^1 \bullet 3^2 \bullet 401^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m6_{-23}(\downarrow M3_{+23})^1} = (1) + \uparrow m7_{-19}(\downarrow M2_{+19})$

$7219 = 7219^1 = \mathbf{(1) + \uparrow m7_{-19}(\downarrow M2_{+19})}$

$7220 = 2^2 \bullet 5^1 \bullet 19^2 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^2} = (1) + \uparrow m7_{-19}(\downarrow M2_{+19})$

$7221 = 3^1 \bullet 29^1 \bullet 83^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1 + \uparrow P4_{-50}(\downarrow P5_{+50})^1} = (1) + \uparrow m7_{-18}(\downarrow M2_{+18})$

$7222 = 2^1 \bullet 23^1 \bullet 157^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow M3_{-46}(\downarrow m6_{+46})^1} = (1) + \uparrow m7_{-18}(\downarrow M2_{+18})$

$7223 = 31^1 \bullet 233^1 = \mathbf{(1) + \uparrow M7_{+45}(\downarrow m2_{-45})^1 + \uparrow m7_{+37}(\downarrow M2_{-37})^1} = (1) + \uparrow m7_{-18}(\downarrow M2_{+18})$

$7224 = 2^3 \bullet 3^1 \bullet 7^1 \bullet 43^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow P4_{+12}(\downarrow P5_{-12})^1} = (1) + \uparrow m7_{-18}(\downarrow M2_{+18})$

$7225 = 5^2 \bullet 17^2 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow m2_{+5}(\downarrow M7_{-5})^2} = (1) + \uparrow m7_{-17}(\downarrow M2_{+17})$

$7226 = 2^1 \bullet 3613^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-17}(\downarrow M2_{+17})^1} = (1) + \uparrow m7_{-17}(\downarrow M2_{+17})$

$7227 = 3^2 \bullet 11^1 \bullet 73^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow M2_{+28}(\downarrow m7_{-28})^1} = (1) + \uparrow m7_{-17}(\downarrow M2_{+17})$

$7228 = 2^2 \bullet 13^1 \bullet 139^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow m2_{+43}(\downarrow M7_{-43})^1} = (1) + \uparrow m7_{-17}(\downarrow M2_{+17})$

$7229 = 7229^1 = \mathbf{(1) + \uparrow m7_{-17}(\downarrow M2_{+17})}$

$7230 = 2^1 \bullet 3^1 \bullet 5^1 \bullet 241^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M7_{-5}(\downarrow m2_{+5})^1} = (1) + \uparrow m7_{-16}(\downarrow M2_{+16})$

$7231 = 7^1 \bullet 1033^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow uni_{+15}(\downarrow 8ve_{-15})^1} = (1) + \uparrow m7_{-16}(\downarrow M2_{+16})$

$7232 = 2^6 \bullet 113^1 = \mathbf{(1) + \updownarrow 8ve(uni)^6 + \uparrow m7_{-16}(\downarrow M2_{+16})^1} = (1) + \uparrow m7_{-16}(\downarrow M2_{+16})$

$7233 = 3^1 \bullet 2411^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m3_{-18}(\downarrow M6_{+18})^1} = (1) + \uparrow m7_{-16}(\downarrow M2_{+16})$

$7234 = 2^1 \bullet 3617^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-15}(\downarrow M2_{+15})^1} = (1) + \uparrow m7_{-15}(\downarrow M2_{+15})$

$7235 = 5^1 \bullet 1447^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{-1}(\downarrow tt_{+1})^1} = (1) + \uparrow m7_{-15}(\downarrow M2_{+15})$

$7236 = 2^2 \bullet 3^3 \bullet 67^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow m2_{-21}(\downarrow M7_{+21})^1} = (1) + \uparrow m7_{-15}(\downarrow M2_{+15})$

$7237 = 7237^1 = \mathbf{(1) + \uparrow m7_{-15}(\downarrow M2_{+15})}$

$7238 = 2^1 \bullet 7^1 \bullet 11^1 \bullet 47^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow P5_{-34}(\downarrow P4_{+34})^1} = (1) + \uparrow m7_{-14}(\downarrow M2_{+14})$

$7239 = 3^1 \bullet 19^1 \bullet 127^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow 8ve_{-14}(\downarrow uni_{+14})^1} = (1) + \uparrow m7_{-14}(\downarrow M2_{+14})$

$7240 = 2^3 \bullet 5^1 \bullet 181^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{+0}(\downarrow tt_{-0})^1} = (1) + \uparrow m7_{-14}(\downarrow M2_{+14})$

$7241 = 13^1 \bullet 557^1 = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow m2_{+46}(\downarrow M7_{-46})^1} = (1) + \uparrow m7_{-14}(\downarrow M2_{+14})$

$7242 = 2^1 \bullet 3^1 \bullet 17^1 \bullet 71^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow M2_{-20}(\downarrow m7_{+20})^1} = (1) + \uparrow m7_{-13}(\downarrow M2_{+13})$

$7243 = 7243^1 = \mathbf{(1) + \uparrow m7_{-13}(\downarrow M2_{+13})}$

$7244 = 2^2 \bullet 1811^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m7_{-13}(\downarrow M2_{+13})^1} = (1) + \uparrow m7_{-13}(\downarrow M2_{+13})$

$7245 = 3^2 \bullet 5^1 \bullet 7^1 \bullet 23^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1} = (1) + \uparrow m7_{-13}(\downarrow M2_{+13})$

$7246 = 2^1 \bullet 3623^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-12}(\downarrow M2_{+12})^1} = (1) + \uparrow m7_{-12}(\downarrow M2_{+12})$

$7247 = 7247^1 = \mathbf{(1) + \uparrow m7_{-12}(\downarrow M2_{+12})}$

$7248 = 2^4 \bullet 3^1 \bullet 151^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m3_{-14}(\downarrow M6_{+14})^1} = (1) + \uparrow m7_{-12}(\downarrow M2_{+12})$

$7249 = 11^1 \bullet 659^1 = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow M3_{+37}(\downarrow m6_{-37})^1} = (1) + \uparrow m7_{-12}(\downarrow M2_{+12})$

$7250 = 2^{1}\bullet5^{3}\bullet29^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{3} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1}} = (1) + \uparrow m7_{-11}(\downarrow M2_{+11})$

$7251 = 3^{1}\bullet2417^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m3_{-13}(\downarrow M6_{+13})^{1}} = (1) + \uparrow m7_{-11}(\downarrow M2_{+11})$

$7252 = 2^{2}\bullet7^{2}\bullet37^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{2} + \uparrow m3_{-49}(\downarrow M6_{+49})^{1}} = (1) + \uparrow m7_{-11}(\downarrow M2_{+11})$

$7253 = 7253^{1} = \mathbf{(1) + \uparrow m7_{-11}(\downarrow M2_{+11})}$

$7254 = 2^{1}\bullet3^{2}\bullet13^{1}\bullet31^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1}} = (1) + \uparrow m7_{-11}(\downarrow M2_{+11})$

$7255 = 5^{1}\bullet1451^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{+3}(\downarrow tt_{-3})^{1}} = (1) + \uparrow m7_{-10}(\downarrow M2_{+10})$

$7256 = 2^{3}\bullet907^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow m7_{-10}(\downarrow M2_{+10})^{1}} = (1) + \uparrow m7_{-10}(\downarrow M2_{+10})$

$7257 = 3^{1}\bullet41^{1}\bullet59^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{+29}(\downarrow m6_{-29})^{1} + \uparrow M7_{-41}(\downarrow m2_{+41})^{1}} = (1) + \uparrow m7_{-10}(\downarrow M2_{+10})$

$7258 = 2^{1}\bullet19^{1}\bullet191^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow P5_{-7}(\downarrow P4_{+7})^{1}} = (1) + \uparrow m7_{-10}(\downarrow M2_{+10})$

$7259 = 7^{1}\bullet17^{1}\bullet61^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow M7_{+17}(\downarrow m2_{-17})^{1}} = (1) + \uparrow m7_{-9}(\downarrow M2_{+9})$

$7260 = 2^{2}\bullet3^{1}\bullet5^{1}\bullet11^{2} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{2}} = (1) + \uparrow m7_{-9}(\downarrow M2_{+9})$

$7261 = 53^{1}\bullet137^{1} = \mathbf{(1) + \uparrow M6_{-26}(\downarrow m3_{+26})^{1} + \uparrow m2_{+18}(\downarrow M7_{-18})^{1}} = (1) + \uparrow m7_{-9}(\downarrow M2_{+9})$

$7262 = 2^{1}\bullet3631^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-9}(\downarrow M2_{+9})^{1}} = (1) + \uparrow m7_{-9}(\downarrow M2_{+9})$

$7263 = 3^{3}\bullet269^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow m2_{-14}(\downarrow M7_{+14})^{1}} = (1) + \uparrow m7_{-8}(\downarrow M2_{+8})$

$7264 = 2^{5}\bullet227^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{5} + \uparrow m7_{-8}(\downarrow M2_{+8})^{1}} = (1) + \uparrow m7_{-8}(\downarrow M2_{+8})$

$7265 = 5^{1}\bullet1453^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{+6}(\downarrow tt_{-6})^{1}} = (1) + \uparrow m7_{-8}(\downarrow M2_{+8})$

$7266 = 2^{1}\bullet3^{1}\bullet7^{1}\bullet173^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow P4_{+22}(\downarrow P5_{-22})^{1}} = (1) + \uparrow m7_{-8}(\downarrow M2_{+8})$

$7267 = 13^{2}\bullet43^{1} = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^{2} + \uparrow P4_{+12}(\downarrow P5_{-12})^{1}} = (1) + \uparrow m7_{-7}(\downarrow M2_{+7})$

$7268 = 2^{2}\bullet23^{1}\bullet79^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow M3_{-35}(\downarrow m6_{+35})^{1}} = (1) + \uparrow m7_{-7}(\downarrow M2_{+7})$

$7269 = 3^{1}\bullet2423^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m3_{-9}(\downarrow M6_{+9})^{1}} = (1) + \uparrow m7_{-7}(\downarrow M2_{+7})$

$7270 = 2^{1}\bullet5^{1}\bullet727^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{+7}(\downarrow tt_{-7})^{1}} = (1) + \uparrow m7_{-7}(\downarrow M2_{+7})$

$7271 = 11^{1}\bullet661^{1} = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow M3_{+42}(\downarrow m6_{-42})^{1}} = (1) + \uparrow m7_{-6}(\downarrow M2_{+6})$

$7272 = 2^{3}\bullet3^{2}\bullet101^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m6_{-10}(\downarrow M3_{+10})^{1}} = (1) + \uparrow m7_{-6}(\downarrow M2_{+6})$

$7273 = 7^{1}\bullet1039^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow uni_{+25}(\downarrow 8ve_{-25})^{1}} = (1) + \uparrow m7_{-6}(\downarrow M2_{+6})$

$7274 = 2^{1}\bullet3637^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-6}(\downarrow M2_{+6})^{1}} = (1) + \uparrow m7_{-6}(\downarrow M2_{+6})$

$7275 = 3^{1}\bullet5^{2}\bullet97^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow P5_{+20}(\downarrow P4_{-20})^{1}} = (1) + \uparrow m7_{-6}(\downarrow M2_{+6})$

$7276 = 2^{2}\bullet17^{1}\bullet107^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow M6_{-10}(\downarrow m3_{+10})^{1}} = (1) + \uparrow m7_{-5}(\downarrow M2_{+5})$

$7277 = 19^{1}\bullet383^{1} = \mathbf{(1) + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow P5_{-3}(\downarrow P4_{+3})^{1}} = (1) + \uparrow m7_{-5}(\downarrow M2_{+5})$

$7278 = 2^{1}\bullet3^{1}\bullet1213^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m3_{-7}(\downarrow M6_{+7})^{1}} = (1) + \uparrow m7_{-5}(\downarrow M2_{+5})$

$7279 = 29^{1}\bullet251^{1} = \mathbf{(1) + \uparrow m7_{+30}(\downarrow M2_{-30})^{1} + \uparrow 8ve_{-34}(\downarrow uni_{+34})^{1}} = (1) + \uparrow m7_{-5}(\downarrow M2_{+5})$

$7280 = 2^{4}\bullet5^{1}\bullet7^{1}\bullet13^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1}} = (1) + \uparrow m7_{-4}(\downarrow M2_{+4})$

$7281 = 3^{2}\bullet809^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m6_{-8}(\downarrow M3_{+8})^{1}} = (1) + \uparrow m7_{-4}(\downarrow M2_{+4})$

$7282 = 2^{1}\bullet11^{1}\bullet331^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow M3_{+45}(\downarrow m6_{-45})^{1}} = (1) + \uparrow m7_{-4}(\downarrow M2_{+4})$

$7283 = 7283^{1} = \mathbf{(1) + \uparrow m7_{-4}(\downarrow M2_{+4})}$

$7284 = 2^{2}\bullet3^{1}\bullet607^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m3_{-5}(\downarrow M6_{+5})^{1}} = (1) + \uparrow m7_{-3}(\downarrow M2_{+3})$

$7285 = 5^{1}\bullet31^{1}\bullet47^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1} + \uparrow P5_{-34}(\downarrow P4_{+34})^{1}} = (1) + \uparrow m7_{-3}(\downarrow M2_{+3})$

$7286 = 2^{1}\bullet3643^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-3}(\downarrow M2_{+3})^{1}} = (1) + \uparrow m7_{-3}(\downarrow M2_{+3})$

$7287 = 3^{1}\bullet7^{1}\bullet347^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow P4_{+27}(\downarrow P5_{-27})^{1}} = (1) + \uparrow m7_{-3}(\downarrow M2_{+3})$

$7288 = 2^{3}\bullet911^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow m7_{-2}(\downarrow M2_{+2})^{1}} = (1) + \uparrow m7_{-2}(\downarrow M2_{+2})$

$7289 = 37^{1}\bullet197^{1} = \mathbf{(1) + \uparrow m3_{-49}(\downarrow M6_{+49})^{1} + \uparrow P5_{+46}(\downarrow P4_{-46})^{1}} = (1) + \uparrow m7_{-2}(\downarrow M2_{+2})$

$7290 = 2^{1}\bullet3^{6}\bullet5^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{6} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1}} = (1) + \uparrow m7_{-2}(\downarrow M2_{+2})$

$7291 = 23^{1}\bullet317^{1} = \mathbf{(1) + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow M3_{-30}(\downarrow m6_{+30})^{1}} = (1) + \uparrow m7_{-2}(\downarrow M2_{+2})$

$7292 = 2^{2}\bullet 1823^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m7_{-1}(\downarrow M2_{+1})^{1}} = (1) + \uparrow m7_{-1}(\downarrow M2_{+1})$

$7293 = 3^{1}\bullet 11^{1}\bullet 13^{1}\bullet 17^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1}} = (1) + \uparrow m7_{-1}(\downarrow M2_{+1})$

$7294 = 2^{1}\bullet 7^{1}\bullet 521^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow uni_{+30}(\downarrow 8ve_{-30})^{1}} = (1) + \uparrow m7_{-1}(\downarrow M2_{+1})$

$7295 = 5^{1}\bullet 1459^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{+13}(\downarrow tt_{-13})^{1}} = (1) + \uparrow m7_{-1}(\downarrow M2_{+1})$

$7296 = 2^{7}\bullet 3^{1}\bullet 19^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{7} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1}} = (1) + \uparrow m7_{-1}(\downarrow M2_{+1})$

$7297 = 7297^{1} = \mathbf{(1) + \uparrow m7_{+0}(\downarrow M2_{-0})}$

$7298 = 2^{1}\bullet 41^{1}\bullet 89^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{+29}(\downarrow m6_{-29})^{1} + \uparrow tt_{-29}(\downarrow tt_{+29})^{1}} = (1) + \uparrow m7_{+0}(\downarrow M2_{-0})$

$7299 = 3^{2}\bullet 811^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m6_{-4}(\downarrow M3_{+4})^{1}} = (1) + \uparrow m7_{+0}(\downarrow M2_{-0})$

$7300 = 2^{2}\bullet 5^{2}\bullet 73^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow M2_{+28}(\downarrow m7_{-28})^{1}} = (1) + \uparrow m7_{+0}(\downarrow M2_{-0})$

$7301 = 7^{2}\bullet 149^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{2} + \uparrow m3_{-37}(\downarrow M6_{+37})^{1}} = (1) + \uparrow m7_{+1}(\downarrow M2_{-1})$

$7302 = 2^{1}\bullet 3^{1}\bullet 1217^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m3_{-1}(\downarrow M6_{+1})^{1}} = (1) + \uparrow m7_{+1}(\downarrow M2_{-1})$

$7303 = 67^{1}\bullet 109^{1} = \mathbf{(1) + \uparrow m2_{-21}(\downarrow M7_{+21})^{1} + \uparrow M6_{+22}(\downarrow m3_{-22})^{1}} = (1) + \uparrow m7_{+1}(\downarrow M2_{-1})$

$7304 = 2^{3}\bullet 11^{1}\bullet 83^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow P4_{-50}(\downarrow P5_{+50})^{1}} = (1) + \uparrow m7_{+1}(\downarrow M2_{-1})$

$7305 = 3^{1}\bullet 5^{1}\bullet 487^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M7_{+13}(\downarrow m2_{-13})^{1}} = (1) + \uparrow m7_{+2}(\downarrow M2_{-2})$

$7306 = 2^{1}\bullet 13^{1}\bullet 281^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow M2_{-39}(\downarrow m7_{+39})^{1}} = (1) + \uparrow m7_{+2}(\downarrow M2_{-2})$

$7307 = 7307^{1} = \mathbf{(1) + \uparrow m7_{+2}(\downarrow M2_{-2})}$

$7308 = 2^{2}\bullet 3^{2}\bullet 7^{1}\bullet 29^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1}} = (1) + \uparrow m7_{+2}(\downarrow M2_{-2})$

$7309 = 7309^{1} = \mathbf{(1) + \uparrow m7_{+3}(\downarrow M2_{-3})}$

$7310 = 2^{1}\bullet 5^{1}\bullet 17^{1}\bullet 43^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow P4_{+12}(\downarrow P5_{-12})^{1}} = (1) + \uparrow m7_{+3}(\downarrow M2_{-3})$

$7311 = 3^{1}\bullet 2437^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m3_{+1}(\downarrow M6_{-1})^{1}} = (1) + \uparrow m7_{+3}(\downarrow M2_{-3})$

$7312 = 2^{4}\bullet 457^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow m7_{+3}(\downarrow M2_{-3})^{1}} = (1) + \uparrow m7_{+3}(\downarrow M2_{-3})$

$7313 = 71^{1}\bullet 103^{1} = \mathbf{(1) + \uparrow M2_{-20}(\downarrow m7_{+20})^{1} + \uparrow m6_{+24}(\downarrow M3_{-24})^{1}} = (1) + \uparrow m7_{+3}(\downarrow M2_{-3})$

$7314 = 2^{1}\bullet 3^{1}\bullet 23^{1}\bullet 53^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow M6_{-26}(\downarrow m3_{+26})^{1}} = (1) + \uparrow m7_{+4}(\downarrow M2_{-4})$

$7315 = 5^{1}\bullet 7^{1}\bullet 11^{1}\bullet 19^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1}} = (1) + \uparrow m7_{+4}(\downarrow M2_{-4})$

$7316 = 2^{2}\bullet 31^{1}\bullet 59^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1} + \uparrow M7_{-41}(\downarrow m2_{+41})^{1}} = (1) + \uparrow m7_{+4}(\downarrow M2_{-4})$

$7317 = 3^{3}\bullet 271^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow m2_{-1}(\downarrow M7_{+1})^{1}} = (1) + \uparrow m7_{+4}(\downarrow M2_{-4})$

$7318 = 2^{1}\bullet 3659^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{+5}(\downarrow M2_{-5})^{1}} = (1) + \uparrow m7_{+5}(\downarrow M2_{-5})$

$7319 = 13^{1}\bullet 563^{1} = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow M2_{-36}(\downarrow m7_{+36})^{1}} = (1) + \uparrow m7_{+5}(\downarrow M2_{-5})$

$7320 = 2^{3}\bullet 3^{1}\bullet 5^{1}\bullet 61^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M7_{+17}(\downarrow m2_{-17})^{1}} = (1) + \uparrow m7_{+5}(\downarrow M2_{-5})$

$7321 = 7321^{1} = \mathbf{(1) + \uparrow m7_{+5}(\downarrow M2_{-5})}$

$7322 = 2^{1}\bullet 7^{1}\bullet 523^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow uni_{+37}(\downarrow 8ve_{-37})^{1}} = (1) + \uparrow m7_{+6}(\downarrow M2_{-6})$

$7323 = 3^{1}\bullet 2441^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m3_{+4}(\downarrow M6_{-4})^{1}} = (1) + \uparrow m7_{+6}(\downarrow M2_{-6})$

$7324 = 2^{2}\bullet 1831^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m7_{+6}(\downarrow M2_{-6})^{1}} = (1) + \uparrow m7_{+6}(\downarrow M2_{-6})$

$7325 = 5^{2}\bullet 293^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow M2_{+34}(\downarrow m7_{-34})^{1}} = (1) + \uparrow m7_{+6}(\downarrow M2_{-6})$

$7326 = 2^{1}\bullet 3^{2}\bullet 11^{1}\bullet 37^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m3_{-49}(\downarrow M6_{+49})^{1}} = (1) + \uparrow m7_{+7}(\downarrow M2_{-7})$

$7327 = 17^{1}\bullet 431^{1} = \mathbf{(1) + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow M6_{+2}(\downarrow m3_{-2})^{1}} = (1) + \uparrow m7_{+7}(\downarrow M2_{-7})$

$7328 = 2^{5}\bullet 229^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{5} + \uparrow m7_{+7}(\downarrow M2_{-7})^{1}} = (1) + \uparrow m7_{+7}(\downarrow M2_{-7})$

$7329 = 3^{1}\bullet 7^{1}\bullet 349^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow P4_{+36}(\downarrow P5_{-36})^{1}} = (1) + \uparrow m7_{+7}(\downarrow M2_{-7})$

$7330 = 2^{1}\bullet 5^{1}\bullet 733^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{+21}(\downarrow tt_{-21})^{1}} = (1) + \uparrow m7_{+8}(\downarrow M2_{-8})$

$7331 = 7331^{1} = \mathbf{(1) + \uparrow m7_{+8}(\downarrow M2_{-8})}$

$7332 = 2^{2}\bullet 3^{1}\bullet 13^{1}\bullet 47^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow P5_{-34}(\downarrow P4_{+34})^{1}} = (1) + \uparrow m7_{+8}(\downarrow M2_{-8})$

$7333 = 7333^{1} = \mathbf{(1) + \uparrow m7_{+8}(\downarrow M2_{-8})}$

$7334 = 2^{1}\bullet 19^{1}\bullet 193^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow P5_{+11}(\downarrow P4_{-11})^{1}} = (1) + \uparrow m7_{+8}(\downarrow M2_{-8})$

$7335 = 3^{2}\bullet 5^{1}\bullet 163^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M3_{+18}(\downarrow m6_{-18})^{1}} = (1) + \uparrow m7_{+9}(\downarrow M2_{-9})$

$7336 = 2^{3}\bullet 7^{1}\bullet 131^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow uni_{+40}(\downarrow 8ve_{-40})^{1}} = (1) + \uparrow m7_{+9}(\downarrow M2_{-9})$

$7337 = 11^{1}\bullet 23^{1}\bullet 29^{1} = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1}} = (1) + \uparrow m7_{+9}(\downarrow M2_{-9})$

$7338 = 2^{1}\bullet 3^{1}\bullet 1223^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m3_{+7}(\downarrow M6_{-7})^{1}} = (1) + \uparrow m7_{+9}(\downarrow M2_{-9})$

$7339 = 41^{1}\bullet 179^{1} = \mathbf{(1) + \uparrow M3_{+29}(\downarrow m6_{-29})^{1} + \uparrow tt_{-19}(\downarrow tt_{+19})^{1}} = (1) + \uparrow m7_{+10}(\downarrow M2_{-10})$

$7340 = 2^{2}\bullet 5^{1}\bullet 367^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{+24}(\downarrow tt_{-24})^{1}} = (1) + \uparrow m7_{+10}(\downarrow M2_{-10})$

$7341 = 3^{1}\bullet 2447^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m3_{+8}(\downarrow M6_{-8})^{1}} = (1) + \uparrow m7_{+10}(\downarrow M2_{-10})$

$7342 = 2^{1}\bullet 3671^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{+10}(\downarrow M2_{-10})^{1}} = (1) + \uparrow m7_{+10}(\downarrow M2_{-10})$

$7343 = 7^{1}\bullet 1049^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow uni_{+42}(\downarrow 8ve_{-42})^{1}} = (1) + \uparrow m7_{+11}(\downarrow M2_{-11})$

$7344 = 2^{4}\bullet 3^{3}\bullet 17^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1}} = (1) + \uparrow m7_{+11}(\downarrow M2_{-11})$

$7345 = 5^{1}\bullet 13^{1}\bullet 113^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m7_{-16}(\downarrow M2_{+16})^{1}} = (1) + \uparrow m7_{+11}(\downarrow M2_{-11})$

$7346 = 2^{1}\bullet 3673^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{+11}(\downarrow M2_{-11})^{1}} = (1) + \uparrow m7_{+11}(\downarrow M2_{-11})$

$7347 = 3^{1}\bullet 31^{1}\bullet 79^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1} + \uparrow M3_{-35}(\downarrow m6_{+35})^{1}} = (1) + \uparrow m7_{+12}(\downarrow M2_{-12})$

$7348 = 2^{2}\bullet 11^{1}\bullet 167^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow P4_{-40}(\downarrow P5_{+40})^{1}} = (1) + \uparrow m7_{+12}(\downarrow M2_{-12})$

$7349 = 7349^{1} = \mathbf{(1) + \uparrow m7_{+12}(\downarrow M2_{-12})}$

$7350 = 2^{1}\bullet 3^{1}\bullet 5^{2}\bullet 7^{2} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{2}} = (1) + \uparrow m7_{+12}(\downarrow M2_{-12})$

$7351 = 7351^{1} = \mathbf{(1) + \uparrow m7_{+12}(\downarrow M2_{-12})}$

$7352 = 2^{3}\bullet 919^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow m7_{+13}(\downarrow M2_{-13})^{1}} = (1) + \uparrow m7_{+13}(\downarrow M2_{-13})$

$7353 = 3^{2}\bullet 19^{1}\bullet 43^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow P4_{+12}(\downarrow P5_{-12})^{1}} = (1) + \uparrow m7_{+13}(\downarrow M2_{-13})$

$7354 = 2^{1}\bullet 3677^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{+13}(\downarrow M2_{-13})^{1}} = (1) + \uparrow m7_{+13}(\downarrow M2_{-13})$

$7355 = 5^{1}\bullet 1471^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{+27}(\downarrow tt_{-27})^{1}} = (1) + \uparrow m7_{+13}(\downarrow M2_{-13})$

$7356 = 2^{2}\bullet 3^{1}\bullet 613^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m3_{+12}(\downarrow M6_{-12})^{1}} = (1) + \uparrow m7_{+14}(\downarrow M2_{-14})$

$7357 = 7^{1}\bullet 1051^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow uni_{+45}(\downarrow 8ve_{-45})^{1}} = (1) + \uparrow m7_{+14}(\downarrow M2_{-14})$

$7358 = 2^{1}\bullet 13^{1}\bullet 283^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow M2_{-26}(\downarrow m7_{+26})^{1}} = (1) + \uparrow m7_{+14}(\downarrow M2_{-14})$

$7359 = 3^{1}\bullet 11^{1}\bullet 223^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m7_{-39}(\downarrow M2_{+39})^{1}} = (1) + \uparrow m7_{+14}(\downarrow M2_{-14})$

$7360 = 2^{6}\bullet 5^{1}\bullet 23^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{6} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1}} = (1) + \uparrow m7_{+15}(\downarrow M2_{-15})$

$7361 = 17^{1}\bullet 433^{1} = \mathbf{(1) + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow M6_{+10}(\downarrow m3_{-10})^{1}} = (1) + \uparrow m7_{+15}(\downarrow M2_{-15})$

$7362 = 2^{1}\bullet 3^{2}\bullet 409^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m6_{+11}(\downarrow M3_{-11})^{1}} = (1) + \uparrow m7_{+15}(\downarrow M2_{-15})$

$7363 = 37^{1}\bullet 199^{1} = \mathbf{(1) + \uparrow m3_{-49}(\downarrow M6_{+49})^{1} + \uparrow m6_{-36}(\downarrow M3_{+36})^{1}} = (1) + \uparrow m7_{+15}(\downarrow M2_{-15})$

$7364 = 2^{2}\bullet 7^{1}\bullet 263^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow uni_{+47}(\downarrow 8ve_{-47})^{1}} = (1) + \uparrow m7_{+16}(\downarrow M2_{-16})$

$7365 = 3^{1}\bullet 5^{1}\bullet 491^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M7_{+27}(\downarrow m2_{-27})^{1}} = (1) + \uparrow m7_{+16}(\downarrow M2_{-16})$

$7366 = 2^{1}\bullet 29^{1}\bullet 127^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1} + \uparrow 8ve_{-14}(\downarrow uni_{+14})^{1}} = (1) + \uparrow m7_{+16}(\downarrow M2_{-16})$

$7367 = 53^{1}\bullet 139^{1} = \mathbf{(1) + \uparrow M6_{-26}(\downarrow m3_{+26})^{1} + \uparrow m2_{+43}(\downarrow M7_{-43})^{1}} = (1) + \uparrow m7_{+16}(\downarrow M2_{-16})$

$7368 = 2^{3}\bullet 3^{1}\bullet 307^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m3_{+15}(\downarrow M6_{-15})^{1}} = (1) + \uparrow m7_{+16}(\downarrow M2_{-16})$

$7369 = 7369^{1} = \mathbf{(1) + \uparrow m7_{+17}(\downarrow M2_{-17})}$

$7370 = 2^{1}\bullet 5^{1}\bullet 11^{1}\bullet 67^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m2_{-21}(\downarrow M7_{+21})^{1}} = (1) + \uparrow m7_{+17}(\downarrow M2_{-17})$

$7371 = 3^{4}\bullet 7^{1}\bullet 13^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{4} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1}} = (1) + \uparrow m7_{+17}(\downarrow M2_{-17})$

$7372 = 2^{2}\bullet 19^{1}\bullet 97^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow P5_{+20}(\downarrow P4_{-20})^{1}} = (1) + \uparrow m7_{+17}(\downarrow M2_{-17})$

$7373 = 73^{1}\bullet 101^{1} = \mathbf{(1) + \uparrow M2_{+28}(\downarrow m7_{-28})^{1} + \uparrow m6_{-10}(\downarrow M3_{+10})^{1}} = (1) + \uparrow m7_{+18}(\downarrow M2_{-18})$

$7374 = 2^{1}\bullet 3^{1}\bullet 1229^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m3_{+16}(\downarrow M6_{-16})^{1}} = (1) + \uparrow m7_{+18}(\downarrow M2_{-18})$

$7375 = 5^{3}\bullet 59^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{3} + \uparrow M7_{-41}(\downarrow m2_{+41})^{1}} = (1) + \uparrow m7_{+18}(\downarrow M2_{-18})$

$7376 = 2^4 \bullet 461^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow m7_{+18}(\downarrow M2_{-18})^1} = (1) + \uparrow m7_{+18}(\downarrow M2_{-18})$

$7377 = 3^1 \bullet 2459^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m3_{+17}(\downarrow M6_{-17})^1} = (1) + \uparrow m7_{+19}(\downarrow M2_{-19})$

$7378 = 2^1 \bullet 7^1 \bullet 17^1 \bullet 31^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow M7_{+45}(\downarrow m2_{-45})^1} = (1) + \uparrow m7_{+19}(\downarrow M2_{-19})$

$7379 = 47^1 \bullet 157^1 = \mathbf{(1) + \uparrow P5_{-34}(\downarrow P4_{+34})^1 + \uparrow M3_{-46}(\downarrow m6_{+46})^1} = (1) + \uparrow m7_{+19}(\downarrow M2_{-19})$

$7380 = 2^2 \bullet 3^2 \bullet 5^1 \bullet 41^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M3_{+29}(\downarrow m6_{-29})^1} = (1) + \uparrow m7_{+19}(\downarrow M2_{-19})$

$7381 = 11^2 \bullet 61^1 = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^2 + \uparrow M7_{+17}(\downarrow m2_{-17})^1} = (1) + \uparrow m7_{+20}(\downarrow M2_{-20})$

$7382 = 2^1 \bullet 3691^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{+20}(\downarrow M2_{-20})^1} = (1) + \uparrow m7_{+20}(\downarrow M2_{-20})$

$7383 = 3^1 \bullet 23^1 \bullet 107^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow M6_{-10}(\downarrow m3_{+10})^1} = (1) + \uparrow m7_{+20}(\downarrow M2_{-20})$

$7384 = 2^3 \bullet 13^1 \bullet 71^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow M2_{-20}(\downarrow m7_{+20})^1} = (1) + \uparrow m7_{+20}(\downarrow M2_{-20})$

$7385 = 5^1 \bullet 7^1 \bullet 211^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M6_{-35}(\downarrow m3_{+35})^1} = (1) + \uparrow m7_{+20}(\downarrow M2_{-20})$

$7386 = 2^1 \bullet 3^1 \bullet 1231^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m3_{+19}(\downarrow M6_{-19})^1} = (1) + \uparrow m7_{+21}(\downarrow M2_{-21})$

$7387 = 83^1 \bullet 89^1 = \mathbf{(1) + \uparrow P4_{-50}(\downarrow P5_{+50})^1 + \uparrow tt_{-29}(\downarrow tt_{+29})^1} = (1) + \uparrow m7_{+21}(\downarrow M2_{-21})$

$7388 = 2^2 \bullet 1847^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m7_{+21}(\downarrow M2_{-21})^1} = (1) + \uparrow m7_{+21}(\downarrow M2_{-21})$

$7389 = 3^2 \bullet 821^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m6_{+17}(\downarrow M3_{-17})^1} = (1) + \uparrow m7_{+21}(\downarrow M2_{-21})$

$7390 = 2^1 \bullet 5^1 \bullet 739^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{+35}(\downarrow tt_{-35})^1} = (1) + \uparrow m7_{+22}(\downarrow M2_{-22})$

$7391 = 19^1 \bullet 389^1 = \mathbf{(1) + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow P5_{+24}(\downarrow P4_{-24})^1} = (1) + \uparrow m7_{+22}(\downarrow M2_{-22})$

$7392 = 2^5 \bullet 3^1 \bullet 7^1 \bullet 11^1 = \mathbf{(1) + \updownarrow 8ve(uni)^5 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1} = (1) + \uparrow m7_{+22}(\downarrow M2_{-22})$

$7393 = 7393^1 = \mathbf{(1) + \uparrow m7_{+22}(\downarrow M2_{-22})}$

$7394 = 2^1 \bullet 3697^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{+23}(\downarrow M2_{-23})^1} = (1) + \uparrow m7_{+23}(\downarrow M2_{-23})$

$7395 = 3^1 \bullet 5^1 \bullet 17^1 \bullet 29^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1} = (1) + \uparrow m7_{+23}(\downarrow M2_{-23})$

$7396 = 2^2 \bullet 43^2 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P4_{+12}(\downarrow P5_{-12})^2} = (1) + \uparrow m7_{+23}(\downarrow M2_{-23})$

$7397 = 13^1 \bullet 569^1 = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow M2_{-17}(\downarrow m7_{+17})^1} = (1) + \uparrow m7_{+23}(\downarrow M2_{-23})$

$7398 = 2^1 \bullet 3^3 \bullet 137^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow m2_{+18}(\downarrow M7_{-18})^1} = (1) + \uparrow m7_{+24}(\downarrow M2_{-24})$

$7399 = 7^2 \bullet 151^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^2 + \uparrow m3_{-14}(\downarrow M6_{+14})^1} = (1) + \uparrow m7_{+24}(\downarrow M2_{-24})$

$7400 = 2^3 \bullet 5^2 \bullet 37^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow m3_{-49}(\downarrow M6_{+49})^1} = (1) + \uparrow m7_{+24}(\downarrow M2_{-24})$

$7401 = 3^1 \bullet 2467^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m3_{+22}(\downarrow M6_{-22})^1} = (1) + \uparrow m7_{+24}(\downarrow M2_{-24})$

$7402 = 2^1 \bullet 3701^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{+24}(\downarrow M2_{-24})^1} = (1) + \uparrow m7_{+24}(\downarrow M2_{-24})$

$7403 = 11^1 \bullet 673^1 = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow P4_{-27}(\downarrow P5_{+27})^1} = (1) + \uparrow m7_{+25}(\downarrow M2_{-25})$

$7404 = 2^2 \bullet 3^1 \bullet 617^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m3_{+23}(\downarrow M6_{-23})^1} = (1) + \uparrow m7_{+25}(\downarrow M2_{-25})$

$7405 = 5^1 \bullet 1481^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{+39}(\downarrow tt_{-39})^1} = (1) + \uparrow m7_{+25}(\downarrow M2_{-25})$

$7406 = 2^1 \bullet 7^1 \bullet 23^2 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^2} = (1) + \uparrow m7_{+25}(\downarrow M2_{-25})$

$7407 = 3^2 \bullet 823^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m6_{+22}(\downarrow M3_{-22})^1} = (1) + \uparrow m7_{+26}(\downarrow M2_{-26})$

$7408 = 2^4 \bullet 463^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow m7_{+26}(\downarrow M2_{-26})^1} = (1) + \uparrow m7_{+26}(\downarrow M2_{-26})$

$7409 = 31^1 \bullet 239^1 = \mathbf{(1) + \uparrow M7_{+45}(\downarrow m2_{-45})^1 + \uparrow M7_{-19}(\downarrow m2_{+19})^1} = (1) + \uparrow m7_{+26}(\downarrow M2_{-26})$

$7410 = 2^1 \bullet 3^1 \bullet 5^1 \bullet 13^1 \bullet 19^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1} =$

$(1) + \uparrow m7_{+26}(\downarrow M2_{-26})$

$7411 = 7411^1 = \mathbf{(1) + \uparrow m7_{+27}(\downarrow M2_{-27})}$

$7412 = 2^2 \bullet 17^1 \bullet 109^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow M6_{+22}(\downarrow m3_{-22})^1} = (1) + \uparrow m7_{+27}(\downarrow M2_{-27})$

$7413 = 3^1 \bullet 7^1 \bullet 353^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow tt_{-44}(\downarrow tt_{+44})^1} = (1) + \uparrow m7_{+27}(\downarrow M2_{-27})$

$7414 = 2^1 \bullet 11^1 \bullet 337^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow P4_{-24}(\downarrow P5_{+24})^1} = (1) + \uparrow m7_{+27}(\downarrow M2_{-27})$

$7415 = 5^1 \bullet 1483^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{+41}(\downarrow tt_{-41})^1} = (1) + \uparrow m7_{+27}(\downarrow M2_{-27})$

$7416 = 2^3 \bullet 3^2 \bullet 103^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m6_{+24}(\downarrow M3_{-24})^1} = (1) + \uparrow m7_{+28}(\downarrow M2_{-28})$

$7417 = 7417^{1} = \mathbf{(1) + \uparrow m7_{+28}(\downarrow M2_{-28})}$

$7418 = 2^{1}\bullet 3709^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{+28}(\downarrow M2_{-28})^{1}} = (1) + \uparrow m7_{+28}(\downarrow M2_{-28})$

$7419 = 3^{1}\bullet 2473^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m3_{+26}(\downarrow M6_{-26})^{1}} = (1) + \uparrow m7_{+28}(\downarrow M2_{-28})$

$7420 = 2^{2}\bullet 5^{1}\bullet 7^{1}\bullet 53^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M6_{-26}(\downarrow m3_{+26})^{1}} = (1) + \uparrow m7_{+29}(\downarrow M2_{-29})$

$7421 = 41^{1}\bullet 181^{1} = \mathbf{(1) + \uparrow M3_{+29}(\downarrow m6_{-29})^{1} + \uparrow tt_{+0}(\downarrow tt_{-0})^{1}} = (1) + \uparrow m7_{+29}(\downarrow M2_{-29})$

$7422 = 2^{1}\bullet 3^{1}\bullet 1237^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m3_{+27}(\downarrow M6_{-27})^{1}} = (1) + \uparrow m7_{+29}(\downarrow M2_{-29})$

$7423 = 13^{1}\bullet 571^{1} = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow M2_{-11}(\downarrow m7_{+11})^{1}} = (1) + \uparrow m7_{+29}(\downarrow M2_{-29})$

$7424 = 2^{8}\bullet 29^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{8} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1}} = (1) + \uparrow m7_{+30}(\downarrow M2_{-30})$

$7425 = 3^{3}\bullet 5^{2}\bullet 11^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1}} = (1) + \uparrow m7_{+30}(\downarrow M2_{-30})$

$7426 = 2^{1}\bullet 47^{1}\bullet 79^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{-34}(\downarrow P4_{+34})^{1} + \uparrow M3_{-35}(\downarrow m6_{+35})^{1}} = (1) + \uparrow m7_{+30}(\downarrow M2_{-30})$

$7427 = 7^{1}\bullet 1061^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m2_{-39}(\downarrow M7_{+39})^{1}} = (1) + \uparrow m7_{+30}(\downarrow M2_{-30})$

$7428 = 2^{2}\bullet 3^{1}\bullet 619^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m3_{+29}(\downarrow M6_{-29})^{1}} = (1) + \uparrow m7_{+31}(\downarrow M2_{-31})$

$7429 = 17^{1}\bullet 19^{1}\bullet 23^{1} = \mathbf{(1) + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1}} = (1) + \uparrow m7_{+31}(\downarrow M2_{-31})$

$7430 = 2^{1}\bullet 5^{1}\bullet 743^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{+45}(\downarrow tt_{-45})^{1}} = (1) + \uparrow m7_{+31}(\downarrow M2_{-31})$

$7431 = 3^{1}\bullet 2477^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m3_{+29}(\downarrow M6_{-29})^{1}} = (1) + \uparrow m7_{+31}(\downarrow M2_{-31})$

$7432 = 2^{3}\bullet 929^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow m7_{+31}(\downarrow M2_{-31})^{1}} = (1) + \uparrow m7_{+31}(\downarrow M2_{-31})$

$7433 = 7433^{1} = \mathbf{(1) + \uparrow m7_{+32}(\downarrow M2_{-32})}$

$7434 = 2^{1}\bullet 3^{2}\bullet 7^{1}\bullet 59^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M7_{-41}(\downarrow m2_{+41})^{1}} = (1) + \uparrow m7_{+32}(\downarrow M2_{-32})$

$7435 = 5^{1}\bullet 1487^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{+46}(\downarrow tt_{-46})^{1}} = (1) + \uparrow m7_{+32}(\downarrow M2_{-32})$

$7436 = 2^{2}\bullet 11^{1}\bullet 13^{2} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{2}} = (1) + \uparrow m7_{+32}(\downarrow M2_{-32})$

$7437 = 3^{1}\bullet 37^{1}\bullet 67^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m3_{-49}(\downarrow M6_{+49})^{1} + \uparrow m2_{-21}(\downarrow M7_{+21})^{1}} = (1) + \uparrow m7_{+33}(\downarrow M2_{-33})$

$7438 = 2^{1}\bullet 3719^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{+33}(\downarrow M2_{-33})^{1}} = (1) + \uparrow m7_{+33}(\downarrow M2_{-33})$

$7439 = 43^{1}\bullet 173^{1} = \mathbf{(1) + \uparrow P4_{+12}(\downarrow P5_{-12})^{1} + \uparrow P4_{+22}(\downarrow P5_{-22})^{1}} = (1) + \uparrow m7_{+33}(\downarrow M2_{-33})$

$7440 = 2^{4}\bullet 3^{1}\bullet 5^{1}\bullet 31^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1}} = (1) + \uparrow m7_{+33}(\downarrow M2_{-33})$

$7441 = 7^{1}\bullet 1063^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m2_{-35}(\downarrow M7_{+35})^{1}} = (1) + \uparrow m7_{+34}(\downarrow M2_{-34})$

$7442 = 2^{1}\bullet 61^{2} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M7_{+17}(\downarrow m2_{-17})^{2}} = (1) + \uparrow m7_{+34}(\downarrow M2_{-34})$

$7443 = 3^{2}\bullet 827^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m6_{+30}(\downarrow M3_{-30})^{1}} = (1) + \uparrow m7_{+34}(\downarrow M2_{-34})$

$7444 = 2^{2}\bullet 1861^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m7_{+34}(\downarrow M2_{-34})^{1}} = (1) + \uparrow m7_{+34}(\downarrow M2_{-34})$

$7445 = 5^{1}\bullet 1489^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{+48}(\downarrow tt_{-48})^{1}} = (1) + \uparrow m7_{+34}(\downarrow M2_{-34})$

$7446 = 2^{1}\bullet 3^{1}\bullet 17^{1}\bullet 73^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow M2_{+28}(\downarrow m7_{-28})^{1}} = (1) + \uparrow m7_{+35}(\downarrow M2_{-35})$

$7447 = 11^{1}\bullet 677^{1} = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow P4_{-16}(\downarrow P5_{+16})^{1}} = (1) + \uparrow m7_{+35}(\downarrow M2_{-35})$

$7448 = 2^{3}\bullet 7^{2}\bullet 19^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow m7_{-31}(\downarrow M2_{+31})^{2} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1}} = (1) + \uparrow m7_{+35}(\downarrow M2_{-35})$

$7449 = 3^{1}\bullet 13^{1}\bullet 191^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow P5_{-7}(\downarrow P4_{+7})^{1}} = (1) + \uparrow m7_{+35}(\downarrow M2_{-35})$

$7450 = 2^{1}\bullet 5^{2}\bullet 149^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow m3_{-37}(\downarrow M6_{+37})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$7451 = 7451^{1} = \mathbf{(1) + \uparrow m7_{+36}(\downarrow M2_{-36})}$

$7452 = 2^{2}\bullet 3^{4}\bullet 23^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{4} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$7453 = 29^{1}\bullet 257^{1} = \mathbf{(1) + \uparrow m7_{+30}(\downarrow M2_{-30})^{1} + \uparrow uni_{+7}(\downarrow 8ve_{-7})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$7454 = 2^{1}\bullet 3727^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{+37}(\downarrow M2_{-37})^{1}} = (1) + \uparrow m7_{+37}(\downarrow M2_{-37})$

$7455 = 3^{1}\bullet 5^{1}\bullet 7^{1}\bullet 71^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M2_{-20}(\downarrow m7_{+20})^{1}} = (1) + \uparrow m7_{+37}(\downarrow M2_{-37})$

$7456 = 2^{5}\bullet 233^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{5} + \uparrow m7_{+37}(\downarrow M2_{-37})^{1}} = (1) + \uparrow m7_{+37}(\downarrow M2_{-37})$

$7457 = 7457^{1} = \mathbf{(1) + \uparrow m7_{+37}(\downarrow M2_{-37})}$

$7458 = 2^{1}\bullet 3^{1}\bullet 11^{1}\bullet 113^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m7_{-16}(\downarrow M2_{+16})^{1}} = (1) + \uparrow m7_{+37}(\downarrow M2_{-37})$

$7459 = 7459^{1} = \mathbf{(1) + \uparrow m7_{+38}(\downarrow M2_{-38})}$

$7460 = 2^{2}\bullet 5^{1}\bullet 373^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow P5_{-48}(\downarrow P4_{+48})^{1}} = (1) + \uparrow m7_{+38}(\downarrow M2_{-38})$

$7461 = 3^{2}\bullet 829^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m6_{+34}(\downarrow M3_{-34})^{1}} = (1) + \uparrow m7_{+38}(\downarrow M2_{-38})$

$7462 = 2^{1}\bullet 7^{1}\bullet 13^{1}\bullet 41^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow M3_{+29}(\downarrow m6_{-29})^{1}} = (1) + \uparrow m7_{+38}(\downarrow M2_{-38})$

$7463 = 17^{1}\bullet 439^{1} = \mathbf{(1) + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow M6_{+34}(\downarrow m3_{-34})^{1}} = (1) + \uparrow m7_{+39}(\downarrow M2_{-39})$

$7464 = 2^{3}\bullet 3^{1}\bullet 311^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m3_{+37}(\downarrow M6_{-37})^{1}} = (1) + \uparrow m7_{+39}(\downarrow M2_{-39})$

$7465 = 5^{1}\bullet 1493^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow P5_{-47}(\downarrow P4_{+47})^{1}} = (1) + \uparrow m7_{+39}(\downarrow M2_{-39})$

$7466 = 2^{1}\bullet 3733^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{+39}(\downarrow M2_{-39})^{1}} = (1) + \uparrow m7_{+39}(\downarrow M2_{-39})$

$7467 = 3^{1}\bullet 19^{1}\bullet 131^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow uni_{+40}(\downarrow 8ve_{-40})^{1}} = (1) + \uparrow m7_{+40}(\downarrow M2_{-40})$

$7468 = 2^{2}\bullet 1867^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m7_{+40}(\downarrow M2_{-40})^{1}} = (1) + \uparrow m7_{+40}(\downarrow M2_{-40})$

$7469 = 7^{1}\bullet 11^{1}\bullet 97^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow P5_{+20}(\downarrow P4_{-20})^{1}} = (1) + \uparrow m7_{+40}(\downarrow M2_{-40})$

$7470 = 2^{1}\bullet 3^{2}\bullet 5^{1}\bullet 83^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow P4_{-50}(\downarrow P5_{+50})^{1}} = (1) + \uparrow m7_{+40}(\downarrow M2_{-40})$

$7471 = 31^{1}\bullet 241^{1} = \mathbf{(1) + \uparrow M7_{+45}(\downarrow m2_{-45})^{1} + \uparrow M7_{-5}(\downarrow m2_{+5})^{1}} = (1) + \uparrow m7_{+41}(\downarrow M2_{-41})$

$7472 = 2^{4}\bullet 467^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow m7_{+41}(\downarrow M2_{-41})^{1}} = (1) + \uparrow m7_{+41}(\downarrow M2_{-41})$

$7473 = 3^{1}\bullet 47^{1}\bullet 53^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow P5_{-34}(\downarrow P4_{+34})^{1} + \uparrow M6_{-26}(\downarrow m3_{+26})^{1}} = (1) + \uparrow m7_{+41}(\downarrow M2_{-41})$

$7474 = 2^{1}\bullet 37^{1}\bullet 101^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m3_{-49}(\downarrow M6_{+49})^{1} + \uparrow m6_{-10}(\downarrow M3_{+10})^{1}} = (1) + \uparrow m7_{+41}(\downarrow M2_{-41})$

$7475 = 5^{2}\bullet 13^{1}\bullet 23^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1}} = (1) + \uparrow m7_{+41}(\downarrow M2_{-41})$

$7476 = 2^{2}\bullet 3^{1}\bullet 7^{1}\bullet 89^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow tt_{-29}(\downarrow tt_{+29})^{1}} = (1) + \uparrow m7_{+42}(\downarrow M2_{-42})$

$7477 = 7477^{1} = \mathbf{(1) + \uparrow m7_{+42}(\downarrow M2_{-42})}$

$7478 = 2^{1}\bullet 3739^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{+42}(\downarrow M2_{-42})^{1}} = (1) + \uparrow m7_{+42}(\downarrow M2_{-42})$

$7479 = 3^{3}\bullet 277^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow m2_{+36}(\downarrow M7_{-36})^{1}} = (1) + \uparrow m7_{+42}(\downarrow M2_{-42})$

$7480 = 2^{3}\bullet 5^{1}\bullet 11^{1}\bullet 17^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1}} = (1) + \uparrow m7_{+43}(\downarrow M2_{-43})$

$7481 = 7481^{1} = \mathbf{(1) + \uparrow m7_{+43}(\downarrow M2_{-43})}$

$7482 = 2^{1}\bullet 3^{1}\bullet 29^{1}\bullet 43^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1} + \uparrow P4_{+12}(\downarrow P5_{-12})^{1}} = (1) + \uparrow m7_{+43}(\downarrow M2_{-43})$

$7483 = 7^{1}\bullet 1069^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m2_{-26}(\downarrow M7_{+26})^{1}} = (1) + \uparrow m7_{+43}(\downarrow M2_{-43})$

$7484 = 2^{2}\bullet 1871^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m7_{+44}(\downarrow M2_{-44})^{1}} = (1) + \uparrow m7_{+44}(\downarrow M2_{-44})$

$7485 = 3^{1}\bullet 5^{1}\bullet 499^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow 8ve_{-45}(\downarrow uni_{+45})^{1}} = (1) + \uparrow m7_{+44}(\downarrow M2_{-44})$

$7486 = 2^{1}\bullet 19^{1}\bullet 197^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow P5_{+46}(\downarrow P4_{-46})^{1}} = (1) + \uparrow m7_{+44}(\downarrow M2_{-44})$

$7487 = 7487^{1} = \mathbf{(1) + \uparrow m7_{+44}(\downarrow M2_{-44})}$

$7488 = 2^{6}\bullet 3^{2}\bullet 13^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{6} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1}} = (1) + \uparrow m7_{+44}(\downarrow M2_{-44})$

$7489 = 7489^{1} = \mathbf{(1) + \uparrow m7_{+45}(\downarrow M2_{-45})}$

$7490 = 2^{1}\bullet 5^{1}\bullet 7^{1}\bullet 107^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M6_{-10}(\downarrow m3_{+10})^{1}} = (1) + \uparrow m7_{+45}(\downarrow M2_{-45})$

$7491 = 3^{1}\bullet 11^{1}\bullet 227^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m7_{-8}(\downarrow M2_{+8})^{1}} = (1) + \uparrow m7_{+45}(\downarrow M2_{-45})$

$7492 = 2^{2}\bullet 1873^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m7_{+45}(\downarrow M2_{-45})^{1}} = (1) + \uparrow m7_{+45}(\downarrow M2_{-45})$

$7493 = 59^{1}\bullet 127^{1} = \mathbf{(1) + \uparrow M7_{-41}(\downarrow m2_{+41})^{1} + \uparrow 8ve_{-14}(\downarrow uni_{+14})^{1}} = (1) + \uparrow m7_{+46}(\downarrow M2_{-46})$

$7494 = 2^{1}\bullet 3^{1}\bullet 1249^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m3_{+44}(\downarrow M6_{-44})^{1}} = (1) + \uparrow m7_{+46}(\downarrow M2_{-46})$

$7495 = 5^{1}\bullet 1499^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow P5_{-40}(\downarrow P4_{+40})^{1}} = (1) + \uparrow m7_{+46}(\downarrow M2_{-46})$

$7496 = 2^{3}\bullet 937^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow m7_{+46}(\downarrow M2_{-46})^{1}} = (1) + \uparrow m7_{+46}(\downarrow M2_{-46})$

$7497 = 3^{2}\bullet 7^{2}\bullet 17^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{2} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1}} = (1) + \uparrow m7_{+47}(\downarrow M2_{-47})$

$7498 = 2^{1}\bullet 23^{1}\bullet 163^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow M3_{+18}(\downarrow m6_{-18})^{1}} = (1) + \uparrow m7_{+47}(\downarrow M2_{-47})$

$7499 = 7499^{1} = \mathbf{(1) + \uparrow m7_{+47}(\downarrow M2_{-47})}$

$7500 = 2^{2}\bullet 3^{1}\bullet 5^{4} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{4}} = (1) + \uparrow m7_{+47}(\downarrow M2_{-47})$

$7501 = 13^1 \bullet 577^1 = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow M2_{+7}(\downarrow m7_{-7})^1} = (1) + \uparrow m7_{+47}(\downarrow M2_{-47})$

$7502 = 2^1 \bullet 11^2 \bullet 31^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^2 + \uparrow M7_{+45}(\downarrow m2_{-45})^1} = (1) + \uparrow m7_{+48}(\downarrow M2_{-48})$

$7503 = 3^1 \bullet 41^1 \bullet 61^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{+29}(\downarrow m6_{-29})^1 + \uparrow M7_{+17}(\downarrow m2_{-17})^1} = (1) + \uparrow m7_{+48}(\downarrow M2_{-48})$

$7504 = 2^4 \bullet 7^1 \bullet 67^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m2_{-21}(\downarrow M7_{+21})^1} = (1) + \uparrow m7_{+48}(\downarrow M2_{-48})$

$7505 = 5^1 \bullet 19^1 \bullet 79^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow M3_{-35}(\downarrow m6_{+35})^1} = (1) + \uparrow m7_{+48}(\downarrow M2_{-48})$

$7506 = 2^1 \bullet 3^3 \bullet 139^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow m2_{+43}(\downarrow M7_{-43})^1} = (1) + \uparrow m7_{+49}(\downarrow M2_{-49})$

$7507 = 7507^1 = \mathbf{(1) + \uparrow m7_{+49}(\downarrow M2_{-49})}$

$7508 = 2^2 \bullet 1877^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m7_{+49}(\downarrow M2_{-49})^1} = (1) + \uparrow m7_{+49}(\downarrow M2_{-49})$

$7509 = 3^1 \bullet 2503^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m3_{+47}(\downarrow M6_{-47})^1} = (1) + \uparrow m7_{+49}(\downarrow M2_{-49})$

$7510 = 2^1 \bullet 5^1 \bullet 751^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow P5_{-37}(\downarrow P4_{+37})^1} = (1) + \uparrow m7_{+50}(\downarrow M2_{-50})$

$7511 = 7^1 \bullet 29^1 \bullet 37^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1 + \uparrow m3_{-49}(\downarrow M6_{+49})^1} = (1) + \uparrow m7_{+50}(\downarrow M2_{-50})$

$7512 = 2^3 \bullet 3^1 \bullet 313^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m3_{+48}(\downarrow M6_{-48})^1} = (1) + \uparrow m7_{+50}(\downarrow M2_{-50})$

$7513 = 11^1 \bullet 683^1 = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow P4_{-1}(\downarrow P5_{+1})^1} = (1) + \uparrow M7_{-50}(\downarrow m2_{+50})$

$7514 = 2^1 \bullet 13^1 \bullet 17^2 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^2} = (1) + \uparrow M7_{-50}(\downarrow m2_{+50})$

$7515 = 3^2 \bullet 5^1 \bullet 167^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow P4_{-40}(\downarrow P5_{+40})^1} = (1) + \uparrow M7_{-49}(\downarrow m2_{+49})$

$7516 = 2^2 \bullet 1879^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M7_{-49}(\downarrow m2_{+49})^1} = (1) + \uparrow M7_{-49}(\downarrow m2_{+49})$

$7517 = 7517^1 = \mathbf{(1) + \uparrow M7_{-49}(\downarrow m2_{+49})}$

$7518 = 2^1 \bullet 3^1 \bullet 7^1 \bullet 179^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow tt_{-19}(\downarrow tt_{+19})^1} = (1) + \uparrow M7_{-49}(\downarrow m2_{+49})$

$7519 = 73^1 \bullet 103^1 = \mathbf{(1) + \uparrow M2_{+28}(\downarrow m7_{-28})^1 + \uparrow m6_{+24}(\downarrow M3_{-24})^1} = (1) + \uparrow M7_{-48}(\downarrow m2_{+48})$

$7520 = 2^5 \bullet 5^1 \bullet 47^1 = \mathbf{(1) + \updownarrow 8ve(uni)^5 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow P5_{-34}(\downarrow P4_{+34})^1} = (1) + \uparrow M7_{-48}(\downarrow m2_{+48})$

$7521 = 3^1 \bullet 23^1 \bullet 109^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow M6_{+22}(\downarrow m3_{-22})^1} = (1) + \uparrow M7_{-48}(\downarrow m2_{+48})$

$7522 = 2^1 \bullet 3761^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M7_{-48}(\downarrow m2_{+48})^1} = (1) + \uparrow M7_{-48}(\downarrow m2_{+48})$

$7523 = 7523^1 = \mathbf{(1) + \uparrow M7_{-47}(\downarrow m2_{+47})}$

$7524 = 2^2 \bullet 3^2 \bullet 11^1 \bullet 19^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1} = (1) + \uparrow M7_{-47}(\downarrow m2_{+47})$

$7525 = 5^2 \bullet 7^1 \bullet 43^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow P4_{+12}(\downarrow P5_{-12})^1} = (1) + \uparrow M7_{-47}(\downarrow m2_{+47})$

$7526 = 2^1 \bullet 53^1 \bullet 71^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M6_{-26}(\downarrow m3_{+26})^1 + \uparrow M2_{-20}(\downarrow m7_{+20})^1} = (1) + \uparrow M7_{-47}(\downarrow m2_{+47})$

$7527 = 3^1 \bullet 13^1 \bullet 193^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow P5_{+11}(\downarrow P4_{-11})^1} = (1) + \uparrow M7_{-47}(\downarrow m2_{+47})$

$7528 = 2^3 \bullet 941^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow M7_{-46}(\downarrow m2_{+46})^1} = (1) + \uparrow M7_{-46}(\downarrow m2_{+46})$

$7529 = 7529^1 = \mathbf{(1) + \uparrow M7_{-46}(\downarrow m2_{+46})}$

$7530 = 2^1 \bullet 3^1 \bullet 5^1 \bullet 251^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow 8ve_{-34}(\downarrow uni_{+34})^1} = (1) + \uparrow M7_{-46}(\downarrow m2_{+46})$

$7531 = 17^1 \bullet 443^1 = \mathbf{(1) + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow M6_{+49}(\downarrow m3_{-49})^1} = (1) + \uparrow M7_{-46}(\downarrow m2_{+46})$

$7532 = 2^2 \bullet 7^1 \bullet 269^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m2_{-14}(\downarrow M7_{+14})^1} = (1) + \uparrow M7_{-45}(\downarrow m2_{+45})$

$7533 = 3^5 \bullet 31^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^5 + \uparrow M7_{+45}(\downarrow m2_{-45})^1} = (1) + \uparrow M7_{-45}(\downarrow m2_{+45})$

$7534 = 2^1 \bullet 3767^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M7_{-45}(\downarrow m2_{+45})^1} = (1) + \uparrow M7_{-45}(\downarrow m2_{+45})$

$7535 = 5^1 \bullet 11^1 \bullet 137^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m2_{+18}(\downarrow M7_{-18})^1} = (1) + \uparrow M7_{-45}(\downarrow m2_{+45})$

$7536 = 2^4 \bullet 3^1 \bullet 157^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-46}(\downarrow m6_{+46})^1} = (1) + \uparrow M7_{-45}(\downarrow m2_{+45})$

$7537 = 7537^1 = \mathbf{(1) + \uparrow M7_{-44}(\downarrow m2_{+44})}$

$7538 = 2^1 \bullet 3769^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M7_{-44}(\downarrow m2_{+44})^1} = (1) + \uparrow M7_{-44}(\downarrow m2_{+44})$

$7539 = 3^1 \bullet 7^1 \bullet 359^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow tt_{-15}(\downarrow tt_{+15})^1} = (1) + \uparrow M7_{-44}(\downarrow m2_{+44})$

$7540 = 2^2 \bullet 5^1 \bullet 13^1 \bullet 29^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1} = (1) + \uparrow M7_{-44}(\downarrow m2_{+44})$

$7541 = 7541^1 = \mathbf{(1) + \uparrow M7_{-43}(\downarrow m2_{+43})}$

$7542 = 2^1 \bullet 3^2 \bullet 419^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M6_{-47}(\downarrow m3_{+47})^1} = (1) + \uparrow M7_{-43}(\downarrow m2_{+43})$

$7543 = 19^1 \bullet 397^1 = \mathbf{(1) + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow m6_{-40}(\downarrow M3_{+40})^1} = (1) + \uparrow M7_{-43}(\downarrow m2_{+43})$

$7544 = 2^3 \bullet 23^1 \bullet 41^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow M3_{+29}(\downarrow m6_{-29})^1} = (1) + \uparrow M7_{-43}(\downarrow m2_{+43})$

$7545 = 3^1 \bullet 5^1 \bullet 503^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow 8ve_{-31}(\downarrow uni_{+31})^1} = (1) + \uparrow M7_{-42}(\downarrow m2_{+42})$

$7546 = 2^1 \bullet 7^3 \bullet 11^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^3 + \uparrow tt_{-49}(\downarrow tt_{+49})^1} = (1) + \uparrow M7_{-42}(\downarrow m2_{+42})$

$7547 = 7547^1 = \mathbf{(1) + \uparrow M7_{-42}(\downarrow m2_{+42})}$

$7548 = 2^2 \bullet 3^1 \bullet 17^1 \bullet 37^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow m3_{-49}(\downarrow M6_{+49})^1} = (1) + \uparrow M7_{-42}(\downarrow m2_{+42})$

$7549 = 7549^1 = \mathbf{(1) + \uparrow M7_{-42}(\downarrow m2_{+42})}$

$7550 = 2^1 \bullet 5^2 \bullet 151^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow m3_{-14}(\downarrow M6_{+14})^1} = (1) + \uparrow M7_{-41}(\downarrow m2_{+41})$

$7551 = 3^2 \bullet 839^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M6_{-45}(\downarrow m3_{+45})^1} = (1) + \uparrow M7_{-41}(\downarrow m2_{+41})$

$7552 = 2^7 \bullet 59^1 = \mathbf{(1) + \updownarrow 8ve(uni)^7 + \uparrow M7_{-41}(\downarrow m2_{+41})^1} = (1) + \uparrow M7_{-41}(\downarrow m2_{+41})$

$7553 = 7^1 \bullet 13^1 \bullet 83^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow P4_{-50}(\downarrow P5_{+50})^1} = (1) + \uparrow M7_{-41}(\downarrow m2_{+41})$

$7554 = 2^1 \bullet 3^1 \bullet 1259^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-42}(\downarrow m6_{+42})^1} = (1) + \uparrow M7_{-40}(\downarrow m2_{+40})$

$7555 = 5^1 \bullet 1511^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow P5_{-26}(\downarrow P4_{+26})^1} = (1) + \uparrow M7_{-40}(\downarrow m2_{+40})$

$7556 = 2^2 \bullet 1889^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M7_{-40}(\downarrow m2_{+40})^1} = (1) + \uparrow M7_{-40}(\downarrow m2_{+40})$

$7557 = 3^1 \bullet 11^1 \bullet 229^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m7_{+7}(\downarrow M2_{-7})^1} = (1) + \uparrow M7_{-40}(\downarrow m2_{+40})$

$7558 = 2^1 \bullet 3779^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M7_{-39}(\downarrow m2_{+39})^1} = (1) + \uparrow M7_{-39}(\downarrow m2_{+39})$

$7559 = 7559^1 = \mathbf{(1) + \uparrow M7_{-39}(\downarrow m2_{+39})}$

$7560 = 2^3 \bullet 3^3 \bullet 5^1 \bullet 7^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1} = (1) + \uparrow M7_{-39}(\downarrow m2_{+39})$

$7561 = 7561^1 = \mathbf{(1) + \uparrow M7_{-39}(\downarrow m2_{+39})}$

$7562 = 2^1 \bullet 19^1 \bullet 199^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow m6_{-36}(\downarrow M3_{+36})^1} = (1) + \uparrow M7_{-39}(\downarrow m2_{+39})$

$7563 = 3^1 \bullet 2521^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-40}(\downarrow m6_{+40})^1} = (1) + \uparrow M7_{-38}(\downarrow m2_{+38})$

$7564 = 2^2 \bullet 31^1 \bullet 61^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M7_{+45}(\downarrow m2_{-45})^1 + \uparrow M7_{+17}(\downarrow m2_{-17})^1} = (1) + \uparrow M7_{-38}(\downarrow m2_{+38})$

$7565 = 5^1 \bullet 17^1 \bullet 89^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow tt_{-29}(\downarrow tt_{+29})^1} = (1) + \uparrow M7_{-38}(\downarrow m2_{+38})$

$7566 = 2^1 \bullet 3^1 \bullet 13^1 \bullet 97^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow P5_{+20}(\downarrow P4_{-20})^1} = (1) + \uparrow M7_{-38}(\downarrow m2_{+38})$

$7567 = 7^1 \bullet 23^1 \bullet 47^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow P5_{-34}(\downarrow P4_{+34})^1} = (1) + \uparrow M7_{-37}(\downarrow m2_{+37})$

$7568 = 2^4 \bullet 11^1 \bullet 43^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow P4_{+12}(\downarrow P5_{-12})^1} = (1) + \uparrow M7_{-37}(\downarrow m2_{+37})$

$7569 = 3^2 \bullet 29^2 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m7_{+30}(\downarrow M2_{-30})^2} = (1) + \uparrow M7_{-37}(\downarrow m2_{+37})$

$7570 = 2^1 \bullet 5^1 \bullet 757^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow P5_{-23}(\downarrow P4_{+23})^1} = (1) + \uparrow M7_{-37}(\downarrow m2_{+37})$

$7571 = 67^1 \bullet 113^1 = \mathbf{(1) + \uparrow m2_{-21}(\downarrow M7_{+21})^1 + \uparrow m7_{-16}(\downarrow M2_{+16})^1} = (1) + \uparrow M7_{-36}(\downarrow m2_{+36})$

$7572 = 2^2 \bullet 3^1 \bullet 631^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-38}(\downarrow m6_{+38})^1} = (1) + \uparrow M7_{-36}(\downarrow m2_{+36})$

$7573 = 7573^1 = \mathbf{(1) + \uparrow M7_{-36}(\downarrow m2_{+36})}$

$7574 = 2^1 \bullet 7^1 \bullet 541^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m2_{-5}(\downarrow M7_{+5})^1} = (1) + \uparrow M7_{-36}(\downarrow m2_{+36})$

$7575 = 3^1 \bullet 5^2 \bullet 101^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow m6_{-10}(\downarrow M3_{+10})^1} = (1) + \uparrow M7_{-36}(\downarrow m2_{+36})$

$7576 = 2^3 \bullet 947^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow M7_{-35}(\downarrow m2_{+35})^1} = (1) + \uparrow M7_{-35}(\downarrow m2_{+35})$

$7577 = 7577^1 = \mathbf{(1) + \uparrow M7_{-35}(\downarrow m2_{+35})}$

$7578 = 2^1 \bullet 3^2 \bullet 421^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M6_{-39}(\downarrow m3_{+39})^1} = (1) + \uparrow M7_{-35}(\downarrow m2_{+35})$

$7579 = 11^1 \bullet 13^1 \bullet 53^1 = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow M6_{-26}(\downarrow m3_{+26})^1} = (1) + \uparrow M7_{-35}(\downarrow m2_{+35})$

$7580 = 2^2 \bullet 5^1 \bullet 379^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow P5_{-21}(\downarrow P4_{+21})^1} = (1) + \uparrow M7_{-34}(\downarrow m2_{+34})$

$7581 = 3^1 \bullet 7^1 \bullet 19^2 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^2} = (1) + \uparrow M7_{-34}(\downarrow m2_{+34})$

$7582 = 2^1 \bullet 17^1 \bullet 223^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow m7_{-39}(\downarrow M2_{+39})^1} = (1) + \uparrow M7_{-34}(\downarrow m2_{+34})$

$7583 = 7583^1 = \mathbf{(1) + \uparrow M7_{-34}(\downarrow m2_{+34})}$

$7584 = 2^5 \bullet 3^1 \bullet 79^1 = \mathbf{(1) + \updownarrow 8ve(uni)^5 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-35}(\downarrow m6_{+35})^1} = (1) + \uparrow M7_{-34}(\downarrow m2_{+34})$

$7585 = 5^{1}\bullet 37^{1}\bullet 41^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m3_{-49}(\downarrow M6_{+49})^{1} + \uparrow M3_{+29}(\downarrow m6_{-29})^{1}} = (1) + \uparrow M7_{-33}(\downarrow m2_{+33})$

$7586 = 2^{1}\bullet 3793^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M7_{-33}(\downarrow m2_{+33})^{1}} = (1) + \uparrow M7_{-33}(\downarrow m2_{+33})$

$7587 = 3^{3}\bullet 281^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow M2_{-39}(\downarrow m7_{+39})^{1}} = (1) + \uparrow M7_{-33}(\downarrow m2_{+33})$

$7588 = 2^{2}\bullet 7^{1}\bullet 271^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m2_{-1}(\downarrow M7_{+1})^{1}} = (1) + \uparrow M7_{-33}(\downarrow m2_{+33})$

$7589 = 7589^{1} = \mathbf{(1) + \uparrow M7_{-32}(\downarrow m2_{+32})}$

$7590 = 2^{1}\bullet 3^{1}\bullet 5^{1}\bullet 11^{1}\bullet 23^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1}} =$

$(1) + \uparrow M7_{-32}(\downarrow m2_{+32})$

$7591 = 7591^{1} = \mathbf{(1) + \uparrow M7_{-32}(\downarrow m2_{+32})}$

$7592 = 2^{3}\bullet 13^{1}\bullet 73^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow M2_{+28}(\downarrow m7_{-28})^{1}} = (1) + \uparrow M7_{-32}(\downarrow m2_{+32})$

$7593 = 3^{1}\bullet 2531^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-33}(\downarrow m6_{+33})^{1}} = (1) + \uparrow M7_{-31}(\downarrow m2_{+31})$

$7594 = 2^{1}\bullet 3797^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M7_{-31}(\downarrow m2_{+31})^{1}} = (1) + \uparrow M7_{-31}(\downarrow m2_{+31})$

$7595 = 5^{1}\bullet 7^{2}\bullet 31^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{2} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1}} = (1) + \uparrow M7_{-31}(\downarrow m2_{+31})$

$7596 = 2^{2}\bullet 3^{2}\bullet 211^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M6_{-35}(\downarrow m3_{+35})^{1}} = (1) + \uparrow M7_{-31}(\downarrow m2_{+31})$

$7597 = 71^{1}\bullet 107^{1} = \mathbf{(1) + \uparrow M2_{-20}(\downarrow m7_{+20})^{1} + \uparrow M6_{-10}(\downarrow m3_{+10})^{1}} = (1) + \uparrow M7_{-31}(\downarrow m2_{+31})$

$7598 = 2^{1}\bullet 29^{1}\bullet 131^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1} + \uparrow uni_{+40}(\downarrow 8ve_{-40})^{1}} = (1) + \uparrow M7_{-30}(\downarrow m2_{+30})$

$7599 = 3^{1}\bullet 17^{1}\bullet 149^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow m3_{-37}(\downarrow M6_{+37})^{1}} = (1) + \uparrow M7_{-30}(\downarrow m2_{+30})$

$7600 = 2^{4}\bullet 5^{2}\bullet 19^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1}} = (1) + \uparrow M7_{-30}(\downarrow m2_{+30})$

$7601 = 11^{1}\bullet 691^{1} = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow P4_{+19}(\downarrow P5_{-19})^{1}} = (1) + \uparrow M7_{-30}(\downarrow m2_{+30})$

$7602 = 2^{1}\bullet 3^{1}\bullet 7^{1}\bullet 181^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow tt_{+0}(\downarrow tt_{-0})^{1}} = (1) + \uparrow M7_{-29}(\downarrow m2_{+29})$

$7603 = 7603^{1} = \mathbf{(1) + \uparrow M7_{-29}(\downarrow m2_{+29})}$

$7604 = 2^{2}\bullet 1901^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M7_{-29}(\downarrow m2_{+29})^{1}} = (1) + \uparrow M7_{-29}(\downarrow m2_{+29})$

$7605 = 3^{2}\bullet 5^{1}\bullet 13^{2} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{2}} = (1) + \uparrow M7_{-29}(\downarrow m2_{+29})$

$7606 = 2^{1}\bullet 3803^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M7_{-28}(\downarrow m2_{+28})^{1}} = (1) + \uparrow M7_{-28}(\downarrow m2_{+28})$

$7607 = 7607^{1} = \mathbf{(1) + \uparrow M7_{-28}(\downarrow m2_{+28})}$

$7608 = 2^{3}\bullet 3^{1}\bullet 317^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-30}(\downarrow m6_{+30})^{1}} = (1) + \uparrow M7_{-28}(\downarrow m2_{+28})$

$7609 = 7^{1}\bullet 1087^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m2_{+3}(\downarrow M7_{-3})^{1}} = (1) + \uparrow M7_{-28}(\downarrow m2_{+28})$

$7610 = 2^{1}\bullet 5^{1}\bullet 761^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow P5_{-14}(\downarrow P4_{+14})^{1}} = (1) + \uparrow M7_{-28}(\downarrow m2_{+28})$

$7611 = 3^{1}\bullet 43^{1}\bullet 59^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow P4_{+12}(\downarrow P5_{-12})^{1} + \uparrow M7_{-41}(\downarrow m2_{+41})^{1}} = (1) + \uparrow M7_{-27}(\downarrow m2_{+27})$

$7612 = 2^{2}\bullet 11^{1}\bullet 173^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow P4_{+22}(\downarrow P5_{-22})^{1}} = (1) + \uparrow M7_{-27}(\downarrow m2_{+27})$

$7613 = 23^{1}\bullet 331^{1} = \mathbf{(1) + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow M3_{+45}(\downarrow m6_{-45})^{1}} = (1) + \uparrow M7_{-27}(\downarrow m2_{+27})$

$7614 = 2^{1}\bullet 3^{4}\bullet 47^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{4} + \uparrow P5_{-34}(\downarrow P4_{+34})^{1}} = (1) + \uparrow M7_{-27}(\downarrow m2_{+27})$

$7615 = 5^{1}\bullet 1523^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow P5_{-13}(\downarrow P4_{+13})^{1}} = (1) + \uparrow M7_{-26}(\downarrow m2_{+26})$

$7616 = 2^{6}\bullet 7^{1}\bullet 17^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{6} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1}} = (1) + \uparrow M7_{-26}(\downarrow m2_{+26})$

$7617 = 3^{1}\bullet 2539^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-28}(\downarrow m6_{+28})^{1}} = (1) + \uparrow M7_{-26}(\downarrow m2_{+26})$

$7618 = 2^{1}\bullet 13^{1}\bullet 293^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow M2_{+34}(\downarrow m7_{-34})^{1}} = (1) + \uparrow M7_{-26}(\downarrow m2_{+26})$

$7619 = 19^{1}\bullet 401^{1} = \mathbf{(1) + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow m6_{-23}(\downarrow M3_{+23})^{1}} = (1) + \uparrow M7_{-26}(\downarrow m2_{+26})$

$7620 = 2^{2}\bullet 3^{1}\bullet 5^{1}\bullet 127^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow 8ve_{-14}(\downarrow uni_{+14})^{1}} = (1) + \uparrow M7_{-25}(\downarrow m2_{+25})$

$7621 = 7621^{1} = \mathbf{(1) + \uparrow M7_{-25}(\downarrow m2_{+25})}$

$7622 = 2^{1}\bullet 37^{1}\bullet 103^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m3_{-49}(\downarrow M6_{+49})^{1} + \uparrow m6_{+24}(\downarrow M3_{-24})^{1}} = (1) + \uparrow M7_{-25}(\downarrow m2_{+25})$

$7623 = 3^{2}\bullet 7^{1}\bullet 11^{2} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{2}} = (1) + \uparrow M7_{-25}(\downarrow m2_{+25})$

$7624 = 2^{3}\bullet 953^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow M7_{-24}(\downarrow m2_{+24})^{1}} = (1) + \uparrow M7_{-24}(\downarrow m2_{+24})$

$7625 = 5^{3}\bullet 61^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{3} + \uparrow M7_{+17}(\downarrow m2_{-17})^{1}} = (1) + \uparrow M7_{-24}(\downarrow m2_{+24})$

$7626 = 2^{1}\bullet 3^{1}\bullet 31^{1}\bullet 41^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1} + \uparrow M3_{+29}(\downarrow m6_{-29})^{1}} = (1) + \uparrow M7_{-24}(\downarrow m2_{+24})$

$7627 = 29^{1}\bullet 263^{1} = \mathbf{(1) + \uparrow m7_{+30}(\downarrow M2_{-30})^{1} + \uparrow uni_{+47}(\downarrow 8ve_{-47})^{1}} = (1) + \uparrow M7_{-24}(\downarrow m2_{+24})$

$7628 = 2^{2}\bullet 1907^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M7_{-23}(\downarrow m2_{+23})^{1}} = (1) + \uparrow M7_{-23}(\downarrow m2_{+23})$

$7629 = 3^{1}\bullet 2543^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-25}(\downarrow m6_{+25})^{1}} = (1) + \uparrow M7_{-23}(\downarrow m2_{+23})$

$7630 = 2^{1}\bullet 5^{1}\bullet 7^{1}\bullet 109^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M6_{+22}(\downarrow m3_{-22})^{1}} = (1) + \uparrow M7_{-23}(\downarrow m2_{+23})$

$7631 = 13^{1}\bullet 587^{1} = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow M2_{+37}(\downarrow m7_{-37})^{1}} = (1) + \uparrow M7_{-23}(\downarrow m2_{+23})$

$7632 = 2^{4}\bullet 3^{2}\bullet 53^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M6_{-26}(\downarrow m3_{+26})^{1}} = (1) + \uparrow M7_{-23}(\downarrow m2_{+23})$

$7633 = 17^{1}\bullet 449^{1} = \mathbf{(1) + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow m7_{-27}(\downarrow M2_{+27})^{1}} = (1) + \uparrow M7_{-22}(\downarrow m2_{+22})$

$7634 = 2^{1}\bullet 11^{1}\bullet 347^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow P4_{+27}(\downarrow P5_{-27})^{1}} = (1) + \uparrow M7_{-22}(\downarrow m2_{+22})$

$7635 = 3^{1}\bullet 5^{1}\bullet 509^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow 8ve_{-10}(\downarrow uni_{+10})^{1}} = (1) + \uparrow M7_{-22}(\downarrow m2_{+22})$

$7636 = 2^{2}\bullet 23^{1}\bullet 83^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow P4_{-50}(\downarrow P5_{+50})^{1}} = (1) + \uparrow M7_{-22}(\downarrow m2_{+22})$

$7637 = 7^{1}\bullet 1091^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m2_{+10}(\downarrow M7_{-10})^{1}} = (1) + \uparrow M7_{-21}(\downarrow m2_{+21})$

$7638 = 2^{1}\bullet 3^{1}\bullet 19^{1}\bullet 67^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow m2_{-21}(\downarrow M7_{+21})^{1}} = (1) + \uparrow M7_{-21}(\downarrow m2_{+21})$

$7639 = 7639^{1} = \mathbf{(1) + \uparrow M7_{-21}(\downarrow m2_{+21})}$

$7640 = 2^{3}\bullet 5^{1}\bullet 191^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow P5_{-7}(\downarrow P4_{+7})^{1}} = (1) + \uparrow M7_{-21}(\downarrow m2_{+21})$

$7641 = 3^{3}\bullet 283^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow M2_{-26}(\downarrow m7_{+26})^{1}} = (1) + \uparrow M7_{-21}(\downarrow m2_{+21})$

$7642 = 2^{1}\bullet 3821^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M7_{-20}(\downarrow m2_{+20})^{1}} = (1) + \uparrow M7_{-20}(\downarrow m2_{+20})$

$7643 = 7643^{1} = \mathbf{(1) + \uparrow M7_{-20}(\downarrow m2_{+20})}$

$7644 = 2^{2}\bullet 3^{1}\bullet 7^{2}\bullet 13^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{2} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1}} = (1) + \uparrow M7_{-20}(\downarrow m2_{+20})$

$7645 = 5^{1}\bullet 11^{1}\bullet 139^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m2_{+43}(\downarrow M7_{-43})^{1}} = (1) + \uparrow M7_{-20}(\downarrow m2_{+20})$

$7646 = 2^{1}\bullet 3823^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M7_{-19}(\downarrow m2_{+19})^{1}} = (1) + \uparrow M7_{-19}(\downarrow m2_{+19})$

$7647 = 3^{1}\bullet 2549^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-21}(\downarrow m6_{+21})^{1}} = (1) + \uparrow M7_{-19}(\downarrow m2_{+19})$

$7648 = 2^{5}\bullet 239^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{5} + \uparrow M7_{-19}(\downarrow m2_{+19})^{1}} = (1) + \uparrow M7_{-19}(\downarrow m2_{+19})$

$7649 = 7649^{1} = \mathbf{(1) + \uparrow M7_{-19}(\downarrow m2_{+19})}$

$7650 = 2^{1}\bullet 3^{2}\bullet 5^{2}\bullet 17^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1}} = (1) + \uparrow M7_{-19}(\downarrow m2_{+19})$

$7651 = 7^{1}\bullet 1093^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m2_{+13}(\downarrow M7_{-13})^{1}} = (1) + \uparrow M7_{-18}(\downarrow m2_{+18})$

$7652 = 2^{2}\bullet 1913^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M7_{-18}(\downarrow m2_{+18})^{1}} = (1) + \uparrow M7_{-18}(\downarrow m2_{+18})$

$7653 = 3^{1}\bullet 2551^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-20}(\downarrow m6_{+20})^{1}} = (1) + \uparrow M7_{-18}(\downarrow m2_{+18})$

$7654 = 2^{1}\bullet 43^{1}\bullet 89^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P4_{+12}(\downarrow P5_{-12})^{1} + \uparrow tt_{-29}(\downarrow tt_{+29})^{1}} = (1) + \uparrow M7_{-18}(\downarrow m2_{+18})$

$7655 = 5^{1}\bullet 1531^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow P5_{-4}(\downarrow P4_{+4})^{1}} = (1) + \uparrow M7_{-17}(\downarrow m2_{+17})$

$7656 = 2^{3}\bullet 3^{1}\bullet 11^{1}\bullet 29^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1}} = (1) + \uparrow M7_{-17}(\downarrow m2_{+17})$

$7657 = 13^{1}\bullet 19^{1}\bullet 31^{1} = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1}} = (1) + \uparrow M7_{-17}(\downarrow m2_{+17})$

$7658 = 2^{1}\bullet 7^{1}\bullet 547^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m2_{+14}(\downarrow M7_{-14})^{1}} = (1) + \uparrow M7_{-17}(\downarrow m2_{+17})$

$7659 = 3^{2}\bullet 23^{1}\bullet 37^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow m3_{-49}(\downarrow M6_{+49})^{1}} = (1) + \uparrow M7_{-16}(\downarrow m2_{+16})$

$7660 = 2^{2}\bullet 5^{1}\bullet 383^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow P5_{-3}(\downarrow P4_{+3})^{1}} = (1) + \uparrow M7_{-16}(\downarrow m2_{+16})$

$7661 = 47^{1}\bullet 163^{1} = \mathbf{(1) + \uparrow P5_{-34}(\downarrow P4_{+34})^{1} + \uparrow M3_{+18}(\downarrow m6_{-18})^{1}} = (1) + \uparrow M7_{-16}(\downarrow m2_{+16})$

$7662 = 2^{1}\bullet 3^{1}\bullet 1277^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-18}(\downarrow m6_{+18})^{1}} = (1) + \uparrow M7_{-16}(\downarrow m2_{+16})$

$7663 = 79^{1}\bullet 97^{1} = \mathbf{(1) + \uparrow M3_{-35}(\downarrow m6_{+35})^{1} + \uparrow P5_{+20}(\downarrow P4_{-20})^{1}} = (1) + \uparrow M7_{-16}(\downarrow m2_{+16})$

$7664 = 2^{4}\bullet 479^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow M7_{-15}(\downarrow m2_{+15})^{1}} = (1) + \uparrow M7_{-15}(\downarrow m2_{+15})$

$7665 = 3^{1}\bullet 5^{1}\bullet 7^{1}\bullet 73^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M2_{+28}(\downarrow m7_{-28})^{1}} = (1) + \uparrow M7_{-15}(\downarrow m2_{+15})$

$7666 = 2^{1}\bullet 3833^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M7_{-15}(\downarrow m2_{+15})^{1}} = (1) + \uparrow M7_{-15}(\downarrow m2_{+15})$

$7667 = 11^{1}\bullet 17^{1}\bullet 41^{1} = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow M3_{+29}(\downarrow m6_{-29})^{1}} = (1) + \uparrow M7_{-15}(\downarrow m2_{+15})$

$7668 = 2^2 \bullet 3^3 \bullet 71^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow M2_{-20}(\downarrow m7_{+20})^1} = (1) + \uparrow M7_{-14}(\downarrow m2_{+14})$

$7669 = 7669^1 = \mathbf{(1) + \uparrow M7_{-14}(\downarrow m2_{+14})}$

$7670 = 2^1 \bullet 5^1 \bullet 13^1 \bullet 59^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow M7_{-41}(\downarrow m2_{+41})^1} = (1) + \uparrow M7_{-14}(\downarrow m2_{+14})$

$7671 = 3^1 \bullet 2557^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-16}(\downarrow m6_{+16})^1} = (1) + \uparrow M7_{-14}(\downarrow m2_{+14})$

$7672 = 2^3 \bullet 7^1 \bullet 137^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m2_{+18}(\downarrow M7_{-18})^1} = (1) + \uparrow M7_{-14}(\downarrow m2_{+14})$

$7673 = 7673^1 = \mathbf{(1) + \uparrow M7_{-13}(\downarrow m2_{+13})}$

$7674 = 2^1 \bullet 3^1 \bullet 1279^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-15}(\downarrow m6_{+15})^1} = (1) + \uparrow M7_{-13}(\downarrow m2_{+13})$

$7675 = 5^2 \bullet 307^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow m3_{+15}(\downarrow M6_{-15})^1} = (1) + \uparrow M7_{-13}(\downarrow m2_{+13})$

$7676 = 2^2 \bullet 19^1 \bullet 101^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow m6_{-10}(\downarrow M3_{+10})^1} = (1) + \uparrow M7_{-13}(\downarrow m2_{+13})$

$7677 = 3^2 \bullet 853^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M6_{-16}(\downarrow m3_{+16})^1} = (1) + \uparrow M7_{-12}(\downarrow m2_{+12})$

$7678 = 2^1 \bullet 11^1 \bullet 349^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow P4_{+36}(\downarrow P5_{-36})^1} = (1) + \uparrow M7_{-12}(\downarrow m2_{+12})$

$7679 = 7^1 \bullet 1097^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m2_{+19}(\downarrow M7_{-19})^1} = (1) + \uparrow M7_{-12}(\downarrow m2_{+12})$

$7680 = 2^9 \bullet 3^1 \bullet 5^1 = \mathbf{(1) + \updownarrow 8ve(uni)^9 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1} = (1) + \uparrow M7_{-12}(\downarrow m2_{+12})$

$7681 = 7681^1 = \mathbf{(1) + \uparrow M7_{-12}(\downarrow m2_{+12})}$

$7682 = 2^1 \bullet 23^1 \bullet 167^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow P4_{-40}(\downarrow P5_{+40})^1} = (1) + \uparrow M7_{-11}(\downarrow m2_{+11})$

$7683 = 3^1 \bullet 13^1 \bullet 197^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow P5_{+46}(\downarrow P4_{-46})^1} = (1) + \uparrow M7_{-11}(\downarrow m2_{+11})$

$7684 = 2^2 \bullet 17^1 \bullet 113^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow m7_{-16}(\downarrow M2_{+16})^1} = (1) + \uparrow M7_{-11}(\downarrow m2_{+11})$

$7685 = 5^1 \bullet 29^1 \bullet 53^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1 + \uparrow M6_{-26}(\downarrow m3_{+26})^1} = (1) + \uparrow M7_{-11}(\downarrow m2_{+11})$

$7686 = 2^1 \bullet 3^2 \bullet 7^1 \bullet 61^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M7_{+17}(\downarrow m2_{-17})^1} = (1) + \uparrow M7_{-10}(\downarrow m2_{+10})$

$7687 = 7687^1 = \mathbf{(1) + \uparrow M7_{-10}(\downarrow m2_{+10})}$

$7688 = 2^3 \bullet 31^2 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow M7_{+45}(\downarrow m2_{-45})^2} = (1) + \uparrow M7_{-10}(\downarrow m2_{+10})$

$7689 = 3^1 \bullet 11^1 \bullet 233^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m7_{+37}(\downarrow M2_{-37})^1} = (1) + \uparrow M7_{-10}(\downarrow m2_{+10})$

$7690 = 2^1 \bullet 5^1 \bullet 769^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow P5_{+4}(\downarrow P4_{-4})^1} = (1) + \uparrow M7_{-9}(\downarrow m2_{+9})$

$7691 = 7691^1 = \mathbf{(1) + \uparrow M7_{-9}(\downarrow m2_{+9})}$

$7692 = 2^2 \bullet 3^1 \bullet 641^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-11}(\downarrow m6_{+11})^1} = (1) + \uparrow M7_{-9}(\downarrow m2_{+9})$

$7693 = 7^2 \bullet 157^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^2 + \uparrow M3_{-46}(\downarrow m6_{+46})^1} = (1) + \uparrow M7_{-9}(\downarrow m2_{+9})$

$7694 = 2^1 \bullet 3847^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M7_{-9}(\downarrow m2_{+9})^1} = (1) + \uparrow M7_{-9}(\downarrow m2_{+9})$

$7695 = 3^4 \bullet 5^1 \bullet 19^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^4 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1} = (1) + \uparrow M7_{-8}(\downarrow m2_{+8})$

$7696 = 2^4 \bullet 13^1 \bullet 37^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow m3_{-49}(\downarrow M6_{+49})^1} = (1) + \uparrow M7_{-8}(\downarrow m2_{+8})$

$7697 = 43^1 \bullet 179^1 = \mathbf{(1) + \uparrow P4_{+12}(\downarrow P5_{-12})^1 + \uparrow tt_{-19}(\downarrow tt_{+19})^1} = (1) + \uparrow M7_{-8}(\downarrow m2_{+8})$

$7698 = 2^1 \bullet 3^1 \bullet 1283^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-10}(\downarrow m6_{+10})^1} = (1) + \uparrow M7_{-8}(\downarrow m2_{+8})$

$7699 = 7699^1 = \mathbf{(1) + \uparrow M7_{-7}(\downarrow m2_{+7})}$

$7700 = 2^2 \bullet 5^2 \bullet 7^1 \bullet 11^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1} = (1) + \uparrow M7_{-7}(\downarrow m2_{+7})$

$7701 = 3^1 \bullet 17^1 \bullet 151^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow m3_{-14}(\downarrow M6_{+14})^1} = (1) + \uparrow M7_{-7}(\downarrow m2_{+7})$

$7702 = 2^1 \bullet 3851^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M7_{-7}(\downarrow m2_{+7})^1} = (1) + \uparrow M7_{-7}(\downarrow m2_{+7})$

$7703 = 7703^1 = \mathbf{(1) + \uparrow M7_{-7}(\downarrow m2_{+7})}$

$7704 = 2^3 \bullet 3^2 \bullet 107^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M6_{-10}(\downarrow m3_{+10})^1} = (1) + \uparrow M7_{-6}(\downarrow m2_{+6})$

$7705 = 5^1 \bullet 23^1 \bullet 67^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow m2_{-21}(\downarrow M7_{+21})^1} = (1) + \uparrow M7_{-6}(\downarrow m2_{+6})$

$7706 = 2^1 \bullet 3853^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M7_{-6}(\downarrow m2_{+6})^1} = (1) + \uparrow M7_{-6}(\downarrow m2_{+6})$

$7707 = 3^1 \bullet 7^1 \bullet 367^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow tt_{+24}(\downarrow tt_{-24})^1} = (1) + \uparrow M7_{-6}(\downarrow m2_{+6})$

$7708 = 2^2 \bullet 41^1 \bullet 47^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M3_{+29}(\downarrow m6_{-29})^1 + \uparrow P5_{-34}(\downarrow P4_{+34})^1} = (1) + \uparrow M7_{-5}(\downarrow m2_{+5})$

$7709 = 13^1 \bullet 593^1 = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow m3_{-46}(\downarrow M6_{+46})^1} = (1) + \uparrow M7_{-5}(\downarrow m2_{+5})$

$7710 = 2^1 \bullet 3^1 \bullet 5^1 \bullet 257^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow uni_{+7}(\downarrow 8ve_{-7})^1} = (1) + \uparrow M7_{-5}(\downarrow m2_{+5})$

$7711 = 11^1 \bullet 701^1 = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow P4_{+44}(\downarrow P5_{-44})^1} = (1) + \uparrow M7_{-5}(\downarrow m2_{+5})$

$7712 = 2^5 \bullet 241^1 = \mathbf{(1) + \updownarrow 8ve(uni)^5 + \uparrow M7_{-5}(\downarrow m2_{+5})^1} = (1) + \uparrow M7_{-5}(\downarrow m2_{+5})$

$7713 = 3^2 \bullet 857^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M6_{-8}(\downarrow m3_{+8})^1} = (1) + \uparrow M7_{-4}(\downarrow m2_{+4})$

$7714 = 2^1 \bullet 7^1 \bullet 19^1 \bullet 29^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1} = (1) + \uparrow M7_{-4}(\downarrow m2_{+4})$

$7715 = 5^1 \bullet 1543^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow P5_{+10}(\downarrow P4_{-10})^1} = (1) + \uparrow M7_{-4}(\downarrow m2_{+4})$

$7716 = 2^2 \bullet 3^1 \bullet 643^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-6}(\downarrow m6_{+6})^1} = (1) + \uparrow M7_{-4}(\downarrow m2_{+4})$

$7717 = 7717^1 = \mathbf{(1) + \uparrow M7_{-3}(\downarrow m2_{+3})}$

$7718 = 2^1 \bullet 17^1 \bullet 227^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow m7_{-8}(\downarrow M2_{+8})^1} = (1) + \uparrow M7_{-3}(\downarrow m2_{+3})$

$7719 = 3^1 \bullet 31^1 \bullet 83^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M7_{+45}(\downarrow m2_{-45})^1 + \uparrow P4_{-50}(\downarrow P5_{+50})^1} = (1) + \uparrow M7_{-3}(\downarrow m2_{+3})$

$7720 = 2^3 \bullet 5^1 \bullet 193^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow P5_{+11}(\downarrow P4_{-11})^1} = (1) + \uparrow M7_{-3}(\downarrow m2_{+3})$

$7721 = 7^1 \bullet 1103^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m2_{+29}(\downarrow M7_{-29})^1} = (1) + \uparrow M7_{-3}(\downarrow m2_{+3})$

$7722 = 2^1 \bullet 3^3 \bullet 11^1 \bullet 13^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1} = (1) + \uparrow M7_{-2}(\downarrow m2_{+2})$

$7723 = 7723^1 = \mathbf{(1) + \uparrow M7_{-2}(\downarrow m2_{+2})}$

$7724 = 2^2 \bullet 1931^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M7_{-2}(\downarrow m2_{+2})^1} = (1) + \uparrow M7_{-2}(\downarrow m2_{+2})$

$7725 = 3^1 \bullet 5^2 \bullet 103^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow m6_{+24}(\downarrow M3_{-24})^1} = (1) + \uparrow M7_{-2}(\downarrow m2_{+2})$

$7726 = 2^1 \bullet 3863^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M7_{-1}(\downarrow m2_{+1})^1} = (1) + \uparrow M7_{-1}(\downarrow m2_{+1})$

$7727 = 7727^1 = \mathbf{(1) + \uparrow M7_{-1}(\downarrow m2_{+1})}$

$7728 = 2^4 \bullet 3^1 \bullet 7^1 \bullet 23^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1} = (1) + \uparrow M7_{-1}(\downarrow m2_{+1})$

$7729 = 59^1 \bullet 131^1 = \mathbf{(1) + \uparrow M7_{-41}(\downarrow m2_{+41})^1 + \uparrow uni_{+40}(\downarrow 8ve_{-40})^1} = (1) + \uparrow M7_{-1}(\downarrow m2_{+1})$

$7730 = 2^1 \bullet 5^1 \bullet 773^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow P5_{+13}(\downarrow P4_{-13})^1} = (1) + \uparrow M7_{+0}(\downarrow m2_{-0})$

$7731 = 3^2 \bullet 859^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M6_{-4}(\downarrow m3_{+4})^1} = (1) + \uparrow M7_{+0}(\downarrow m2_{-0})$

$7732 = 2^2 \bullet 1933^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M7_{+0}(\downarrow m2_{-0})^1} = (1) + \uparrow M7_{+0}(\downarrow m2_{-0})$

$7733 = 11^1 \bullet 19^1 \bullet 37^1 = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow m3_{-49}(\downarrow M6_{+49})^1} = (1) + \uparrow M7_{+0}(\downarrow m2_{-0})$

$7734 = 2^1 \bullet 3^1 \bullet 1289^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-2}(\downarrow m6_{+2})^1} = (1) + \uparrow M7_{+0}(\downarrow m2_{-0})$

$7735 = 5^1 \bullet 7^1 \bullet 13^1 \bullet 17^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1} = (1) + \uparrow M7_{+1}(\downarrow m2_{-1})$

$7736 = 2^3 \bullet 967^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow M7_{+1}(\downarrow m2_{-1})^1} = (1) + \uparrow M7_{+1}(\downarrow m2_{-1})$

$7737 = 3^1 \bullet 2579^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-1}(\downarrow m6_{+1})^1} = (1) + \uparrow M7_{+1}(\downarrow m2_{-1})$

$7738 = 2^1 \bullet 53^1 \bullet 73^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M6_{-26}(\downarrow m3_{+26})^1 + \uparrow M2_{+28}(\downarrow m7_{-28})^1} = (1) + \uparrow M7_{+1}(\downarrow m2_{-1})$

$7739 = 71^1 \bullet 109^1 = \mathbf{(1) + \uparrow M2_{-20}(\downarrow m7_{+20})^1 + \uparrow M6_{+22}(\downarrow m3_{-22})^1} = (1) + \uparrow M7_{+2}(\downarrow m2_{-2})$

$7740 = 2^2 \bullet 3^2 \bullet 5^1 \bullet 43^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow P4_{+12}(\downarrow P5_{-12})^1} = (1) + \uparrow M7_{+2}(\downarrow m2_{-2})$

$7741 = 7741^1 = \mathbf{(1) + \uparrow M7_{+2}(\downarrow m2_{-2})}$

$7742 = 2^1 \bullet 7^2 \bullet 79^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^2 + \uparrow M3_{-35}(\downarrow m6_{+35})^1} = (1) + \uparrow M7_{+2}(\downarrow m2_{-2})$

$7743 = 3^1 \bullet 29^1 \bullet 89^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1 + \uparrow tt_{-29}(\downarrow tt_{+29})^1} = (1) + \uparrow M7_{+2}(\downarrow m2_{-2})$

$7744 = 2^6 \bullet 11^2 = \mathbf{(1) + \updownarrow 8ve(uni)^6 + \uparrow tt_{-49}(\downarrow tt_{+49})^2} = (1) + \uparrow M7_{+3}(\downarrow m2_{-3})$

$7745 = 5^1 \bullet 1549^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow P5_{+17}(\downarrow P4_{-17})^1} = (1) + \uparrow M7_{+3}(\downarrow m2_{-3})$

$7746 = 2^1 \bullet 3^1 \bullet 1291^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{+1}(\downarrow m6_{-1})^1} = (1) + \uparrow M7_{+3}(\downarrow m2_{-3})$

$7747 = 61^1 \bullet 127^1 = \mathbf{(1) + \uparrow M7_{+17}(\downarrow m2_{-17})^1 + \uparrow 8ve_{-14}(\downarrow uni_{+14})^1} = (1) + \uparrow M7_{+3}(\downarrow m2_{-3})$

$7748 = 2^2 \bullet 13^1 \bullet 149^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow m3_{-37}(\downarrow M6_{+37})^1} = (1) + \uparrow M7_{+4}(\downarrow m2_{-4})$

$7749 = 3^3 \bullet 7^1 \bullet 41^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M3_{+29}(\downarrow m6_{-29})^1} = (1) + \uparrow M7_{+4}(\downarrow m2_{-4})$

$7750 = 2^1 \bullet 5^3 \bullet 31^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^3 + \uparrow M7_{+45}(\downarrow m2_{-45})^1} = (1) + \uparrow M7_{+4}(\downarrow m2_{-4})$

$7751 = 23^1 \bullet 337^1 = \mathbf{(1) + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow P4_{-24}(\downarrow P5_{+24})^1} = (1) + \uparrow M7_{+4}(\downarrow m2_{-4})$

$7752 = 2^3 \bullet 3^1 \bullet 17^1 \bullet 19^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1} = (1) + \uparrow M7_{+4}(\downarrow m2_{-4})$

$7753 = 7753^1 = \mathbf{(1) + \uparrow M7_{+5}(\downarrow m2_{-5})}$

$7754 = 2^1 \bullet 3877^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M7_{+5}(\downarrow m2_{-5})^1} = (1) + \uparrow M7_{+5}(\downarrow m2_{-5})$

$7755 = 3^1 \bullet 5^1 \bullet 11^1 \bullet 47^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow P5_{-34}(\downarrow P4_{+34})^1} = (1) + \uparrow M7_{+5}(\downarrow m2_{-5})$

$7756 = 2^2 \bullet 7^1 \bullet 277^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m2_{+36}(\downarrow M7_{-36})^1} = (1) + \uparrow M7_{+5}(\downarrow m2_{-5})$

$7757 = 7757^1 = \mathbf{(1) + \uparrow M7_{+6}(\downarrow m2_{-6})}$

$7758 = 2^1 \bullet 3^2 \bullet 431^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M6_{+2}(\downarrow m3_{-2})^1} = (1) + \uparrow M7_{+6}(\downarrow m2_{-6})$

$7759 = 7759^1 = \mathbf{(1) + \uparrow M7_{+6}(\downarrow m2_{-6})}$

$7760 = 2^4 \bullet 5^1 \bullet 97^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow P5_{+20}(\downarrow P4_{-20})^1} = (1) + \uparrow M7_{+6}(\downarrow m2_{-6})$

$7761 = 3^1 \bullet 13^1 \bullet 199^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow m6_{-36}(\downarrow M3_{+36})^1} = (1) + \uparrow M7_{+6}(\downarrow m2_{-6})$

$7762 = 2^1 \bullet 3881^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M7_{+7}(\downarrow m2_{-7})^1} = (1) + \uparrow M7_{+7}(\downarrow m2_{-7})$

$7763 = 7^1 \bullet 1109^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m2_{+38}(\downarrow M7_{-38})^1} = (1) + \uparrow M7_{+7}(\downarrow m2_{-7})$

$7764 = 2^2 \bullet 3^1 \bullet 647^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{+5}(\downarrow m6_{-5})^1} = (1) + \uparrow M7_{+7}(\downarrow m2_{-7})$

$7765 = 5^1 \bullet 1553^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow P5_{+21}(\downarrow P4_{-21})^1} = (1) + \uparrow M7_{+7}(\downarrow m2_{-7})$

$7766 = 2^1 \bullet 11^1 \bullet 353^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow tt_{-44}(\downarrow tt_{+44})^1} = (1) + \uparrow M7_{+8}(\downarrow m2_{-8})$

$7767 = 3^2 \bullet 863^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M6_{+4}(\downarrow m3_{-4})^1} = (1) + \uparrow M7_{+8}(\downarrow m2_{-8})$

$7768 = 2^3 \bullet 971^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow M7_{+8}(\downarrow m2_{-8})^1} = (1) + \uparrow M7_{+8}(\downarrow m2_{-8})$

$7769 = 17^1 \bullet 457^1 = \mathbf{(1) + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow m7_{+3}(\downarrow M2_{-3})^1} = (1) + \uparrow M7_{+8}(\downarrow m2_{-8})$

$7770 = 2^1 \bullet 3^1 \bullet 5^1 \bullet 7^1 \bullet 37^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m3_{-49}(\downarrow M6_{+49})^1} =$
$(1) + \uparrow M7_{+8}(\downarrow m2_{-8})$

$7771 = 19^1 \bullet 409^1 = \mathbf{(1) + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow m6_{+11}(\downarrow M3_{-11})^1} = (1) + \uparrow M7_{+9}(\downarrow m2_{-9})$

$7772 = 2^2 \bullet 29^1 \bullet 67^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m7_{+30}(\downarrow M2_{-30})^1 + \uparrow m2_{-21}(\downarrow M7_{+21})^1} = (1) + \uparrow M7_{+9}(\downarrow m2_{-9})$

$7773 = 3^1 \bullet 2591^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{+7}(\downarrow m6_{-7})^1} = (1) + \uparrow M7_{+9}(\downarrow m2_{-9})$

$7774 = 2^1 \bullet 13^2 \bullet 23^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^2 + \uparrow tt_{+28}(\downarrow tt_{-28})^1} = (1) + \uparrow M7_{+9}(\downarrow m2_{-9})$

$7775 = 5^2 \bullet 311^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow m3_{+37}(\downarrow M6_{-37})^1} = (1) + \uparrow M7_{+10}(\downarrow m2_{-10})$

$7776 = 2^5 \bullet 3^5 = \mathbf{(1) + \updownarrow 8ve(uni)^5 + \uparrow P5_{+2}(\downarrow P4_{-2})^5} = (1) + \uparrow M7_{+10}(\downarrow m2_{-10})$

$7777 = 7^1 \bullet 11^1 \bullet 101^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m6_{-10}(\downarrow M3_{+10})^1} = (1) + \uparrow M7_{+10}(\downarrow m2_{-10})$

$7778 = 2^1 \bullet 3889^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M7_{+10}(\downarrow m2_{-10})^1} = (1) + \uparrow M7_{+10}(\downarrow m2_{-10})$

$7779 = 3^1 \bullet 2593^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{+8}(\downarrow m6_{-8})^1} = (1) + \uparrow M7_{+10}(\downarrow m2_{-10})$

$7780 = 2^2 \bullet 5^1 \bullet 389^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow P5_{+24}(\downarrow P4_{-24})^1} = (1) + \uparrow M7_{+11}(\downarrow m2_{-11})$

$7781 = 31^1 \bullet 251^1 = \mathbf{(1) + \uparrow M7_{+45}(\downarrow m2_{-45})^1 + \uparrow 8ve_{-34}(\downarrow uni_{+34})^1} = (1) + \uparrow M7_{+11}(\downarrow m2_{-11})$

$7782 = 2^1 \bullet 3^1 \bullet 1297^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{+9}(\downarrow m6_{-9})^1} = (1) + \uparrow M7_{+11}(\downarrow m2_{-11})$

$7783 = 43^1 \bullet 181^1 = \mathbf{(1) + \uparrow P4_{+12}(\downarrow P5_{-12})^1 + \uparrow tt_{+0}(\downarrow tt_{-0})^1} = (1) + \uparrow M7_{+11}(\downarrow m2_{-11})$

$7784 = 2^3 \bullet 7^1 \bullet 139^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m2_{+43}(\downarrow M7_{-43})^1} = (1) + \uparrow M7_{+12}(\downarrow m2_{-12})$

$7785 = 3^2 \bullet 5^1 \bullet 173^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow P4_{+22}(\downarrow P5_{-22})^1} = (1) + \uparrow M7_{+12}(\downarrow m2_{-12})$

$7786 = 2^1 \bullet 17^1 \bullet 229^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow m7_{+7}(\downarrow M2_{-7})^1} = (1) + \uparrow M7_{+12}(\downarrow m2_{-12})$

$7787 = 13^1 \bullet 599^1 = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow m3_{-28}(\downarrow M6_{+28})^1} = (1) + \uparrow M7_{+12}(\downarrow m2_{-12})$

$7788 = 2^2 \bullet 3^1 \bullet 11^1 \bullet 59^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow M7_{-41}(\downarrow m2_{+41})^1} = (1) + \uparrow M7_{+12}(\downarrow m2_{-12})$

$7789 = 7789^1 = \mathbf{(1) + \uparrow M7_{+13}(\downarrow m2_{-13})}$

$7790 = 2^1 \bullet 5^1 \bullet 19^1 \bullet 41^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow M3_{+29}(\downarrow m6_{-29})^1} = (1) + \uparrow M7_{+13}(\downarrow m2_{-13})$

$7791 = 3^1 \bullet 7^2 \bullet 53^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^2 + \uparrow M6_{-26}(\downarrow m3_{+26})^1} = (1) + \uparrow M7_{+13}(\downarrow m2_{-13})$

$7792 = 2^4 \bullet 487^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow M7_{+13}(\downarrow m2_{-13})^1} = (1) + \uparrow M7_{+13}(\downarrow m2_{-13})$

$7793 = 7793^{1} = \mathbf{(1) + \uparrow M7_{+14}(\downarrow m2_{-14})}$

$7794 = 2^{1}\bullet 3^{2}\bullet 433^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M6_{+10}(\downarrow m3_{-10})^{1}} = (1) + \uparrow M7_{+14}(\downarrow m2_{-14})$

$7795 = 5^{1}\bullet 1559^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow P5_{+28}(\downarrow P4_{-28})^{1}} = (1) + \uparrow M7_{+14}(\downarrow m2_{-14})$

$7796 = 2^{2}\bullet 1949^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M7_{+14}(\downarrow m2_{-14})^{1}} = (1) + \uparrow M7_{+14}(\downarrow m2_{-14})$

$7797 = 3^{1}\bullet 23^{1}\bullet 113^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow m7_{-16}(\downarrow M2_{+16})^{1}} = (1) + \uparrow M7_{+14}(\downarrow m2_{-14})$

$7798 = 2^{1}\bullet 7^{1}\bullet 557^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m2_{+46}(\downarrow M7_{-46})^{1}} = (1) + \uparrow M7_{+15}(\downarrow m2_{-15})$

$7799 = 11^{1}\bullet 709^{1} = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow tt_{-36}(\downarrow tt_{+36})^{1}} = (1) + \uparrow M7_{+15}(\downarrow m2_{-15})$

$7800 = 2^{3}\bullet 3^{1}\bullet 5^{2}\bullet 13^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1}} = (1) + \uparrow M7_{+15}(\downarrow m2_{-15})$

$7801 = 29^{1}\bullet 269^{1} = \mathbf{(1) + \uparrow m7_{+30}(\downarrow M2_{-30})^{1} + \uparrow m2_{-14}(\downarrow M7_{+14})^{1}} = (1) + \uparrow M7_{+15}(\downarrow m2_{-15})$

$7802 = 2^{1}\bullet 47^{1}\bullet 83^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{-34}(\downarrow P4_{+34})^{1} + \uparrow P4_{-50}(\downarrow P5_{+50})^{1}} = (1) + \uparrow M7_{+16}(\downarrow m2_{-16})$

$7803 = 3^{3}\bullet 17^{2} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow m2_{+5}(\downarrow M7_{-5})^{2}} = (1) + \uparrow M7_{+16}(\downarrow m2_{-16})$

$7804 = 2^{2}\bullet 1951^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M7_{+16}(\downarrow m2_{-16})^{1}} = (1) + \uparrow M7_{+16}(\downarrow m2_{-16})$

$7805 = 5^{1}\bullet 7^{1}\bullet 223^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m7_{-39}(\downarrow M2_{+39})^{1}} = (1) + \uparrow M7_{+16}(\downarrow m2_{-16})$

$7806 = 2^{1}\bullet 3^{1}\bullet 1301^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{+14}(\downarrow m6_{-14})^{1}} = (1) + \uparrow M7_{+16}(\downarrow m2_{-16})$

$7807 = 37^{1}\bullet 211^{1} = \mathbf{(1) + \uparrow m3_{-49}(\downarrow M6_{+49})^{1} + \uparrow M6_{-35}(\downarrow m3_{+35})^{1}} = (1) + \uparrow M7_{+17}(\downarrow m2_{-17})$

$7808 = 2^{7}\bullet 61^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{7} + \uparrow M7_{+17}(\downarrow m2_{-17})^{1}} = (1) + \uparrow M7_{+17}(\downarrow m2_{-17})$

$7809 = 3^{1}\bullet 19^{1}\bullet 137^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow m2_{+18}(\downarrow M7_{-18})^{1}} = (1) + \uparrow M7_{+17}(\downarrow m2_{-17})$

$7810 = 2^{1}\bullet 5^{1}\bullet 11^{1}\bullet 71^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow M2_{-20}(\downarrow m7_{+20})^{1}} = (1) + \uparrow M7_{+17}(\downarrow m2_{-17})$

$7811 = 73^{1}\bullet 107^{1} = \mathbf{(1) + \uparrow M2_{+28}(\downarrow m7_{-28})^{1} + \uparrow M6_{-10}(\downarrow m3_{+10})^{1}} = (1) + \uparrow M7_{+18}(\downarrow m2_{-18})$

$7812 = 2^{2}\bullet 3^{2}\bullet 7^{1}\bullet 31^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1}} = (1) + \uparrow M7_{+18}(\downarrow m2_{-18})$

$7813 = 13^{1}\bullet 601^{1} = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m3_{-23}(\downarrow M6_{+23})^{1}} = (1) + \uparrow M7_{+18}(\downarrow m2_{-18})$

$7814 = 2^{1}\bullet 3907^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M7_{+18}(\downarrow m2_{-18})^{1}} = (1) + \uparrow M7_{+18}(\downarrow m2_{-18})$

$7815 = 3^{1}\bullet 5^{1}\bullet 521^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow uni_{+30}(\downarrow 8ve_{-30})^{1}} = (1) + \uparrow M7_{+18}(\downarrow m2_{-18})$

$7816 = 2^{3}\bullet 977^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow M7_{+19}(\downarrow m2_{-19})^{1}} = (1) + \uparrow M7_{+19}(\downarrow m2_{-19})$

$7817 = 7817^{1} = \mathbf{(1) + \uparrow M7_{+19}(\downarrow m2_{-19})}$

$7818 = 2^{1}\bullet 3^{1}\bullet 1303^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{+17}(\downarrow m6_{-17})^{1}} = (1) + \uparrow M7_{+19}(\downarrow m2_{-19})$

$7819 = 7^{1}\bullet 1117^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M2_{-50}(\downarrow m7_{+50})^{1}} = (1) + \uparrow M7_{+19}(\downarrow m2_{-19})$

$7820 = 2^{2}\bullet 5^{1}\bullet 17^{1}\bullet 23^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1}} = (1) + \uparrow M7_{+20}(\downarrow m2_{-20})$

$7821 = 3^{2}\bullet 11^{1}\bullet 79^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow M3_{-35}(\downarrow m6_{+35})^{1}} = (1) + \uparrow M7_{+20}(\downarrow m2_{-20})$

$7822 = 2^{1}\bullet 3911^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M7_{+20}(\downarrow m2_{-20})^{1}} = (1) + \uparrow M7_{+20}(\downarrow m2_{-20})$

$7823 = 7823^{1} = \mathbf{(1) + \uparrow M7_{+20}(\downarrow m2_{-20})}$

$7824 = 2^{4}\bullet 3^{1}\bullet 163^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{+18}(\downarrow m6_{-18})^{1}} = (1) + \uparrow M7_{+20}(\downarrow m2_{-20})$

$7825 = 5^{2}\bullet 313^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow m3_{+48}(\downarrow M6_{-48})^{1}} = (1) + \uparrow M7_{+21}(\downarrow m2_{-21})$

$7826 = 2^{1}\bullet 7^{1}\bullet 13^{1}\bullet 43^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow P4_{+12}(\downarrow P5_{-12})^{1}} = (1) + \uparrow M7_{+21}(\downarrow m2_{-21})$

$7827 = 3^{1}\bullet 2609^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{+19}(\downarrow m6_{-19})^{1}} = (1) + \uparrow M7_{+21}(\downarrow m2_{-21})$

$7828 = 2^{2}\bullet 19^{1}\bullet 103^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow m6_{+24}(\downarrow M3_{-24})^{1}} = (1) + \uparrow M7_{+21}(\downarrow m2_{-21})$

$7829 = 7829^{1} = \mathbf{(1) + \uparrow M7_{+22}(\downarrow m2_{-22})}$

$7830 = 2^{1}\bullet 3^{3}\bullet 5^{1}\bullet 29^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1}} = (1) + \uparrow M7_{+22}(\downarrow m2_{-22})$

$7831 = 41^{1}\bullet 191^{1} = \mathbf{(1) + \uparrow M3_{+29}(\downarrow m6_{-29})^{1} + \uparrow P5_{-7}(\downarrow P4_{+7})^{1}} = (1) + \uparrow M7_{+22}(\downarrow m2_{-22})$

$7832 = 2^{3}\bullet 11^{1}\bullet 89^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow tt_{-29}(\downarrow tt_{+29})^{1}} = (1) + \uparrow M7_{+22}(\downarrow m2_{-22})$

$7833 = 3^{1}\bullet 7^{1}\bullet 373^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow P5_{-48}(\downarrow P4_{+48})^{1}} = (1) + \uparrow M7_{+22}(\downarrow m2_{-22})$

$7834 = 2^{1}\bullet 3917^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M7_{+23}(\downarrow m2_{-23})^{1}} = (1) + \uparrow M7_{+23}(\downarrow m2_{-23})$

$7835 = 5^{1}\bullet 1567^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow P5_{+37}(\downarrow P4_{-37})^{1}} = (1) + \uparrow M7_{+23}(\downarrow m2_{-23})$

$7836 = 2^{2}\bullet 3^{1}\bullet 653^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{+21}(\downarrow m6_{-21})^{1}} = (1) + \uparrow M7_{+23}(\downarrow m2_{-23})$

$7837 = 17^{1}\bullet 461^{1} = \mathbf{(1) + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow m7_{+18}(\downarrow M2_{-18})^{1}} = (1) + \uparrow M7_{+23}(\downarrow m2_{-23})$

$7838 = 2^{1}\bullet 3919^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M7_{+24}(\downarrow m2_{-24})^{1}} = (1) + \uparrow M7_{+24}(\downarrow m2_{-24})$

$7839 = 3^{2}\bullet 13^{1}\bullet 67^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m2_{-21}(\downarrow M7_{+21})^{1}} = (1) + \uparrow M7_{+24}(\downarrow m2_{-24})$

$7840 = 2^{5}\bullet 5^{1}\bullet 7^{2} = \mathbf{(1) + \updownarrow 8ve(uni)^{5} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{2}} = (1) + \uparrow M7_{+24}(\downarrow m2_{-24})$

$7841 = 7841^{1} = \mathbf{(1) + \uparrow M7_{+24}(\downarrow m2_{-24})}$

$7842 = 2^{1}\bullet 3^{1}\bullet 1307^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{+22}(\downarrow m6_{-22})^{1}} = (1) + \uparrow M7_{+24}(\downarrow m2_{-24})$

$7843 = 11^{1}\bullet 23^{1}\bullet 31^{1} = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1}} = (1) + \uparrow M7_{+25}(\downarrow m2_{-25})$

$7844 = 2^{2}\bullet 37^{1}\bullet 53^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m3_{-49}(\downarrow M6_{+49})^{1} + \uparrow M6_{-26}(\downarrow m3_{+26})^{1}} = (1) + \uparrow M7_{+25}(\downarrow m2_{-25})$

$7845 = 3^{1}\bullet 5^{1}\bullet 523^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow uni_{+37}(\downarrow 8ve_{-37})^{1}} = (1) + \uparrow M7_{+25}(\downarrow m2_{-25})$

$7846 = 2^{1}\bullet 3923^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M7_{+25}(\downarrow m2_{-25})^{1}} = (1) + \uparrow M7_{+25}(\downarrow m2_{-25})$

$7847 = 7^{1}\bullet 19^{1}\bullet 59^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow M7_{-41}(\downarrow m2_{+41})^{1}} = (1) + \uparrow M7_{+26}(\downarrow m2_{-26})$

$7848 = 2^{3}\bullet 3^{2}\bullet 109^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M6_{+22}(\downarrow m3_{-22})^{1}} = (1) + \uparrow M7_{+26}(\downarrow m2_{-26})$

$7849 = 47^{1}\bullet 167^{1} = \mathbf{(1) + \uparrow P5_{-34}(\downarrow P4_{+34})^{1} + \uparrow P4_{-40}(\downarrow P5_{+40})^{1}} = (1) + \uparrow M7_{+26}(\downarrow m2_{-26})$

$7850 = 2^{1}\bullet 5^{2}\bullet 157^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow M3_{-46}(\downarrow m6_{+46})^{1}} = (1) + \uparrow M7_{+26}(\downarrow m2_{-26})$

$7851 = 3^{1}\bullet 2617^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{+24}(\downarrow m6_{-24})^{1}} = (1) + \uparrow M7_{+26}(\downarrow m2_{-26})$

$7852 = 2^{2}\bullet 13^{1}\bullet 151^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m3_{-14}(\downarrow M6_{+14})^{1}} = (1) + \uparrow M7_{+27}(\downarrow m2_{-27})$

$7853 = 7853^{1} = \mathbf{(1) + \uparrow M7_{+27}(\downarrow m2_{-27})}$

$7854 = 2^{1}\bullet 3^{1}\bullet 7^{1}\bullet 11^{1}\bullet 17^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1}} =$

$(1) + \uparrow M7_{+27}(\downarrow m2_{-27})$

$7855 = 5^{1}\bullet 1571^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow P5_{+41}(\downarrow P4_{-41})^{1}} = (1) + \uparrow M7_{+27}(\downarrow m2_{-27})$

$7856 = 2^{4}\bullet 491^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow M7_{+27}(\downarrow m2_{-27})^{1}} = (1) + \uparrow M7_{+27}(\downarrow m2_{-27})$

$7857 = 3^{4}\bullet 97^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{4} + \uparrow P5_{+20}(\downarrow P4_{-20})^{1}} = (1) + \uparrow M7_{+28}(\downarrow m2_{-28})$

$7858 = 2^{1}\bullet 3929^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M7_{+28}(\downarrow m2_{-28})^{1}} = (1) + \uparrow M7_{+28}(\downarrow m2_{-28})$

$7859 = 29^{1}\bullet 271^{1} = \mathbf{(1) + \uparrow m7_{+30}(\downarrow M2_{-30})^{1} + \uparrow m2_{-1}(\downarrow M7_{+1})^{1}} = (1) + \uparrow M7_{+28}(\downarrow m2_{-28})$

$7860 = 2^{2}\bullet 3^{1}\bullet 5^{1}\bullet 131^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow uni_{+40}(\downarrow 8ve_{-40})^{1}} = (1) + \uparrow M7_{+28}(\downarrow m2_{-28})$

$7861 = 7^{1}\bullet 1123^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M2_{-40}(\downarrow m7_{+40})^{1}} = (1) + \uparrow M7_{+29}(\downarrow m2_{-29})$

$7862 = 2^{1}\bullet 3931^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M7_{+29}(\downarrow m2_{-29})^{1}} = (1) + \uparrow M7_{+29}(\downarrow m2_{-29})$

$7863 = 3^{1}\bullet 2621^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{+27}(\downarrow m6_{-27})^{1}} = (1) + \uparrow M7_{+29}(\downarrow m2_{-29})$

$7864 = 2^{3}\bullet 983^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow M7_{+29}(\downarrow m2_{-29})^{1}} = (1) + \uparrow M7_{+29}(\downarrow m2_{-29})$

$7865 = 5^{1}\bullet 11^{2}\bullet 13^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{2} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1}} = (1) + \uparrow M7_{+29}(\downarrow m2_{-29})$

$7866 = 2^{1}\bullet 3^{2}\bullet 19^{1}\bullet 23^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1}} = (1) + \uparrow M7_{+30}(\downarrow m2_{-30})$

$7867 = 7867^{1} = \mathbf{(1) + \uparrow M7_{+30}(\downarrow m2_{-30})}$

$7868 = 2^{2}\bullet 7^{1}\bullet 281^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M2_{-39}(\downarrow m7_{+39})^{1}} = (1) + \uparrow M7_{+30}(\downarrow m2_{-30})$

$7869 = 3^{1}\bullet 43^{1}\bullet 61^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow P4_{+12}(\downarrow P5_{-12})^{1} + \uparrow M7_{+17}(\downarrow m2_{-17})^{1}} = (1) + \uparrow M7_{+30}(\downarrow m2_{-30})$

$7870 = 2^{1}\bullet 5^{1}\bullet 787^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow P5_{+44}(\downarrow P4_{-44})^{1}} = (1) + \uparrow M7_{+31}(\downarrow m2_{-31})$

$7871 = 17^{1}\bullet 463^{1} = \mathbf{(1) + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow m7_{+26}(\downarrow M2_{-26})^{1}} = (1) + \uparrow M7_{+31}(\downarrow m2_{-31})$

$7872 = 2^{6}\bullet 3^{1}\bullet 41^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{6} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{+29}(\downarrow m6_{-29})^{1}} = (1) + \uparrow M7_{+31}(\downarrow m2_{-31})$

$7873 = 7873^{1} = \mathbf{(1) + \uparrow M7_{+31}(\downarrow m2_{-31})}$

$7874 = 2^{1}\bullet 31^{1}\bullet 127^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1} + \uparrow 8ve_{-14}(\downarrow uni_{+14})^{1}} = (1) + \uparrow M7_{+31}(\downarrow m2_{-31})$

$7875 = 3^{2}\bullet 5^{3}\bullet 7^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{3} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1}} = (1) + \uparrow M7_{+32}(\downarrow m2_{-32})$

$7876 = 2^{2}\bullet 11^{1}\bullet 179^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow tt_{-19}(\downarrow tt_{+19})^{1}} = (1) + \uparrow M7_{+32}(\downarrow m2_{-32})$

$7877 = 7877^{1} = \mathbf{(1) + \uparrow M7_{+32}(\downarrow m2_{-32})}$

$7878 = 2^{1}\bullet 3^{1}\bullet 13^{1}\bullet 101^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m6_{-10}(\downarrow M3_{+10})^{1}} = (1) + \uparrow M7_{+32}(\downarrow m2_{-32})$

$7879 = 7879^{1} = \mathbf{(1) + \uparrow M7_{+33}(\downarrow m2_{-33})}$

$7880 = 2^{3}\bullet 5^{1}\bullet 197^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow P5_{+46}(\downarrow P4_{-46})^{1}} = (1) + \uparrow M7_{+33}(\downarrow m2_{-33})$

$7881 = 3^{1}\bullet 37^{1}\bullet 71^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m3_{-49}(\downarrow M6_{+49})^{1} + \uparrow M2_{-20}(\downarrow m7_{+20})^{1}} = (1) + \uparrow M7_{+33}(\downarrow m2_{-33})$

$7882 = 2^{1}\bullet 7^{1}\bullet 563^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M2_{-36}(\downarrow m7_{+36})^{1}} = (1) + \uparrow M7_{+33}(\downarrow m2_{-33})$

$7883 = 7883^{1} = \mathbf{(1) + \uparrow M7_{+33}(\downarrow m2_{-33})}$

$7884 = 2^{2}\bullet 3^{3}\bullet 73^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow M2_{+28}(\downarrow m7_{-28})^{1}} = (1) + \uparrow M7_{+34}(\downarrow m2_{-34})$

$7885 = 5^{1}\bullet 19^{1}\bullet 83^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow P4_{-50}(\downarrow P5_{+50})^{1}} = (1) + \uparrow M7_{+34}(\downarrow m2_{-34})$

$7886 = 2^{1}\bullet 3943^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M7_{+34}(\downarrow m2_{-34})^{1}} = (1) + \uparrow M7_{+34}(\downarrow m2_{-34})$

$7887 = 3^{1}\bullet 11^{1}\bullet 239^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow M7_{-19}(\downarrow m2_{+19})^{1}} = (1) + \uparrow M7_{+34}(\downarrow m2_{-34})$

$7888 = 2^{4}\bullet 17^{1}\bullet 29^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1}} = (1) + \uparrow M7_{+35}(\downarrow m2_{-35})$

$7889 = 7^{3}\bullet 23^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{3} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1}} = (1) + \uparrow M7_{+35}(\downarrow m2_{-35})$

$7890 = 2^{1}\bullet 3^{1}\bullet 5^{1}\bullet 263^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow uni_{+47}(\downarrow 8ve_{-47})^{1}} = (1) + \uparrow M7_{+35}(\downarrow m2_{-35})$

$7891 = 13^{1}\bullet 607^{1} = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m3_{-5}(\downarrow M6_{+5})^{1}} = (1) + \uparrow M7_{+35}(\downarrow m2_{-35})$

$7892 = 2^{2}\bullet 1973^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M7_{+35}(\downarrow m2_{-35})^{1}} = (1) + \uparrow M7_{+35}(\downarrow m2_{-35})$

$7893 = 3^{2}\bullet 877^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M6_{+32}(\downarrow m3_{-32})^{1}} = (1) + \uparrow M7_{+36}(\downarrow m2_{-36})$

$7894 = 2^{1}\bullet 3947^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M7_{+36}(\downarrow m2_{-36})^{1}} = (1) + \uparrow M7_{+36}(\downarrow m2_{-36})$

$7895 = 5^{1}\bullet 1579^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow P5_{+50}(\downarrow P4_{-50})^{1}} = (1) + \uparrow M7_{+36}(\downarrow m2_{-36})$

$7896 = 2^{3}\bullet 3^{1}\bullet 7^{1}\bullet 47^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow P5_{-34}(\downarrow P4_{+34})^{1}} = (1) + \uparrow M7_{+36}(\downarrow m2_{-36})$

$7897 = 53^{1}\bullet 149^{1} = \mathbf{(1) + \uparrow M6_{-26}(\downarrow m3_{+26})^{1} + \uparrow m3_{-37}(\downarrow M6_{+37})^{1}} = (1) + \uparrow M7_{+37}(\downarrow m2_{-37})$

$7898 = 2^{1}\bullet 11^{1}\bullet 359^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow tt_{-15}(\downarrow tt_{+15})^{1}} = (1) + \uparrow M7_{+37}(\downarrow m2_{-37})$

$7899 = 3^{1}\bullet 2633^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{+35}(\downarrow m6_{-35})^{1}} = (1) + \uparrow M7_{+37}(\downarrow m2_{-37})$

$7900 = 2^{2}\bullet 5^{2}\bullet 79^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow M3_{-35}(\downarrow m6_{+35})^{1}} = (1) + \uparrow M7_{+37}(\downarrow m2_{-37})$

$7901 = 7901^{1} = \mathbf{(1) + \uparrow M7_{+37}(\downarrow m2_{-37})}$

$7902 = 2^{1}\bullet 3^{2}\bullet 439^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M6_{+34}(\downarrow m3_{-34})^{1}} = (1) + \uparrow M7_{+38}(\downarrow m2_{-38})$

$7903 = 7^{1}\bullet 1129^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M2_{-31}(\downarrow m7_{+31})^{1}} = (1) + \uparrow M7_{+38}(\downarrow m2_{-38})$

$7904 = 2^{5}\bullet 13^{1}\bullet 19^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{5} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1}} = (1) + \uparrow M7_{+38}(\downarrow m2_{-38})$

$7905 = 3^{1}\bullet 5^{1}\bullet 17^{1}\bullet 31^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1}} = (1) + \uparrow M7_{+38}(\downarrow m2_{-38})$

$7906 = 2^{1}\bullet 59^{1}\bullet 67^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M7_{-41}(\downarrow m2_{+41})^{1} + \uparrow m2_{-21}(\downarrow M7_{+21})^{1}} = (1) + \uparrow M7_{+38}(\downarrow m2_{-38})$

$7907 = 7907^{1} = \mathbf{(1) + \uparrow M7_{+39}(\downarrow m2_{-39})}$

$7908 = 2^{2}\bullet 3^{1}\bullet 659^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{+37}(\downarrow m6_{-37})^{1}} = (1) + \uparrow M7_{+39}(\downarrow m2_{-39})$

$7909 = 11^{1}\bullet 719^{1} = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow tt_{-12}(\downarrow tt_{+12})^{1}} = (1) + \uparrow M7_{+39}(\downarrow m2_{-39})$

$7910 = 2^{1}\bullet 5^{1}\bullet 7^{1}\bullet 113^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m7_{-16}(\downarrow M2_{+16})^{1}} = (1) + \uparrow M7_{+39}(\downarrow m2_{-39})$

$7911 = 3^{3}\bullet 293^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow M2_{+34}(\downarrow m7_{-34})^{1}} = (1) + \uparrow M7_{+40}(\downarrow m2_{-40})$

$7912 = 2^{3}\bullet 23^{1}\bullet 43^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow P4_{+12}(\downarrow P5_{-12})^{1}} = (1) + \uparrow M7_{+40}(\downarrow m2_{-40})$

$7913 = 41^{1}\bullet 193^{1} = \mathbf{(1) + \uparrow M3_{+29}(\downarrow m6_{-29})^{1} + \uparrow P5_{+11}(\downarrow P4_{-11})^{1}} = (1) + \uparrow M7_{+40}(\downarrow m2_{-40})$

$7914 = 2^{1}\bullet 3^{1}\bullet 1319^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{+38}(\downarrow m6_{-38})^{1}} = (1) + \uparrow M7_{+40}(\downarrow m2_{-40})$

$7915 = 5^{1}\bullet 1583^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m6_{-46}(\downarrow M3_{+46})^{1}} = (1) + \uparrow M7_{+40}(\downarrow m2_{-40})$

$7916 = 2^{2}\bullet 1979^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M7_{+41}(\downarrow m2_{-41})^{1}} = (1) + \uparrow M7_{+41}(\downarrow m2_{-41})$

$7917 = 3^{1}\bullet 7^{1}\bullet 13^{1}\bullet 29^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1}} =$

$(1) + \uparrow M7_{+41}(\downarrow m2_{-41})$

$7918 = 2^1 \bullet 37^1 \bullet 107^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m3_{-49}(\downarrow M6_{+49})^1 + \uparrow M6_{-10}(\downarrow m3_{+10})^1} = (1) + \uparrow M7_{+41}(\downarrow m2_{-41})$

$7919 = 7919^1 = \mathbf{(1) + \uparrow M7_{+41}(\downarrow m2_{-41})}$

$7920 = 2^4 \bullet 3^2 \bullet 5^1 \bullet 11^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1} = (1) + \uparrow M7_{+42}(\downarrow m2_{-42})$

$7921 = 89^2 = \mathbf{(1) + \uparrow tt_{-29}(\downarrow tt_{+29})^2} = (1) + \uparrow M7_{+42}(\downarrow m2_{-42})$

$7922 = 2^1 \bullet 17^1 \bullet 233^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow m7_{+37}(\downarrow M2_{-37})^1} = (1) + \uparrow M7_{+42}(\downarrow m2_{-42})$

$7923 = 3^1 \bullet 19^1 \bullet 139^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow m2_{+43}(\downarrow M7_{-43})^1} = (1) + \uparrow M7_{+42}(\downarrow m2_{-42})$

$7924 = 2^2 \bullet 7^1 \bullet 283^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M2_{-26}(\downarrow m7_{+26})^1} = (1) + \uparrow M7_{+42}(\downarrow m2_{-42})$

$7925 = 5^2 \bullet 317^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow M3_{-30}(\downarrow m6_{+30})^1} = (1) + \uparrow M7_{+43}(\downarrow m2_{-43})$

$7926 = 2^1 \bullet 3^1 \bullet 1321^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{+41}(\downarrow m6_{-41})^1} = (1) + \uparrow M7_{+43}(\downarrow m2_{-43})$

$7927 = 7927^1 = \mathbf{(1) + \uparrow M7_{+43}(\downarrow m2_{-43})}$

$7928 = 2^3 \bullet 991^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow M7_{+43}(\downarrow m2_{-43})^1} = (1) + \uparrow M7_{+43}(\downarrow m2_{-43})$

$7929 = 3^2 \bullet 881^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M6_{+40}(\downarrow m3_{-40})^1} = (1) + \uparrow M7_{+44}(\downarrow m2_{-44})$

$7930 = 2^1 \bullet 5^1 \bullet 13^1 \bullet 61^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow M7_{+17}(\downarrow m2_{-17})^1} = (1) + \uparrow M7_{+44}(\downarrow m2_{-44})$

$7931 = 7^1 \bullet 11^1 \bullet 103^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m6_{+24}(\downarrow M3_{-24})^1} = (1) + \uparrow M7_{+44}(\downarrow m2_{-44})$

$7932 = 2^2 \bullet 3^1 \bullet 661^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{+42}(\downarrow m6_{-42})^1} = (1) + \uparrow M7_{+44}(\downarrow m2_{-44})$

$7933 = 7933^1 = \mathbf{(1) + \uparrow M7_{+44}(\downarrow m2_{-44})}$

$7934 = 2^1 \bullet 3967^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M7_{+45}(\downarrow m2_{-45})^1} = (1) + \uparrow M7_{+45}(\downarrow m2_{-45})$

$7935 = 3^1 \bullet 5^1 \bullet 23^2 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^2} = (1) + \uparrow M7_{+45}(\downarrow m2_{-45})$

$7936 = 2^8 \bullet 31^1 = \mathbf{(1) + \updownarrow 8ve(uni)^8 + \uparrow M7_{+45}(\downarrow m2_{-45})^1} = (1) + \uparrow M7_{+45}(\downarrow m2_{-45})$

$7937 = 7937^1 = \mathbf{(1) + \uparrow M7_{+45}(\downarrow m2_{-45})}$

$7938 = 2^1 \bullet 3^4 \bullet 7^2 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^4 + \uparrow m7_{-31}(\downarrow M2_{+31})^2} = (1) + \uparrow M7_{+45}(\downarrow m2_{-45})$

$7939 = 17^1 \bullet 467^1 = \mathbf{(1) + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow m7_{+41}(\downarrow M2_{-41})^1} = (1) + \uparrow M7_{+46}(\downarrow m2_{-46})$

$7940 = 2^2 \bullet 5^1 \bullet 397^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m6_{-40}(\downarrow M3_{+40})^1} = (1) + \uparrow M7_{+46}(\downarrow m2_{-46})$

$7941 = 3^1 \bullet 2647^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{+44}(\downarrow m6_{-44})^1} = (1) + \uparrow M7_{+46}(\downarrow m2_{-46})$

$7942 = 2^1 \bullet 11^1 \bullet 19^2 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^2} = (1) + \uparrow M7_{+46}(\downarrow m2_{-46})$

$7943 = 13^2 \bullet 47^1 = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^2 + \uparrow P5_{-34}(\downarrow P4_{+34})^1} = (1) + \uparrow M7_{+47}(\downarrow m2_{-47})$

$7944 = 2^3 \bullet 3^1 \bullet 331^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{+45}(\downarrow m6_{-45})^1} = (1) + \uparrow M7_{+47}(\downarrow m2_{-47})$

$7945 = 5^1 \bullet 7^1 \bullet 227^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m7_{-8}(\downarrow M2_{+8})^1} = (1) + \uparrow M7_{+47}(\downarrow m2_{-47})$

$7946 = 2^1 \bullet 29^1 \bullet 137^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1 + \uparrow m2_{+18}(\downarrow M7_{-18})^1} = (1) + \uparrow M7_{+47}(\downarrow m2_{-47})$

$7947 = 3^2 \bullet 883^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M6_{+44}(\downarrow m3_{-44})^1} = (1) + \uparrow M7_{+47}(\downarrow m2_{-47})$

$7948 = 2^2 \bullet 1987^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M7_{+48}(\downarrow m2_{-48})^1} = (1) + \uparrow M7_{+48}(\downarrow m2_{-48})$

$7949 = 7949^1 = \mathbf{(1) + \uparrow M7_{+48}(\downarrow m2_{-48})}$

$7950 = 2^1 \bullet 3^1 \bullet 5^2 \bullet 53^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow M6_{-26}(\downarrow m3_{+26})^1} = (1) + \uparrow M7_{+48}(\downarrow m2_{-48})$

$7951 = 7951^1 = \mathbf{(1) + \uparrow M7_{+48}(\downarrow m2_{-48})}$

$7952 = 2^4 \bullet 7^1 \bullet 71^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M2_{-20}(\downarrow m7_{+20})^1} = (1) + \uparrow M7_{+49}(\downarrow m2_{-49})$

$7953 = 3^1 \bullet 11^1 \bullet 241^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow M7_{-5}(\downarrow m2_{+5})^1} = (1) + \uparrow M7_{+49}(\downarrow m2_{-49})$

$7954 = 2^1 \bullet 41^1 \bullet 97^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{+29}(\downarrow m6_{-29})^1 + \uparrow P5_{+20}(\downarrow P4_{-20})^1} = (1) + \uparrow M7_{+49}(\downarrow m2_{-49})$

$7955 = 5^1 \bullet 37^1 \bullet 43^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m3_{-49}(\downarrow M6_{+49})^1 + \uparrow P4_{+12}(\downarrow P5_{-12})^1} = (1) + \uparrow M7_{+49}(\downarrow m2_{-49})$

$7956 = 2^2 \bullet 3^2 \bullet 13^1 \bullet 17^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1} = (1) + \uparrow M7_{+49}(\downarrow m2_{-49})$

$7957 = 73^1 \bullet 109^1 = \mathbf{(1) + \uparrow M2_{+28}(\downarrow m7_{-28})^1 + \uparrow M6_{+22}(\downarrow m3_{-22})^1} = (1) + \uparrow M7_{+50}(\downarrow m2_{-50})$

$7958 = 2^1 \bullet 23^1 \bullet 173^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow P4_{+22}(\downarrow P5_{-22})^1} = (1) + \uparrow M7_{+50}(\downarrow m2_{-50})$

$7959 = 3^1 \bullet 7^1 \bullet 379^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow P5_{-21}(\downarrow P4_{+21})^1} = (1) + \uparrow 8ve_{-50}(\downarrow uni_{+50})$

$7960 = 2^3 \bullet 5^1 \bullet 199^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m6_{-36}(\downarrow M3_{+36})^1} = (1) + \uparrow 8ve_{-50}(\downarrow uni_{+50})$

$7961 = 19^1 \bullet 419^1 = \mathbf{(1) + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow M6_{-47}(\downarrow m3_{+47})^1} = (1) + \uparrow 8ve_{-50}(\downarrow uni_{+50})$

$7962 = 2^1 \bullet 3^1 \bullet 1327^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{+49}(\downarrow m6_{-49})^1} = (1) + \uparrow 8ve_{-49}(\downarrow uni_{+49})$

$7963 = 7963^1 = \mathbf{(1) + \uparrow 8ve_{-49}(\downarrow uni_{+49})}$

$7964 = 2^2 \bullet 11^1 \bullet 181^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow tt_{+0}(\downarrow tt_{-0})^1} = (1) + \uparrow 8ve_{-49}(\downarrow uni_{+49})$

$7965 = 3^3 \bullet 5^1 \bullet 59^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M7_{-41}(\downarrow m2_{+41})^1} = (1) + \uparrow 8ve_{-49}(\downarrow uni_{+49})$

$7966 = 2^1 \bullet 7^1 \bullet 569^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M2_{-17}(\downarrow m7_{+17})^1} = (1) + \uparrow 8ve_{-48}(\downarrow uni_{+48})$

$7967 = 31^1 \bullet 257^1 = \mathbf{(1) + \uparrow M7_{+45}(\downarrow m2_{-45})^1 + \uparrow uni_{+7}(\downarrow 8ve_{-7})^1} = (1) + \uparrow 8ve_{-48}(\downarrow uni_{+48})$

$7968 = 2^5 \bullet 3^1 \bullet 83^1 = \mathbf{(1) + \updownarrow 8ve(uni)^5 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow P4_{-50}(\downarrow P5_{+50})^1} = (1) + \uparrow 8ve_{-48}(\downarrow uni_{+48})$

$7969 = 13^1 \bullet 613^1 = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow m3_{+12}(\downarrow M6_{-12})^1} = (1) + \uparrow 8ve_{-48}(\downarrow uni_{+48})$

$7970 = 2^1 \bullet 5^1 \bullet 797^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m6_{-34}(\downarrow M3_{+34})^1} = (1) + \uparrow 8ve_{-48}(\downarrow uni_{+48})$

$7971 = 3^1 \bullet 2657^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow P4_{-49}(\downarrow P5_{+49})^1} = (1) + \uparrow 8ve_{-47}(\downarrow uni_{+47})$

$7972 = 2^2 \bullet 1993^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow 8ve_{-47}(\downarrow uni_{+47})^1} = (1) + \uparrow 8ve_{-47}(\downarrow uni_{+47})$

$7973 = 7^1 \bullet 17^1 \bullet 67^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow m2_{-21}(\downarrow M7_{+21})^1} = (1) + \uparrow 8ve_{-47}(\downarrow uni_{+47})$

$7974 = 2^1 \bullet 3^2 \bullet 443^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M6_{+49}(\downarrow m3_{-49})^1} = (1) + \uparrow 8ve_{-47}(\downarrow uni_{+47})$

$7975 = 5^2 \bullet 11^1 \bullet 29^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1} = (1) + \uparrow 8ve_{-46}(\downarrow uni_{+46})$

$7976 = 2^3 \bullet 997^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow 8ve_{-46}(\downarrow uni_{+46})^1} = (1) + \uparrow 8ve_{-46}(\downarrow uni_{+46})$

$7977 = 3^1 \bullet 2659^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow P4_{-48}(\downarrow P5_{+48})^1} = (1) + \uparrow 8ve_{-46}(\downarrow uni_{+46})$

$7978 = 2^1 \bullet 3989^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow 8ve_{-46}(\downarrow uni_{+46})^1} = (1) + \uparrow 8ve_{-46}(\downarrow uni_{+46})$

$7979 = 79^1 \bullet 101^1 = \mathbf{(1) + \uparrow M3_{-35}(\downarrow m6_{+35})^1 + \uparrow m6_{-10}(\downarrow M3_{+10})^1} = (1) + \uparrow 8ve_{-46}(\downarrow uni_{+46})$

$7980 = 2^2 \bullet 3^1 \bullet 5^1 \bullet 7^1 \bullet 19^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1} =$

$(1) + \uparrow 8ve_{-45}(\downarrow uni_{+45})$

$7981 = 23^1 \bullet 347^1 = \mathbf{(1) + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow P4_{+27}(\downarrow P5_{-27})^1} = (1) + \uparrow 8ve_{-45}(\downarrow uni_{+45})$

$7982 = 2^1 \bullet 13^1 \bullet 307^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow m3_{+15}(\downarrow M6_{-15})^1} = (1) + \uparrow 8ve_{-45}(\downarrow uni_{+45})$

$7983 = 3^2 \bullet 887^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m7_{-49}(\downarrow M2_{+49})^1} = (1) + \uparrow 8ve_{-45}(\downarrow uni_{+45})$

$7984 = 2^4 \bullet 499^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow 8ve_{-45}(\downarrow uni_{+45})^1} = (1) + \uparrow 8ve_{-45}(\downarrow uni_{+45})$

$7985 = 5^1 \bullet 1597^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m6_{-31}(\downarrow M3_{+31})^1} = (1) + \uparrow 8ve_{-44}(\downarrow uni_{+44})$

$7986 = 2^1 \bullet 3^1 \bullet 11^3 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^3} = (1) + \uparrow 8ve_{-44}(\downarrow uni_{+44})$

$7987 = 7^2 \bullet 163^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^2 + \uparrow M3_{+18}(\downarrow m6_{-18})^1} = (1) + \uparrow 8ve_{-44}(\downarrow uni_{+44})$

$7988 = 2^2 \bullet 1997^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow 8ve_{-44}(\downarrow uni_{+44})^1} = (1) + \uparrow 8ve_{-44}(\downarrow uni_{+44})$

$7989 = 3^1 \bullet 2663^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow P4_{-45}(\downarrow P5_{+45})^1} = (1) + \uparrow 8ve_{-43}(\downarrow uni_{+43})$

$7990 = 2^1 \bullet 5^1 \bullet 17^1 \bullet 47^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow P5_{-34}(\downarrow P4_{+34})^1} = (1) + \uparrow 8ve_{-43}(\downarrow uni_{+43})$

$7991 = 61^1 \bullet 131^1 = \mathbf{(1) + \uparrow M7_{+17}(\downarrow m2_{-17})^1 + \uparrow uni_{+40}(\downarrow 8ve_{-40})^1} = (1) + \uparrow 8ve_{-43}(\downarrow uni_{+43})$

$7992 = 2^3 \bullet 3^3 \bullet 37^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow m3_{-49}(\downarrow M6_{+49})^1} = (1) + \uparrow 8ve_{-43}(\downarrow uni_{+43})$

$7993 = 7993^1 = \mathbf{(1) + \uparrow 8ve_{-43}(\downarrow uni_{+43})}$

$7994 = 2^1 \bullet 7^1 \bullet 571^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M2_{-11}(\downarrow m7_{+11})^1} = (1) + \uparrow 8ve_{-42}(\downarrow uni_{+42})$

$7995 = 3^1 \bullet 5^1 \bullet 13^1 \bullet 41^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow M3_{+29}(\downarrow m6_{-29})^1} =$

$(1) + \uparrow 8ve_{-42}(\downarrow uni_{+42})$

$7996 = 2^2 \bullet 1999^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow 8ve_{-42}(\downarrow uni_{+42})^1} = (1) + \uparrow 8ve_{-42}(\downarrow uni_{+42})$

$7997 = 11^1 \bullet 727^1 = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow tt_{+7}(\downarrow tt_{-7})^1} = (1) + \uparrow 8ve_{-42}(\downarrow uni_{+42})$

$7998 = 2^1 \bullet 3^1 \bullet 31^1 \bullet 43^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M7_{+45}(\downarrow m2_{-45})^1 + \uparrow P4_{+12}(\downarrow P5_{-12})^1} = (1) + \uparrow 8ve_{-41}(\downarrow uni_{+41})$

$7999 = 19^1 \bullet 421^1 = (1) + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow M6_{-39}(\downarrow m3_{+39})^1 = (1) + \uparrow 8ve_{-41}(\downarrow uni_{+41})$

$8000 = 2^6 \bullet 5^3 = (1) + \updownarrow 8ve(uni)^6 + \uparrow M3_{-14}(\downarrow m6_{+14})^3 = (1) + \uparrow 8ve_{-41}(\downarrow uni_{+41})$

$8001 = 3^2 \bullet 7^1 \bullet 127^1 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow 8ve_{-14}(\downarrow uni_{+14})^1 = (1) + \uparrow 8ve_{-41}(\downarrow uni_{+41})$

$8002 = 2^1 \bullet 4001^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow 8ve_{-41}(\downarrow uni_{+41})^1 = (1) + \uparrow 8ve_{-41}(\downarrow uni_{+41})$

$8003 = 53^1 \bullet 151^1 = (1) + \uparrow M6_{-26}(\downarrow m3_{+26})^1 + \uparrow m3_{-14}(\downarrow M6_{+14})^1 = (1) + \uparrow 8ve_{-40}(\downarrow uni_{+40})$

$8004 = 2^2 \bullet 3^1 \bullet 23^1 \bullet 29^1 = (1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1 = (1) + \uparrow 8ve_{-40}(\downarrow uni_{+40})$

$8005 = 5^1 \bullet 1601^1 = (1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m6_{-26}(\downarrow M3_{+26})^1 = (1) + \uparrow 8ve_{-40}(\downarrow uni_{+40})$

$8006 = 2^1 \bullet 4003^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow 8ve_{-40}(\downarrow uni_{+40})^1 = (1) + \uparrow 8ve_{-40}(\downarrow uni_{+40})$

$8007 = 3^1 \bullet 17^1 \bullet 157^1 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow M3_{-46}(\downarrow m6_{+46})^1 = (1) + \uparrow 8ve_{-40}(\downarrow uni_{+40})$

$8008 = 2^3 \bullet 7^1 \bullet 11^1 \bullet 13^1 = (1) + \updownarrow 8ve(uni)^3 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 = (1) + \uparrow 8ve_{-39}(\downarrow uni_{+39})$

$8009 = 8009^1 = (1) + \uparrow 8ve_{-39}(\downarrow uni_{+39})$

$8010 = 2^1 \bullet 3^2 \bullet 5^1 \bullet 89^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{-29}(\downarrow tt_{+29})^1 = (1) + \uparrow 8ve_{-39}(\downarrow uni_{+39})$

$8011 = 8011^1 = (1) + \uparrow 8ve_{-39}(\downarrow uni_{+39})$

$8012 = 2^2 \bullet 2003^1 = (1) + \updownarrow 8ve(uni)^2 + \uparrow 8ve_{-38}(\downarrow uni_{+38})^1 = (1) + \uparrow 8ve_{-38}(\downarrow uni_{+38})$

$8013 = 3^1 \bullet 2671^1 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow P4_{-40}(\downarrow P5_{+40})^1 = (1) + \uparrow 8ve_{-38}(\downarrow uni_{+38})$

$8014 = 2^1 \bullet 4007^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow 8ve_{-38}(\downarrow uni_{+38})^1 = (1) + \uparrow 8ve_{-38}(\downarrow uni_{+38})$

$8015 = 5^1 \bullet 7^1 \bullet 229^1 = (1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m7_{+7}(\downarrow M2_{-7})^1 = (1) + \uparrow 8ve_{-38}(\downarrow uni_{+38})$

$8016 = 2^4 \bullet 3^1 \bullet 167^1 = (1) + \updownarrow 8ve(uni)^4 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow P4_{-40}(\downarrow P5_{+40})^1 = (1) + \uparrow 8ve_{-38}(\downarrow uni_{+38})$

$8017 = 8017^1 = (1) + \uparrow 8ve_{-37}(\downarrow uni_{+37})$

$8018 = 2^1 \bullet 19^1 \bullet 211^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow M6_{-35}(\downarrow m3_{+35})^1 = (1) + \uparrow 8ve_{-37}(\downarrow uni_{+37})$

$8019 = 3^6 \bullet 11^1 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^6 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 = (1) + \uparrow 8ve_{-37}(\downarrow uni_{+37})$

$8020 = 2^2 \bullet 5^1 \bullet 401^1 = (1) + \updownarrow 8ve(uni)^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m6_{-23}(\downarrow M3_{+23})^1 = (1) + \uparrow 8ve_{-37}(\downarrow uni_{+37})$

$8021 = 13^1 \bullet 617^1 = (1) + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow m3_{+23}(\downarrow M6_{-23})^1 = (1) + \uparrow 8ve_{-37}(\downarrow uni_{+37})$

$8022 = 2^1 \bullet 3^1 \bullet 7^1 \bullet 191^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow P5_{-7}(\downarrow P4_{+7})^1 = (1) + \uparrow 8ve_{-36}(\downarrow uni_{+36})$

$8023 = 71^1 \bullet 113^1 = (1) + \uparrow M2_{-20}(\downarrow m7_{+20})^1 + \uparrow m7_{-16}(\downarrow M2_{+16})^1 = (1) + \uparrow 8ve_{-36}(\downarrow uni_{+36})$

$8024 = 2^3 \bullet 17^1 \bullet 59^1 = (1) + \updownarrow 8ve(uni)^3 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow M7_{-41}(\downarrow m2_{+41})^1 = (1) + \uparrow 8ve_{-36}(\downarrow uni_{+36})$

$8025 = 3^1 \bullet 5^2 \bullet 107^1 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow M6_{-10}(\downarrow m3_{+10})^1 = (1) + \uparrow 8ve_{-36}(\downarrow uni_{+36})$

$8026 = 2^1 \bullet 4013^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow 8ve_{-35}(\downarrow uni_{+35})^1 = (1) + \uparrow 8ve_{-35}(\downarrow uni_{+35})$

$8027 = 23^1 \bullet 349^1 = (1) + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow P4_{+36}(\downarrow P5_{-36})^1 = (1) + \uparrow 8ve_{-35}(\downarrow uni_{+35})$

$8028 = 2^2 \bullet 3^2 \bullet 223^1 = (1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m7_{-39}(\downarrow M2_{+39})^1 = (1) + \uparrow 8ve_{-35}(\downarrow uni_{+35})$

$8029 = 7^1 \bullet 31^1 \bullet 37^1 = (1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M7_{+45}(\downarrow m2_{-45})^1 + \uparrow m3_{-49}(\downarrow M6_{+49})^1 = (1) + \uparrow 8ve_{-35}(\downarrow uni_{+35})$

$8030 = 2^1 \bullet 5^1 \bullet 11^1 \bullet 73^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow M2_{+28}(\downarrow m7_{-28})^1 = (1) + \uparrow 8ve_{-35}(\downarrow uni_{+35})$

$8031 = 3^1 \bullet 2677^1 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow P4_{-36}(\downarrow P5_{+36})^1 = (1) + \uparrow 8ve_{-34}(\downarrow uni_{+34})$

$8032 = 2^5 \bullet 251^1 = (1) + \updownarrow 8ve(uni)^5 + \uparrow 8ve_{-34}(\downarrow uni_{+34})^1 = (1) + \uparrow 8ve_{-34}(\downarrow uni_{+34})$

$8033 = 29^1 \bullet 277^1 = (1) + \uparrow m7_{+30}(\downarrow M2_{-30})^1 + \uparrow m2_{+36}(\downarrow M7_{-36})^1 = (1) + \uparrow 8ve_{-34}(\downarrow uni_{+34})$

$8034 = 2^1 \bullet 3^1 \bullet 13^1 \bullet 103^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow m6_{+24}(\downarrow M3_{-24})^1 = (1) + \uparrow 8ve_{-34}(\downarrow uni_{+34})$

$8035 = 5^1 \bullet 1607^1 = (1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m6_{-20}(\downarrow M3_{+20})^1 = (1) + \uparrow 8ve_{-34}(\downarrow uni_{+34})$

$8036 = 2^2 \bullet 7^2 \bullet 41^1 = (1) + \updownarrow 8ve(uni)^2 + \uparrow m7_{-31}(\downarrow M2_{+31})^2 + \uparrow M3_{+29}(\downarrow m6_{-29})^1 = (1) + \uparrow 8ve_{-33}(\downarrow uni_{+33})$

$8037 = 3^2 \bullet 19^1 \bullet 47^1 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow P5_{-34}(\downarrow P4_{+34})^1 = (1) + \uparrow 8ve_{-33}(\downarrow uni_{+33})$

$8038 = 2^1 \bullet 4019^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow 8ve_{-33}(\downarrow uni_{+33})^1 = (1) + \uparrow 8ve_{-33}(\downarrow uni_{+33})$

$8039 = 8039^1 = (1) + \uparrow 8ve_{-33}(\downarrow uni_{+33})$

$8040 = 2^3 \bullet 3^1 \bullet 5^1 \bullet 67^1 = (1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m2_{-21}(\downarrow M7_{+21})^1 = (1) + \uparrow 8ve_{-32}(\downarrow uni_{+32})$

$8041 = 11^{1}\bullet 17^{1}\bullet 43^{1} = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow P4_{+12}(\downarrow P5_{-12})^{1}} = (1) + \uparrow 8ve_{-32}(\downarrow uni_{+32})$

$8042 = 2^{1}\bullet 4021^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow 8ve_{-32}(\downarrow uni_{+32})^{1}} = (1) + \uparrow 8ve_{-32}(\downarrow uni_{+32})$

$8043 = 3^{1}\bullet 7^{1}\bullet 383^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow P5_{-3}(\downarrow P4_{+3})^{1}} = (1) + \uparrow 8ve_{-32}(\downarrow uni_{+32})$

$8044 = 2^{2}\bullet 2011^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow 8ve_{-32}(\downarrow uni_{+32})^{1}} = (1) + \uparrow 8ve_{-32}(\downarrow uni_{+32})$

$8045 = 5^{1}\bullet 1609^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m6_{-18}(\downarrow M3_{+18})^{1}} = (1) + \uparrow 8ve_{-31}(\downarrow uni_{+31})$

$8046 = 2^{1}\bullet 3^{3}\bullet 149^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow m3_{-37}(\downarrow M6_{+37})^{1}} = (1) + \uparrow 8ve_{-31}(\downarrow uni_{+31})$

$8047 = 13^{1}\bullet 619^{1} = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m3_{+29}(\downarrow M6_{-29})^{1}} = (1) + \uparrow 8ve_{-31}(\downarrow uni_{+31})$

$8048 = 2^{4}\bullet 503^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow 8ve_{-31}(\downarrow uni_{+31})^{1}} = (1) + \uparrow 8ve_{-31}(\downarrow uni_{+31})$

$8049 = 3^{1}\bullet 2683^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow P4_{-32}(\downarrow P5_{+32})^{1}} = (1) + \uparrow 8ve_{-30}(\downarrow uni_{+30})$

$8050 = 2^{1}\bullet 5^{2}\bullet 7^{1}\bullet 23^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1}} = (1) + \uparrow 8ve_{-30}(\downarrow uni_{+30})$

$8051 = 83^{1}\bullet 97^{1} = \mathbf{(1) + \uparrow P4_{-50}(\downarrow P5_{+50})^{1} + \uparrow P5_{+20}(\downarrow P4_{-20})^{1}} = (1) + \uparrow 8ve_{-30}(\downarrow uni_{+30})$

$8052 = 2^{2}\bullet 3^{1}\bullet 11^{1}\bullet 61^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow M7_{+17}(\downarrow m2_{-17})^{1}} = (1) + \uparrow 8ve_{-30}(\downarrow uni_{+30})$

$8053 = 8053^{1} = \mathbf{(1) + \uparrow 8ve_{-30}(\downarrow uni_{+30})}$

$8054 = 2^{1}\bullet 4027^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow 8ve_{-29}(\downarrow uni_{+29})^{1}} = (1) + \uparrow 8ve_{-29}(\downarrow uni_{+29})$

$8055 = 3^{2}\bullet 5^{1}\bullet 179^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{-19}(\downarrow tt_{+19})^{1}} = (1) + \uparrow 8ve_{-29}(\downarrow uni_{+29})$

$8056 = 2^{3}\bullet 19^{1}\bullet 53^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow M6_{-26}(\downarrow m3_{+26})^{1}} = (1) + \uparrow 8ve_{-29}(\downarrow uni_{+29})$

$8057 = 7^{1}\bullet 1151^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M2_{+2}(\downarrow m7_{-2})^{1}} = (1) + \uparrow 8ve_{-29}(\downarrow uni_{+29})$

$8058 = 2^{1}\bullet 3^{1}\bullet 17^{1}\bullet 79^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow M3_{-35}(\downarrow m6_{+35})^{1}} = (1) + \uparrow 8ve_{-29}(\downarrow uni_{+29})$

$8059 = 8059^{1} = \mathbf{(1) + \uparrow 8ve_{-28}(\downarrow uni_{+28})}$

$8060 = 2^{2}\bullet 5^{1}\bullet 13^{1}\bullet 31^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1}} = (1) + \uparrow 8ve_{-28}(\downarrow uni_{+28})$

$8061 = 3^{1}\bullet 2687^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow P4_{-30}(\downarrow P5_{+30})^{1}} = (1) + \uparrow 8ve_{-28}(\downarrow uni_{+28})$

$8062 = 2^{1}\bullet 29^{1}\bullet 139^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1} + \uparrow m2_{+43}(\downarrow M7_{-43})^{1}} = (1) + \uparrow 8ve_{-28}(\downarrow uni_{+28})$

$8063 = 11^{1}\bullet 733^{1} = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow tt_{+21}(\downarrow tt_{-21})^{1}} = (1) + \uparrow 8ve_{-27}(\downarrow uni_{+27})$

$8064 = 2^{7}\bullet 3^{2}\bullet 7^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{7} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1}} = (1) + \uparrow 8ve_{-27}(\downarrow uni_{+27})$

$8065 = 5^{1}\bullet 1613^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m6_{-13}(\downarrow M3_{+13})^{1}} = (1) + \uparrow 8ve_{-27}(\downarrow uni_{+27})$

$8066 = 2^{1}\bullet 37^{1}\bullet 109^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m3_{-49}(\downarrow M6_{+49})^{1} + \uparrow M6_{+22}(\downarrow m3_{-22})^{1}} = (1) + \uparrow 8ve_{-27}(\downarrow uni_{+27})$

$8067 = 3^{1}\bullet 2689^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow P4_{-29}(\downarrow P5_{+29})^{1}} = (1) + \uparrow 8ve_{-27}(\downarrow uni_{+27})$

$8068 = 2^{2}\bullet 2017^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow 8ve_{-26}(\downarrow uni_{+26})^{1}} = (1) + \uparrow 8ve_{-26}(\downarrow uni_{+26})$

$8069 = 8069^{1} = \mathbf{(1) + \uparrow 8ve_{-26}(\downarrow uni_{+26})}$

$8070 = 2^{1}\bullet 3^{1}\bullet 5^{1}\bullet 269^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m2_{-14}(\downarrow M7_{+14})^{1}} = (1) + \uparrow 8ve_{-26}(\downarrow uni_{+26})$

$8071 = 7^{1}\bullet 1153^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M2_{+5}(\downarrow m7_{-5})^{1}} = (1) + \uparrow 8ve_{-26}(\downarrow uni_{+26})$

$8072 = 2^{3}\bullet 1009^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow 8ve_{-26}(\downarrow uni_{+26})^{1}} = (1) + \uparrow 8ve_{-26}(\downarrow uni_{+26})$

$8073 = 3^{3}\bullet 13^{1}\bullet 23^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1}} = (1) + \uparrow 8ve_{-25}(\downarrow uni_{+25})$

$8074 = 2^{1}\bullet 11^{1}\bullet 367^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow tt_{+24}(\downarrow tt_{-24})^{1}} = (1) + \uparrow 8ve_{-25}(\downarrow uni_{+25})$

$8075 = 5^{2}\bullet 17^{1}\bullet 19^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1}} = (1) + \uparrow 8ve_{-25}(\downarrow uni_{+25})$

$8076 = 2^{2}\bullet 3^{1}\bullet 673^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow P4_{-27}(\downarrow P5_{+27})^{1}} = (1) + \uparrow 8ve_{-25}(\downarrow uni_{+25})$

$8077 = 41^{1}\bullet 197^{1} = \mathbf{(1) + \uparrow M3_{+29}(\downarrow m6_{-29})^{1} + \uparrow P5_{+46}(\downarrow P4_{-46})^{1}} = (1) + \uparrow 8ve_{-24}(\downarrow uni_{+24})$

$8078 = 2^{1}\bullet 7^{1}\bullet 577^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M2_{+7}(\downarrow m7_{-7})^{1}} = (1) + \uparrow 8ve_{-24}(\downarrow uni_{+24})$

$8079 = 3^{1}\bullet 2693^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow P4_{-26}(\downarrow P5_{+26})^{1}} = (1) + \uparrow 8ve_{-24}(\downarrow uni_{+24})$

$8080 = 2^{4}\bullet 5^{1}\bullet 101^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m6_{-10}(\downarrow M3_{+10})^{1}} = (1) + \uparrow 8ve_{-24}(\downarrow uni_{+24})$

$8081 = 8081^{1} = \mathbf{(1) + \uparrow 8ve_{-24}(\downarrow uni_{+24})}$

$8082 = 2^{1}\bullet 3^{2}\bullet 449^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m7_{-27}(\downarrow M2_{+27})^{1}} = (1) + \uparrow 8ve_{-23}(\downarrow uni_{+23})$

$8083 = 59^{1}\bullet137^{1} = \mathbf{(1) + \uparrow M7_{-41}(\downarrow m2_{+41})^{1} + \uparrow m2_{+18}(\downarrow M7_{-18})^{1}} = (1) + \uparrow 8ve_{-23}(\downarrow uni_{+23})$

$8084 = 2^{2}\bullet43^{1}\bullet47^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P4_{+12}(\downarrow P5_{-12})^{1} + \uparrow P5_{-34}(\downarrow P4_{+34})^{1}} = (1) + \uparrow 8ve_{-23}(\downarrow uni_{+23})$

$8085 = 3^{1}\bullet5^{1}\bullet7^{2}\bullet11^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{2} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1}} = (1) + \uparrow 8ve_{-23}(\downarrow uni_{+23})$

$8086 = 2^{1}\bullet13^{1}\bullet311^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m3_{+37}(\downarrow M6_{-37})^{1}} = (1) + \uparrow 8ve_{-23}(\downarrow uni_{+23})$

$8087 = 8087^{1} = \mathbf{(1) + \uparrow 8ve_{-22}(\downarrow uni_{+22})}$

$8088 = 2^{3}\bullet3^{1}\bullet337^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow P4_{-24}(\downarrow P5_{+24})^{1}} = (1) + \uparrow 8ve_{-22}(\downarrow uni_{+22})$

$8089 = 8089^{1} = \mathbf{(1) + \uparrow 8ve_{-22}(\downarrow uni_{+22})}$

$8090 = 2^{1}\bullet5^{1}\bullet809^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m6_{-8}(\downarrow M3_{+8})^{1}} = (1) + \uparrow 8ve_{-22}(\downarrow uni_{+22})$

$8091 = 3^{2}\bullet29^{1}\bullet31^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1}} = (1) + \uparrow 8ve_{-21}(\downarrow uni_{+21})$

$8092 = 2^{2}\bullet7^{1}\bullet17^{2} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{2}} = (1) + \uparrow 8ve_{-21}(\downarrow uni_{+21})$

$8093 = 8093^{1} = \mathbf{(1) + \uparrow 8ve_{-21}(\downarrow uni_{+21})}$

$8094 = 2^{1}\bullet3^{1}\bullet19^{1}\bullet71^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow M2_{-20}(\downarrow m7_{+20})^{1}} = (1) + \uparrow 8ve_{-21}(\downarrow uni_{+21})$

$8095 = 5^{1}\bullet1619^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m6_{-7}(\downarrow M3_{+7})^{1}} = (1) + \uparrow 8ve_{-21}(\downarrow uni_{+21})$

$8096 = 2^{5}\bullet11^{1}\bullet23^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{5} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1}} = (1) + \uparrow 8ve_{-20}(\downarrow uni_{+20})$

$8097 = 3^{1}\bullet2699^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow P4_{-22}(\downarrow P5_{+22})^{1}} = (1) + \uparrow 8ve_{-20}(\downarrow uni_{+20})$

$8098 = 2^{1}\bullet4049^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow 8ve_{-20}(\downarrow uni_{+20})^{1}} = (1) + \uparrow 8ve_{-20}(\downarrow uni_{+20})$

$8099 = 7^{1}\bullet13^{1}\bullet89^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow tt_{-29}(\downarrow tt_{+29})^{1}} = (1) + \uparrow 8ve_{-20}(\downarrow uni_{+20})$

$8100 = 2^{2}\bullet3^{4}\bullet5^{2} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{4} + \uparrow M3_{-14}(\downarrow m6_{+14})^{2}} = (1) + \uparrow 8ve_{-20}(\downarrow uni_{+20})$

$8101 = 8101^{1} = \mathbf{(1) + \uparrow 8ve_{-19}(\downarrow uni_{+19})}$

$8102 = 2^{1}\bullet4051^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow 8ve_{-19}(\downarrow uni_{+19})^{1}} = (1) + \uparrow 8ve_{-19}(\downarrow uni_{+19})$

$8103 = 3^{1}\bullet37^{1}\bullet73^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m3_{-49}(\downarrow M6_{+49})^{1} + \uparrow M2_{+28}(\downarrow m7_{-28})^{1}} = (1) + \uparrow 8ve_{-19}(\downarrow uni_{+19})$

$8104 = 2^{3}\bullet1013^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow 8ve_{-19}(\downarrow uni_{+19})^{1}} = (1) + \uparrow 8ve_{-19}(\downarrow uni_{+19})$

$8105 = 5^{1}\bullet1621^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m6_{-5}(\downarrow M3_{+5})^{1}} = (1) + \uparrow 8ve_{-18}(\downarrow uni_{+18})$

$8106 = 2^{1}\bullet3^{1}\bullet7^{1}\bullet193^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow P5_{+11}(\downarrow P4_{-11})^{1}} = (1) + \uparrow 8ve_{-18}(\downarrow uni_{+18})$

$8107 = 11^{2}\bullet67^{1} = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^{2} + \uparrow m2_{-21}(\downarrow M7_{+21})^{1}} = (1) + \uparrow 8ve_{-18}(\downarrow uni_{+18})$

$8108 = 2^{2}\bullet2027^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow 8ve_{-18}(\downarrow uni_{+18})^{1}} = (1) + \uparrow 8ve_{-18}(\downarrow uni_{+18})$

$8109 = 3^{2}\bullet17^{1}\bullet53^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow M6_{-26}(\downarrow m3_{+26})^{1}} = (1) + \uparrow 8ve_{-18}(\downarrow uni_{+18})$

$8110 = 2^{1}\bullet5^{1}\bullet811^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m6_{-4}(\downarrow M3_{+4})^{1}} = (1) + \uparrow 8ve_{-17}(\downarrow uni_{+17})$

$8111 = 8111^{1} = \mathbf{(1) + \uparrow 8ve_{-17}(\downarrow uni_{+17})}$

$8112 = 2^{4}\bullet3^{1}\bullet13^{2} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{2}} = (1) + \uparrow 8ve_{-17}(\downarrow uni_{+17})$

$8113 = 7^{1}\bullet19^{1}\bullet61^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow M7_{+17}(\downarrow m2_{-17})^{1}} = (1) + \uparrow 8ve_{-17}(\downarrow uni_{+17})$

$8114 = 2^{1}\bullet4057^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow 8ve_{-17}(\downarrow uni_{+17})^{1}} = (1) + \uparrow 8ve_{-17}(\downarrow uni_{+17})$

$8115 = 3^{1}\bullet5^{1}\bullet541^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m2_{-5}(\downarrow M7_{+5})^{1}} = (1) + \uparrow 8ve_{-16}(\downarrow uni_{+16})$

$8116 = 2^{2}\bullet2029^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow 8ve_{-16}(\downarrow uni_{+16})^{1}} = (1) + \uparrow 8ve_{-16}(\downarrow uni_{+16})$

$8117 = 8117^{1} = \mathbf{(1) + \uparrow 8ve_{-16}(\downarrow uni_{+16})}$

$8118 = 2^{1}\bullet3^{2}\bullet11^{1}\bullet41^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow M3_{+29}(\downarrow m6_{-29})^{1}} = (1) + \uparrow 8ve_{-16}(\downarrow uni_{+16})$

$8119 = 23^{1}\bullet353^{1} = \mathbf{(1) + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow tt_{-44}(\downarrow tt_{+44})^{1}} = (1) + \uparrow 8ve_{-15}(\downarrow uni_{+15})$

$8120 = 2^{3}\bullet5^{1}\bullet7^{1}\bullet29^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1}} = (1) + \uparrow 8ve_{-15}(\downarrow uni_{+15})$

$8121 = 3^{1}\bullet2707^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow P4_{-17}(\downarrow P5_{+17})^{1}} = (1) + \uparrow 8ve_{-15}(\downarrow uni_{+15})$

$8122 = 2^{1}\bullet31^{1}\bullet131^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1} + \uparrow uni_{+40}(\downarrow 8ve_{-40})^{1}} = (1) + \uparrow 8ve_{-15}(\downarrow uni_{+15})$

$8123 = 8123^{1} = \mathbf{(1) + \uparrow 8ve_{-15}(\downarrow uni_{+15})}$

$8124 = 2^{2}\bullet3^{1}\bullet677^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow P4_{-16}(\downarrow P5_{+16})^{1}} = (1) + \uparrow 8ve_{-14}(\downarrow uni_{+14})$

$8125 = 5^{4}\bullet 13^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{4} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1}} = (1) + \uparrow 8ve_{-14}(\downarrow uni_{+14})$

$8126 = 2^{1}\bullet 17^{1}\bullet 239^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow M7_{-19}(\downarrow m2_{+19})^{1}} = (1) + \uparrow 8ve_{-14}(\downarrow uni_{+14})$

$8127 = 3^{3}\bullet 7^{1}\bullet 43^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow P4_{+12}(\downarrow P5_{-12})^{1}} = (1) + \uparrow 8ve_{-14}(\downarrow uni_{+14})$

$8128 = 2^{6}\bullet 127^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{6} + \uparrow 8ve_{-14}(\downarrow uni_{+14})^{1}} = (1) + \uparrow 8ve_{-14}(\downarrow uni_{+14})$

$8129 = 11^{1}\bullet 739^{1} = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow tt_{+35}(\downarrow tt_{-35})^{1}} = (1) + \uparrow 8ve_{-13}(\downarrow uni_{+13})$

$8130 = 2^{1}\bullet 3^{1}\bullet 5^{1}\bullet 271^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m2_{-1}(\downarrow M7_{+1})^{1}} = (1) + \uparrow 8ve_{-13}(\downarrow uni_{+13})$

$8131 = 47^{1}\bullet 173^{1} = \mathbf{(1) + \uparrow P5_{-34}(\downarrow P4_{+34})^{1} + \uparrow P4_{+22}(\downarrow P5_{-22})^{1}} = (1) + \uparrow 8ve_{-13}(\downarrow uni_{+13})$

$8132 = 2^{2}\bullet 19^{1}\bullet 107^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow M6_{-10}(\downarrow m3_{+10})^{1}} = (1) + \uparrow 8ve_{-13}(\downarrow uni_{+13})$

$8133 = 3^{1}\bullet 2711^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow P4_{-14}(\downarrow P5_{+14})^{1}} = (1) + \uparrow 8ve_{-13}(\downarrow uni_{+13})$

$8134 = 2^{1}\bullet 7^{2}\bullet 83^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{2} + \uparrow P4_{-50}(\downarrow P5_{+50})^{1}} = (1) + \uparrow 8ve_{-12}(\downarrow uni_{+12})$

$8135 = 5^{1}\bullet 1627^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m6_{+2}(\downarrow M3_{-2})^{1}} = (1) + \uparrow 8ve_{-12}(\downarrow uni_{+12})$

$8136 = 2^{3}\bullet 3^{2}\bullet 113^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m7_{-16}(\downarrow M2_{+16})^{1}} = (1) + \uparrow 8ve_{-12}(\downarrow uni_{+12})$

$8137 = 79^{1}\bullet 103^{1} = \mathbf{(1) + \uparrow M3_{-35}(\downarrow m6_{+35})^{1} + \uparrow m6_{+24}(\downarrow M3_{-24})^{1}} = (1) + \uparrow 8ve_{-12}(\downarrow uni_{+12})$

$8138 = 2^{1}\bullet 13^{1}\bullet 313^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m3_{+48}(\downarrow M6_{-48})^{1}} = (1) + \uparrow 8ve_{-11}(\downarrow uni_{+11})$

$8139 = 3^{1}\bullet 2713^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow P4_{-13}(\downarrow P5_{+13})^{1}} = (1) + \uparrow 8ve_{-11}(\downarrow uni_{+11})$

$8140 = 2^{2}\bullet 5^{1}\bullet 11^{1}\bullet 37^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m3_{-49}(\downarrow M6_{+49})^{1}} = (1) + \uparrow 8ve_{-11}(\downarrow uni_{+11})$

$8141 = 7^{1}\bullet 1163^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M2_{+20}(\downarrow m7_{-20})^{1}} = (1) + \uparrow 8ve_{-11}(\downarrow uni_{+11})$

$8142 = 2^{1}\bullet 3^{1}\bullet 23^{1}\bullet 59^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow M7_{-41}(\downarrow m2_{+41})^{1}} = (1) + \uparrow 8ve_{-11}(\downarrow uni_{+11})$

$8143 = 17^{1}\bullet 479^{1} = \mathbf{(1) + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow M7_{-15}(\downarrow m2_{+15})^{1}} = (1) + \uparrow 8ve_{-10}(\downarrow uni_{+10})$

$8144 = 2^{4}\bullet 509^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow 8ve_{-10}(\downarrow uni_{+10})^{1}} = (1) + \uparrow 8ve_{-10}(\downarrow uni_{+10})$

$8145 = 3^{2}\bullet 5^{1}\bullet 181^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{+0}(\downarrow tt_{-0})^{1}} = (1) + \uparrow 8ve_{-10}(\downarrow uni_{+10})$

$8146 = 2^{1}\bullet 4073^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow 8ve_{-10}(\downarrow uni_{+10})^{1}} = (1) + \uparrow 8ve_{-10}(\downarrow uni_{+10})$

$8147 = 8147^{1} = \mathbf{(1) + \uparrow 8ve_{-10}(\downarrow uni_{+10})}$

$8148 = 2^{2}\bullet 3^{1}\bullet 7^{1}\bullet 97^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow P5_{+20}(\downarrow P4_{-20})^{1}} = (1) + \uparrow 8ve_{-9}(\downarrow uni_{+9})$

$8149 = 29^{1}\bullet 281^{1} = \mathbf{(1) + \uparrow m7_{+30}(\downarrow M2_{-30})^{1} + \uparrow M2_{-39}(\downarrow m7_{+39})^{1}} = (1) + \uparrow 8ve_{-9}(\downarrow uni_{+9})$

$8150 = 2^{1}\bullet 5^{2}\bullet 163^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow M3_{+18}(\downarrow m6_{-18})^{1}} = (1) + \uparrow 8ve_{-9}(\downarrow uni_{+9})$

$8151 = 3^{1}\bullet 11^{1}\bullet 13^{1}\bullet 19^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1}} = (1) + \uparrow 8ve_{-9}(\downarrow uni_{+9})$

$8152 = 2^{3}\bullet 1019^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow 8ve_{-8}(\downarrow uni_{+8})^{1}} = (1) + \uparrow 8ve_{-8}(\downarrow uni_{+8})$

$8153 = 31^{1}\bullet 263^{1} = \mathbf{(1) + \uparrow M7_{+45}(\downarrow m2_{-45})^{1} + \uparrow uni_{+47}(\downarrow 8ve_{-47})^{1}} = (1) + \uparrow 8ve_{-8}(\downarrow uni_{+8})$

$8154 = 2^{1}\bullet 3^{3}\bullet 151^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow m3_{-14}(\downarrow M6_{+14})^{1}} = (1) + \uparrow 8ve_{-8}(\downarrow uni_{+8})$

$8155 = 5^{1}\bullet 7^{1}\bullet 233^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m7_{+37}(\downarrow M2_{-37})^{1}} = (1) + \uparrow 8ve_{-8}(\downarrow uni_{+8})$

$8156 = 2^{2}\bullet 2039^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow 8ve_{-8}(\downarrow uni_{+8})^{1}} = (1) + \uparrow 8ve_{-8}(\downarrow uni_{+8})$

$8157 = 3^{1}\bullet 2719^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow P4_{-9}(\downarrow P5_{+9})^{1}} = (1) + \uparrow 8ve_{-7}(\downarrow uni_{+7})$

$8158 = 2^{1}\bullet 4079^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow 8ve_{-7}(\downarrow uni_{+7})^{1}} = (1) + \uparrow 8ve_{-7}(\downarrow uni_{+7})$

$8159 = 41^{1}\bullet 199^{1} = \mathbf{(1) + \uparrow M3_{+29}(\downarrow m6_{-29})^{1} + \uparrow m6_{-36}(\downarrow M3_{+36})^{1}} = (1) + \uparrow 8ve_{-7}(\downarrow uni_{+7})$

$8160 = 2^{5}\bullet 3^{1}\bullet 5^{1}\bullet 17^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{5} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1}} = (1) + \uparrow 8ve_{-7}(\downarrow uni_{+7})$

$8161 = 8161^{1} = \mathbf{(1) + \uparrow 8ve_{-7}(\downarrow uni_{+7})}$

$8162 = 2^{1}\bullet 7^{1}\bullet 11^{1}\bullet 53^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow M6_{-26}(\downarrow m3_{+26})^{1}} = (1) + \uparrow 8ve_{-6}(\downarrow uni_{+6})$

$8163 = 3^{2}\bullet 907^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m7_{-10}(\downarrow M2_{+10})^{1}} = (1) + \uparrow 8ve_{-6}(\downarrow uni_{+6})$

$8164 = 2^{2}\bullet 13^{1}\bullet 157^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow M3_{-46}(\downarrow m6_{+46})^{1}} = (1) + \uparrow 8ve_{-6}(\downarrow uni_{+6})$

$8165 = 5^{1}\bullet 23^{1}\bullet 71^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow M2_{-20}(\downarrow m7_{+20})^{1}} = (1) + \uparrow 8ve_{-6}(\downarrow uni_{+6})$

$8166 = 2^{1}\bullet 3^{1}\bullet 1361^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow P4_{-7}(\downarrow P5_{+7})^{1}} = (1) + \uparrow 8ve_{-6}(\downarrow uni_{+6})$

$8167 = 8167^{1} = \mathbf{(1) + \uparrow 8ve_{-5}(\downarrow uni_{+5})}$

$8168 = 2^{3}\bullet 1021^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow 8ve_{-5}(\downarrow uni_{+5})^{1}} = (1) + \uparrow 8ve_{-5}(\downarrow uni_{+5})$

$8169 = 3^{1}\bullet 7^{1}\bullet 389^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow P5_{+24}(\downarrow P4_{-24})^{1}} = (1) + \uparrow 8ve_{-5}(\downarrow uni_{+5})$

$8170 = 2^{1}\bullet 5^{1}\bullet 19^{1}\bullet 43^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow P4_{+12}(\downarrow P5_{-12})^{1}} = (1) + \uparrow 8ve_{-5}(\downarrow uni_{+5})$

$8171 = 8171^{1} = \mathbf{(1) + \uparrow 8ve_{-4}(\downarrow uni_{+4})}$

$8172 = 2^{2}\bullet 3^{2}\bullet 227^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m7_{-8}(\downarrow M2_{+8})^{1}} = (1) + \uparrow 8ve_{-4}(\downarrow uni_{+4})$

$8173 = 11^{1}\bullet 743^{1} = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow tt_{+45}(\downarrow tt_{-45})^{1}} = (1) + \uparrow 8ve_{-4}(\downarrow uni_{+4})$

$8174 = 2^{1}\bullet 61^{1}\bullet 67^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M7_{+17}(\downarrow m2_{-17})^{1} + \uparrow m2_{-21}(\downarrow M7_{+21})^{1}} = (1) + \uparrow 8ve_{-4}(\downarrow uni_{+4})$

$8175 = 3^{1}\bullet 5^{2}\bullet 109^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow M6_{+22}(\downarrow m3_{-22})^{1}} = (1) + \uparrow 8ve_{-4}(\downarrow uni_{+4})$

$8176 = 2^{4}\bullet 7^{1}\bullet 73^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M2_{+28}(\downarrow m7_{-28})^{1}} = (1) + \uparrow 8ve_{-3}(\downarrow uni_{+3})$

$8177 = 13^{1}\bullet 17^{1}\bullet 37^{1} = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow m3_{-49}(\downarrow M6_{+49})^{1}} = (1) + \uparrow 8ve_{-3}(\downarrow uni_{+3})$

$8178 = 2^{1}\bullet 3^{1}\bullet 29^{1}\bullet 47^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1} + \uparrow P5_{-34}(\downarrow P4_{+34})^{1}} = (1) + \uparrow 8ve_{-3}(\downarrow uni_{+3})$

$8179 = 8179^{1} = \mathbf{(1) + \uparrow 8ve_{-3}(\downarrow uni_{+3})}$

$8180 = 2^{2}\bullet 5^{1}\bullet 409^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m6_{+11}(\downarrow M3_{-11})^{1}} = (1) + \uparrow 8ve_{-3}(\downarrow uni_{+3})$

$8181 = 3^{4}\bullet 101^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{4} + \uparrow m6_{-10}(\downarrow M3_{+10})^{1}} = (1) + \uparrow 8ve_{-2}(\downarrow uni_{+2})$

$8182 = 2^{1}\bullet 4091^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow 8ve_{-2}(\downarrow uni_{+2})^{1}} = (1) + \uparrow 8ve_{-2}(\downarrow uni_{+2})$

$8183 = 7^{2}\bullet 167^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{2} + \uparrow P4_{-40}(\downarrow P5_{+40})^{1}} = (1) + \uparrow 8ve_{-2}(\downarrow uni_{+2})$

$8184 = 2^{3}\bullet 3^{1}\bullet 11^{1}\bullet 31^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1}} = (1) + \uparrow 8ve_{-2}(\downarrow uni_{+2})$

$8185 = 5^{1}\bullet 1637^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m6_{+12}(\downarrow M3_{-12})^{1}} = (1) + \uparrow 8ve_{-1}(\downarrow uni_{+1})$

$8186 = 2^{1}\bullet 4093^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow 8ve_{-1}(\downarrow uni_{+1})^{1}} = (1) + \uparrow 8ve_{-1}(\downarrow uni_{+1})$

$8187 = 3^{1}\bullet 2729^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow P4_{-3}(\downarrow P5_{+3})^{1}} = (1) + \uparrow 8ve_{-1}(\downarrow uni_{+1})$

$8188 = 2^{2}\bullet 23^{1}\bullet 89^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow tt_{-29}(\downarrow tt_{+29})^{1}} = (1) + \uparrow 8ve_{-1}(\downarrow uni_{+1})$

$8189 = 19^{1}\bullet 431^{1} = \mathbf{(1) + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow M6_{+2}(\downarrow m3_{-2})^{1}} = (1) + \uparrow 8ve_{-1}(\downarrow uni_{+1})$

$8190 = 2^{1}\bullet 3^{2}\bullet 5^{1}\bullet 7^{1}\bullet 13^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1}} =$
$(1) + \uparrow 8ve_{+0}(\downarrow uni_{-0})$

$8191 = 8191^{1} = \mathbf{(1) + \uparrow 8ve_{+0}(\downarrow uni_{-0})}$

$8192 = 2^{13} = \mathbf{(1) + \updownarrow 8ve(uni)^{13}} = (1) + \updownarrow 8ve(uni)$

$8193 = 3^{1}\bullet 2731^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow P4_{-2}(\downarrow P5_{+2})^{1}} = (1) + \uparrow uni_{+0}(\downarrow 8ve_{-0})$

$8194 = 2^{1}\bullet 17^{1}\bullet 241^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow M7_{-5}(\downarrow m2_{+5})^{1}} = (1) + \uparrow uni_{+0}(\downarrow 8ve_{-0})$

$8195 = 5^{1}\bullet 11^{1}\bullet 149^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m3_{-37}(\downarrow M6_{+37})^{1}} = (1) + \uparrow uni_{+1}(\downarrow 8ve_{-1})$

$8196 = 2^{2}\bullet 3^{1}\bullet 683^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow P4_{-1}(\downarrow P5_{+1})^{1}} = (1) + \uparrow uni_{+1}(\downarrow 8ve_{-1})$

$8197 = 7^{1}\bullet 1171^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M2_{+32}(\downarrow m7_{-32})^{1}} = (1) + \uparrow uni_{+1}(\downarrow 8ve_{-1})$

$8198 = 2^{1}\bullet 4099^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow uni_{+1}(\downarrow 8ve_{-1})^{1}} = (1) + \uparrow uni_{+1}(\downarrow 8ve_{-1})$

$8199 = 3^{2}\bullet 911^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m7_{-2}(\downarrow M2_{+2})^{1}} = (1) + \uparrow uni_{+1}(\downarrow 8ve_{-1})$

$8200 = 2^{3}\bullet 5^{2}\bullet 41^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow M3_{+29}(\downarrow m6_{-29})^{1}} = (1) + \uparrow uni_{+2}(\downarrow 8ve_{-2})$

$8201 = 59^{1}\bullet 139^{1} = \mathbf{(1) + \uparrow M7_{-41}(\downarrow m2_{+41})^{1} + \uparrow m2_{+43}(\downarrow M7_{-43})^{1}} = (1) + \uparrow uni_{+2}(\downarrow 8ve_{-2})$

$8202 = 2^{1}\bullet 3^{1}\bullet 1367^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow P4_{+0}(\downarrow P5_{-0})^{1}} = (1) + \uparrow uni_{+2}(\downarrow 8ve_{-2})$

$8203 = 13^{1}\bullet 631^{1} = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow M3_{-38}(\downarrow m6_{+38})^{1}} = (1) + \uparrow uni_{+2}(\downarrow 8ve_{-2})$

$8204 = 2^{2}\bullet 7^{1}\bullet 293^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M2_{+34}(\downarrow m7_{-34})^{1}} = (1) + \uparrow uni_{+3}(\downarrow 8ve_{-3})$

$8205 = 3^{1}\bullet 5^{1}\bullet 547^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m2_{+14}(\downarrow M7_{-14})^{1}} = (1) + \uparrow uni_{+3}(\downarrow 8ve_{-3})$

$8206 = 2^{1}\bullet 11^{1}\bullet 373^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow P5_{-48}(\downarrow P4_{+48})^{1}} = (1) + \uparrow uni_{+3}(\downarrow 8ve_{-3})$

$8207 = 29^{1}\bullet 283^{1} = \mathbf{(1) + \uparrow m7_{+30}(\downarrow M2_{-30})^{1} + \uparrow M2_{-26}(\downarrow m7_{+26})^{1}} = (1) + \uparrow uni_{+3}(\downarrow 8ve_{-3})$

$8208 = 2^{4}\bullet 3^{3}\bullet 19^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1}} = (1) + \uparrow uni_{+3}(\downarrow 8ve_{-3})$

$8209 = 8209^{1} = \mathbf{(1) + \uparrow uni_{+4}(\downarrow 8ve_{-4})}$

$8210 = 2^{1}\bullet 5^{1}\bullet 821^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m6_{+17}(\downarrow M3_{-17})^{1}} = (1) + \uparrow uni_{+4}(\downarrow 8ve_{-4})$

$8211 = 3^{1}\bullet 7^{1}\bullet 17^{1}\bullet 23^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1}} = (1) + \uparrow uni_{+4}(\downarrow 8ve_{-4})$

$8212 = 2^{2}\bullet 2053^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow uni_{+4}(\downarrow 8ve_{-4})^{1}} = (1) + \uparrow uni_{+4}(\downarrow 8ve_{-4})$

$8213 = 43^{1}\bullet 191^{1} = \mathbf{(1) + \uparrow P4_{+12}(\downarrow P5_{-12})^{1} + \uparrow P5_{-7}(\downarrow P4_{+7})^{1}} = (1) + \uparrow uni_{+4}(\downarrow 8ve_{-4})$

$8214 = 2^{1}\bullet 3^{1}\bullet 37^{2} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m3_{-49}(\downarrow M6_{+49})^{2}} = (1) + \uparrow uni_{+5}(\downarrow 8ve_{-5})$

$8215 = 5^{1}\bullet 31^{1}\bullet 53^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1} + \uparrow M6_{-26}(\downarrow m3_{+26})^{1}} = (1) + \uparrow uni_{+5}(\downarrow 8ve_{-5})$

$8216 = 2^{3}\bullet 13^{1}\bullet 79^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow M3_{-35}(\downarrow m6_{+35})^{1}} = (1) + \uparrow uni_{+5}(\downarrow 8ve_{-5})$

$8217 = 3^{2}\bullet 11^{1}\bullet 83^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow P4_{-50}(\downarrow P5_{+50})^{1}} = (1) + \uparrow uni_{+5}(\downarrow 8ve_{-5})$

$8218 = 2^{1}\bullet 7^{1}\bullet 587^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M2_{+37}(\downarrow m7_{-37})^{1}} = (1) + \uparrow uni_{+5}(\downarrow 8ve_{-5})$

$8219 = 8219^{1} = \mathbf{(1) + \uparrow uni_{+6}(\downarrow 8ve_{-6})}$

$8220 = 2^{2}\bullet 3^{1}\bullet 5^{1}\bullet 137^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m2_{+18}(\downarrow M7_{-18})^{1}} = (1) + \uparrow uni_{+6}(\downarrow 8ve_{-6})$

$8221 = 8221^{1} = \mathbf{(1) + \uparrow uni_{+6}(\downarrow 8ve_{-6})}$

$8222 = 2^{1}\bullet 4111^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow uni_{+6}(\downarrow 8ve_{-6})^{1}} = (1) + \uparrow uni_{+6}(\downarrow 8ve_{-6})$

$8223 = 3^{1}\bullet 2741^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow P4_{+5}(\downarrow P5_{-5})^{1}} = (1) + \uparrow uni_{+7}(\downarrow 8ve_{-7})$

$8224 = 2^{5}\bullet 257^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{5} + \uparrow uni_{+7}(\downarrow 8ve_{-7})^{1}} = (1) + \uparrow uni_{+7}(\downarrow 8ve_{-7})$

$8225 = 5^{2}\bullet 7^{1}\bullet 47^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow P5_{-34}(\downarrow P4_{+34})^{1}} = (1) + \uparrow uni_{+7}(\downarrow 8ve_{-7})$

$8226 = 2^{1}\bullet 3^{2}\bullet 457^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m7_{+3}(\downarrow M2_{-3})^{1}} = (1) + \uparrow uni_{+7}(\downarrow 8ve_{-7})$

$8227 = 19^{1}\bullet 433^{1} = \mathbf{(1) + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow M6_{+10}(\downarrow m3_{-10})^{1}} = (1) + \uparrow uni_{+7}(\downarrow 8ve_{-7})$

$8228 = 2^{2}\bullet 11^{2}\bullet 17^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow tt_{-49}(\downarrow tt_{+49})^{2} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1}} = (1) + \uparrow uni_{+8}(\downarrow 8ve_{-8})$

$8229 = 3^{1}\bullet 13^{1}\bullet 211^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow M6_{-35}(\downarrow m3_{+35})^{1}} = (1) + \uparrow uni_{+8}(\downarrow 8ve_{-8})$

$8230 = 2^{1}\bullet 5^{1}\bullet 823^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m6_{+22}(\downarrow M3_{-22})^{1}} = (1) + \uparrow uni_{+8}(\downarrow 8ve_{-8})$

$8231 = 8231^{1} = \mathbf{(1) + \uparrow uni_{+8}(\downarrow 8ve_{-8})}$

$8232 = 2^{3}\bullet 3^{1}\bullet 7^{3} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{3}} = (1) + \uparrow uni_{+8}(\downarrow 8ve_{-8})$

$8233 = 8233^{1} = \mathbf{(1) + \uparrow uni_{+9}(\downarrow 8ve_{-9})}$

$8234 = 2^{1}\bullet 23^{1}\bullet 179^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow tt_{-19}(\downarrow tt_{+19})^{1}} = (1) + \uparrow uni_{+9}(\downarrow 8ve_{-9})$

$8235 = 3^{3}\bullet 5^{1}\bullet 61^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M7_{+17}(\downarrow m2_{-17})^{1}} = (1) + \uparrow uni_{+9}(\downarrow 8ve_{-9})$

$8236 = 2^{2}\bullet 29^{1}\bullet 71^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1} + \uparrow M2_{-20}(\downarrow m7_{+20})^{1}} = (1) + \uparrow uni_{+9}(\downarrow 8ve_{-9})$

$8237 = 8237^{1} = \mathbf{(1) + \uparrow uni_{+9}(\downarrow 8ve_{-9})}$

$8238 = 2^{1}\bullet 3^{1}\bullet 1373^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow P4_{+8}(\downarrow P5_{-8})^{1}} = (1) + \uparrow uni_{+10}(\downarrow 8ve_{-10})$

$8239 = 7^{1}\bullet 11^{1}\bullet 107^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow M6_{-10}(\downarrow m3_{+10})^{1}} = (1) + \uparrow uni_{+10}(\downarrow 8ve_{-10})$

$8240 = 2^{4}\bullet 5^{1}\bullet 103^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m6_{+24}(\downarrow M3_{-24})^{1}} = (1) + \uparrow uni_{+10}(\downarrow 8ve_{-10})$

$8241 = 3^{1}\bullet 41^{1}\bullet 67^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{+29}(\downarrow m6_{-29})^{1} + \uparrow m2_{-21}(\downarrow M7_{+21})^{1}} = (1) + \uparrow uni_{+10}(\downarrow 8ve_{-10})$

$8242 = 2^{1}\bullet 13^{1}\bullet 317^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow M3_{-30}(\downarrow m6_{+30})^{1}} = (1) + \uparrow uni_{+11}(\downarrow 8ve_{-11})$

$8243 = 8243^{1} = \mathbf{(1) + \uparrow uni_{+11}(\downarrow 8ve_{-11})}$

$8244 = 2^{2}\bullet 3^{2}\bullet 229^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m7_{+7}(\downarrow M2_{-7})^{1}} = (1) + \uparrow uni_{+11}(\downarrow 8ve_{-11})$

$8245 = 5^{1}\bullet 17^{1}\bullet 97^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow P5_{+20}(\downarrow P4_{-20})^{1}} = (1) + \uparrow uni_{+11}(\downarrow 8ve_{-11})$

$8246 = 2^{1}\bullet 7^{1}\bullet 19^{1}\bullet 31^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1}} = (1) + \uparrow uni_{+11}(\downarrow 8ve_{-11})$

$8247 = 3^{1}\bullet 2749^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow P4_{+10}(\downarrow P5_{-10})^{1}} = (1) + \uparrow uni_{+12}(\downarrow 8ve_{-12})$

$8248 = 2^{3}\bullet 1031^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow uni_{+12}(\downarrow 8ve_{-12})^{1}} = (1) + \uparrow uni_{+12}(\downarrow 8ve_{-12})$

$8249 = 73^{1}\bullet 113^{1} = \mathbf{(1) + \uparrow M2_{+28}(\downarrow m7_{-28})^{1} + \uparrow m7_{-16}(\downarrow M2_{+16})^{1}} = (1) + \uparrow uni_{+12}(\downarrow 8ve_{-12})$

$8250 = 2^{1}\bullet 3^{1}\bullet 5^{3}\bullet 11^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{3} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1}} = (1) + \uparrow uni_{+12}(\downarrow 8ve_{-12})$

$8251 = 37^{1}\bullet 223^{1} = \mathbf{(1) + \uparrow m3_{-49}(\downarrow M6_{+49})^{1} + \uparrow m7_{-39}(\downarrow M2_{+39})^{1}} = (1) + \uparrow uni_{+12}(\downarrow 8ve_{-12})$

$8252 = 2^{2}\bullet 2063^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow uni_{+13}(\downarrow 8ve_{-13})^{1}} = (1) + \uparrow uni_{+13}(\downarrow 8ve_{-13})$

$8253 = 3^{2}\bullet 7^{1}\bullet 131^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow uni_{+40}(\downarrow 8ve_{-40})^{1}} = (1) + \uparrow uni_{+13}(\downarrow 8ve_{-13})$

$8254 = 2^{1}\bullet 4127^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow uni_{+13}(\downarrow 8ve_{-13})^{1}} = (1) + \uparrow uni_{+13}(\downarrow 8ve_{-13})$

$8255 = 5^{1}\bullet 13^{1}\bullet 127^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow 8ve_{-14}(\downarrow uni_{+14})^{1}} = (1) + \uparrow uni_{+13}(\downarrow 8ve_{-13})$

$8256 = 2^{6}\bullet 3^{1}\bullet 43^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{6} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow P4_{+12}(\downarrow P5_{-12})^{1}} = (1) + \uparrow uni_{+13}(\downarrow 8ve_{-13})$

$8257 = 23^{1}\bullet 359^{1} = \mathbf{(1) + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow tt_{-15}(\downarrow tt_{+15})^{1}} = (1) + \uparrow uni_{+14}(\downarrow 8ve_{-14})$

$8258 = 2^{1}\bullet 4129^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow uni_{+14}(\downarrow 8ve_{-14})^{1}} = (1) + \uparrow uni_{+14}(\downarrow 8ve_{-14})$

$8259 = 3^{1}\bullet 2753^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow P4_{+12}(\downarrow P5_{-12})^{1}} = (1) + \uparrow uni_{+14}(\downarrow 8ve_{-14})$

$8260 = 2^{2}\bullet 5^{1}\bullet 7^{1}\bullet 59^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M7_{-41}(\downarrow m2_{+41})^{1}} = (1) + \uparrow uni_{+14}(\downarrow 8ve_{-14})$

$8261 = 11^{1}\bullet 751^{1} = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow P5_{-37}(\downarrow P4_{+37})^{1}} = (1) + \uparrow uni_{+15}(\downarrow 8ve_{-15})$

$8262 = 2^{1}\bullet 3^{5}\bullet 17^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{5} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1}} = (1) + \uparrow uni_{+15}(\downarrow 8ve_{-15})$

$8263 = 8263^{1} = \mathbf{(1) + \uparrow uni_{+15}(\downarrow 8ve_{-15})}$

$8264 = 2^{3}\bullet 1033^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow uni_{+15}(\downarrow 8ve_{-15})^{1}} = (1) + \uparrow uni_{+15}(\downarrow 8ve_{-15})$

$8265 = 3^{1}\bullet 5^{1}\bullet 19^{1}\bullet 29^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1}} = (1) + \uparrow uni_{+15}(\downarrow 8ve_{-15})$

$8266 = 2^{1}\bullet 4133^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow uni_{+16}(\downarrow 8ve_{-16})^{1}} = (1) + \uparrow uni_{+16}(\downarrow 8ve_{-16})$

$8267 = 7^{1}\bullet 1181^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M2_{+47}(\downarrow m7_{-47})^{1}} = (1) + \uparrow uni_{+16}(\downarrow 8ve_{-16})$

$8268 = 2^{2}\bullet 3^{1}\bullet 13^{1}\bullet 53^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow M6_{-26}(\downarrow m3_{+26})^{1}} = (1) + \uparrow uni_{+16}(\downarrow 8ve_{-16})$

$8269 = 8269^{1} = \mathbf{(1) + \uparrow uni_{+16}(\downarrow 8ve_{-16})}$

$8270 = 2^{1}\bullet 5^{1}\bullet 827^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m6_{+30}(\downarrow M3_{-30})^{1}} = (1) + \uparrow uni_{+16}(\downarrow 8ve_{-16})$

$8271 = 3^{2}\bullet 919^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m7_{+13}(\downarrow M2_{-13})^{1}} = (1) + \uparrow uni_{+17}(\downarrow 8ve_{-17})$

$8272 = 2^{4}\bullet 11^{1}\bullet 47^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow P5_{-34}(\downarrow P4_{+34})^{1}} = (1) + \uparrow uni_{+17}(\downarrow 8ve_{-17})$

$8273 = 8273^{1} = \mathbf{(1) + \uparrow uni_{+17}(\downarrow 8ve_{-17})}$

$8274 = 2^{1}\bullet 3^{1}\bullet 7^{1}\bullet 197^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow P5_{+46}(\downarrow P4_{-46})^{1}} = (1) + \uparrow uni_{+17}(\downarrow 8ve_{-17})$

$8275 = 5^{2}\bullet 331^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow M3_{+45}(\downarrow m6_{-45})^{1}} = (1) + \uparrow uni_{+17}(\downarrow 8ve_{-17})$

$8276 = 2^{2}\bullet 2069^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow uni_{+18}(\downarrow 8ve_{-18})^{1}} = (1) + \uparrow uni_{+18}(\downarrow 8ve_{-18})$

$8277 = 3^{1}\bullet 31^{1}\bullet 89^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1} + \uparrow tt_{-29}(\downarrow tt_{+29})^{1}} = (1) + \uparrow uni_{+18}(\downarrow 8ve_{-18})$

$8278 = 2^{1}\bullet 4139^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow uni_{+18}(\downarrow 8ve_{-18})^{1}} = (1) + \uparrow uni_{+18}(\downarrow 8ve_{-18})$

$8279 = 17^{1}\bullet 487^{1} = \mathbf{(1) + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow M7_{+13}(\downarrow m2_{-13})^{1}} = (1) + \uparrow uni_{+18}(\downarrow 8ve_{-18})$

$8280 = 2^{3}\bullet 3^{2}\bullet 5^{1}\bullet 23^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1}} = (1) + \uparrow uni_{+18}(\downarrow 8ve_{-18})$

$8281 = 7^{2}\bullet 13^{2} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{2} + \uparrow m6_{+41}(\downarrow M3_{-41})^{2}} = (1) + \uparrow uni_{+19}(\downarrow 8ve_{-19})$

$8282 = 2^{1}\bullet 41^{1}\bullet 101^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{+29}(\downarrow m6_{-29})^{1} + \uparrow m6_{-10}(\downarrow M3_{+10})^{1}} = (1) + \uparrow uni_{+19}(\downarrow 8ve_{-19})$

$8283 = 3^{1}\bullet 11^{1}\bullet 251^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow 8ve_{-34}(\downarrow uni_{+34})^{1}} = (1) + \uparrow uni_{+19}(\downarrow 8ve_{-19})$

$8284 = 2^{2}\bullet 19^{1}\bullet 109^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow M6_{+22}(\downarrow m3_{-22})^{1}} = (1) + \uparrow uni_{+19}(\downarrow 8ve_{-19})$

$8285 = 5^{1}\bullet 1657^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m6_{+33}(\downarrow M3_{-33})^{1}} = (1) + \uparrow uni_{+20}(\downarrow 8ve_{-20})$

$8286 = 2^{1}\bullet 3^{1}\bullet 1381^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow P4_{+18}(\downarrow P5_{-18})^{1}} = (1) + \uparrow uni_{+20}(\downarrow 8ve_{-20})$

$8287 = 8287^{1} = \mathbf{(1) + \uparrow uni_{+20}(\downarrow 8ve_{-20})}$

$8288 = 2^{5}\bullet 7^{1}\bullet 37^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{5} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m3_{-49}(\downarrow M6_{+49})^{1}} = (1) + \uparrow uni_{+20}(\downarrow 8ve_{-20})$

$8289 = 3^{3}\bullet 307^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow m3_{+15}(\downarrow M6_{-15})^{1}} = (1) + \uparrow uni_{+20}(\downarrow 8ve_{-20})$

$8290 = 2^{1}\bullet 5^{1}\bullet 829^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m6_{+34}(\downarrow M3_{-34})^{1}} = (1) + \uparrow uni_{+21}(\downarrow 8ve_{-21})$

$8291 = 8291^{1} = \mathbf{(1) + \uparrow uni_{+21}(\downarrow 8ve_{-21})}$

$8292 = 2^2 \bullet 3^1 \bullet 691^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow P4_{+19}(\downarrow P5_{-19})^1} = (1) + \uparrow uni_{+21}(\downarrow 8ve_{-21})$

$8293 = 8293^1 = \mathbf{(1) + \uparrow uni_{+21}(\downarrow 8ve_{-21})}$

$8294 = 2^1 \bullet 11^1 \bullet 13^1 \bullet 29^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1} = (1) + \uparrow uni_{+21}(\downarrow 8ve_{-21})$

$8295 = 3^1 \bullet 5^1 \bullet 7^1 \bullet 79^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M3_{-35}(\downarrow m6_{+35})^1} = (1) + \uparrow uni_{+22}(\downarrow 8ve_{-22})$

$8296 = 2^3 \bullet 17^1 \bullet 61^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow M7_{+17}(\downarrow m2_{-17})^1} = (1) + \uparrow uni_{+22}(\downarrow 8ve_{-22})$

$8297 = 8297^1 = \mathbf{(1) + \uparrow uni_{+22}(\downarrow 8ve_{-22})}$

$8298 = 2^1 \bullet 3^2 \bullet 461^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m7_{+18}(\downarrow M2_{-18})^1} = (1) + \uparrow uni_{+22}(\downarrow 8ve_{-22})$

$8299 = 43^1 \bullet 193^1 = \mathbf{(1) + \uparrow P4_{+12}(\downarrow P5_{-12})^1 + \uparrow P5_{+11}(\downarrow P4_{-11})^1} = (1) + \uparrow uni_{+22}(\downarrow 8ve_{-22})$

$8300 = 2^2 \bullet 5^2 \bullet 83^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow P4_{-50}(\downarrow P5_{+50})^1} = (1) + \uparrow uni_{+23}(\downarrow 8ve_{-23})$

$8301 = 3^1 \bullet 2767^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow P4_{+21}(\downarrow P5_{-21})^1} = (1) + \uparrow uni_{+23}(\downarrow 8ve_{-23})$

$8302 = 2^1 \bullet 7^1 \bullet 593^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m3_{-46}(\downarrow M6_{+46})^1} = (1) + \uparrow uni_{+23}(\downarrow 8ve_{-23})$

$8303 = 19^2 \bullet 23^1 = \mathbf{(1) + \uparrow m3_{-2}(\downarrow M6_{+2})^2 + \uparrow tt_{+28}(\downarrow tt_{-28})^1} = (1) + \uparrow uni_{+23}(\downarrow 8ve_{-23})$

$8304 = 2^4 \bullet 3^1 \bullet 173^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow P4_{+22}(\downarrow P5_{-22})^1} = (1) + \uparrow uni_{+24}(\downarrow 8ve_{-24})$

$8305 = 5^1 \bullet 11^1 \bullet 151^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m3_{-14}(\downarrow M6_{+14})^1} = (1) + \uparrow uni_{+24}(\downarrow 8ve_{-24})$

$8306 = 2^1 \bullet 4153^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow uni_{+24}(\downarrow 8ve_{-24})^1} = (1) + \uparrow uni_{+24}(\downarrow 8ve_{-24})$

$8307 = 3^2 \bullet 13^1 \bullet 71^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow M2_{-20}(\downarrow m7_{+20})^1} = (1) + \uparrow uni_{+24}(\downarrow 8ve_{-24})$

$8308 = 2^2 \bullet 31^1 \bullet 67^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M7_{+45}(\downarrow m2_{-45})^1 + \uparrow m2_{-21}(\downarrow M7_{+21})^1} = (1) + \uparrow uni_{+24}(\downarrow 8ve_{-24})$

$8309 = 7^1 \bullet 1187^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m3_{-44}(\downarrow M6_{+44})^1} = (1) + \uparrow uni_{+25}(\downarrow 8ve_{-25})$

$8310 = 2^1 \bullet 3^1 \bullet 5^1 \bullet 277^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m2_{+36}(\downarrow M7_{-36})^1} = (1) + \uparrow uni_{+25}(\downarrow 8ve_{-25})$

$8311 = 8311^1 = \mathbf{(1) + \uparrow uni_{+25}(\downarrow 8ve_{-25})}$

$8312 = 2^3 \bullet 1039^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow uni_{+25}(\downarrow 8ve_{-25})^1} = (1) + \uparrow uni_{+25}(\downarrow 8ve_{-25})$

$8313 = 3^1 \bullet 17^1 \bullet 163^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow M3_{+18}(\downarrow m6_{-18})^1} = (1) + \uparrow uni_{+25}(\downarrow 8ve_{-25})$

$8314 = 2^1 \bullet 4157^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow uni_{+26}(\downarrow 8ve_{-26})^1} = (1) + \uparrow uni_{+26}(\downarrow 8ve_{-26})$

$8315 = 5^1 \bullet 1663^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m6_{+39}(\downarrow M3_{-39})^1} = (1) + \uparrow uni_{+26}(\downarrow 8ve_{-26})$

$8316 = 2^2 \bullet 3^3 \bullet 7^1 \bullet 11^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1} = (1) + \uparrow uni_{+26}(\downarrow 8ve_{-26})$

$8317 = 8317^1 = \mathbf{(1) + \uparrow uni_{+26}(\downarrow 8ve_{-26})}$

$8318 = 2^1 \bullet 4159^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow uni_{+26}(\downarrow 8ve_{-26})^1} = (1) + \uparrow uni_{+26}(\downarrow 8ve_{-26})$

$8319 = 3^1 \bullet 47^1 \bullet 59^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow P5_{-34}(\downarrow P4_{+34})^1 + \uparrow M7_{-41}(\downarrow m2_{+41})^1} = (1) + \uparrow uni_{+27}(\downarrow 8ve_{-27})$

$8320 = 2^7 \bullet 5^1 \bullet 13^1 = \mathbf{(1) + \updownarrow 8ve(uni)^7 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1} = (1) + \uparrow uni_{+27}(\downarrow 8ve_{-27})$

$8321 = 53^1 \bullet 157^1 = \mathbf{(1) + \uparrow M6_{-26}(\downarrow m3_{+26})^1 + \uparrow M3_{-46}(\downarrow m6_{+46})^1} = (1) + \uparrow uni_{+27}(\downarrow 8ve_{-27})$

$8322 = 2^1 \bullet 3^1 \bullet 19^1 \bullet 73^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow M2_{+28}(\downarrow m7_{-28})^1} = (1) + \uparrow uni_{+27}(\downarrow 8ve_{-27})$

$8323 = 7^1 \bullet 29^1 \bullet 41^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1 + \uparrow M3_{+29}(\downarrow m6_{-29})^1} = (1) + \uparrow uni_{+27}(\downarrow 8ve_{-27})$

$8324 = 2^2 \bullet 2081^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow uni_{+28}(\downarrow 8ve_{-28})^1} = (1) + \uparrow uni_{+28}(\downarrow 8ve_{-28})$

$8325 = 3^2 \bullet 5^2 \bullet 37^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow m3_{-49}(\downarrow M6_{+49})^1} = (1) + \uparrow uni_{+28}(\downarrow 8ve_{-28})$

$8326 = 2^1 \bullet 23^1 \bullet 181^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow tt_{+0}(\downarrow tt_{-0})^1} = (1) + \uparrow uni_{+28}(\downarrow 8ve_{-28})$

$8327 = 11^1 \bullet 757^1 = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow P5_{-23}(\downarrow P4_{+23})^1} = (1) + \uparrow uni_{+28}(\downarrow 8ve_{-28})$

$8328 = 2^3 \bullet 3^1 \bullet 347^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow P4_{+27}(\downarrow P5_{-27})^1} = (1) + \uparrow uni_{+29}(\downarrow 8ve_{-29})$

$8329 = 8329^1 = \mathbf{(1) + \uparrow uni_{+29}(\downarrow 8ve_{-29})}$

$8330 = 2^1 \bullet 5^1 \bullet 7^2 \bullet 17^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^2 + \uparrow m2_{+5}(\downarrow M7_{-5})^1} = (1) + \uparrow uni_{+29}(\downarrow 8ve_{-29})$

$8331 = 3^1 \bullet 2777^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow P4_{+27}(\downarrow P5_{-27})^1} = (1) + \uparrow uni_{+29}(\downarrow 8ve_{-29})$

$8332 = 2^2 \bullet 2083^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow uni_{+29}(\downarrow 8ve_{-29})^1} = (1) + \uparrow uni_{+29}(\downarrow 8ve_{-29})$

$8333 = 13^1 \bullet 641^1 = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow M3_{-11}(\downarrow m6_{+11})^1} = (1) + \uparrow uni_{+30}(\downarrow 8ve_{-30})$

$8334 = 2^{1}\bullet 3^{2}\bullet 463^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m7_{+26}(\downarrow M2_{-26})^{1}} = (1) + \uparrow uni_{+30}(\downarrow 8ve_{-30})$

$8335 = 5^{1}\bullet 1667^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m6_{+44}(\downarrow M3_{-44})^{1}} = (1) + \uparrow uni_{+30}(\downarrow 8ve_{-30})$

$8336 = 2^{4}\bullet 521^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow uni_{+30}(\downarrow 8ve_{-30})^{1}} = (1) + \uparrow uni_{+30}(\downarrow 8ve_{-30})$

$8337 = 3^{1}\bullet 7^{1}\bullet 397^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m6_{-40}(\downarrow M3_{+40})^{1}} = (1) + \uparrow uni_{+30}(\downarrow 8ve_{-30})$

$8338 = 2^{1}\bullet 11^{1}\bullet 379^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow P5_{-21}(\downarrow P4_{+21})^{1}} = (1) + \uparrow uni_{+31}(\downarrow 8ve_{-31})$

$8339 = 31^{1}\bullet 269^{1} = \mathbf{(1) + \uparrow M7_{+45}(\downarrow m2_{-45})^{1} + \uparrow m2_{-14}(\downarrow M7_{+14})^{1}} = (1) + \uparrow uni_{+31}(\downarrow 8ve_{-31})$

$8340 = 2^{2}\bullet 3^{1}\bullet 5^{1}\bullet 139^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m2_{+43}(\downarrow M7_{-43})^{1}} = (1) + \uparrow uni_{+31}(\downarrow 8ve_{-31})$

$8341 = 19^{1}\bullet 439^{1} = \mathbf{(1) + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow M6_{+34}(\downarrow m3_{-34})^{1}} = (1) + \uparrow uni_{+31}(\downarrow 8ve_{-31})$

$8342 = 2^{1}\bullet 43^{1}\bullet 97^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P4_{+12}(\downarrow P5_{-12})^{1} + \uparrow P5_{+20}(\downarrow P4_{-20})^{1}} = (1) + \uparrow uni_{+31}(\downarrow 8ve_{-31})$

$8343 = 3^{4}\bullet 103^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{4} + \uparrow m6_{+24}(\downarrow M3_{-24})^{1}} = (1) + \uparrow uni_{+32}(\downarrow 8ve_{-32})$

$8344 = 2^{3}\bullet 7^{1}\bullet 149^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m3_{-37}(\downarrow M6_{+37})^{1}} = (1) + \uparrow uni_{+32}(\downarrow 8ve_{-32})$

$8345 = 5^{1}\bullet 1669^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m6_{+46}(\downarrow M3_{-46})^{1}} = (1) + \uparrow uni_{+32}(\downarrow 8ve_{-32})$

$8346 = 2^{1}\bullet 3^{1}\bullet 13^{1}\bullet 107^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow M6_{-10}(\downarrow m3_{+10})^{1}} = (1) + \uparrow uni_{+32}(\downarrow 8ve_{-32})$

$8347 = 17^{1}\bullet 491^{1} = \mathbf{(1) + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow M7_{+27}(\downarrow m2_{-27})^{1}} = (1) + \uparrow uni_{+32}(\downarrow 8ve_{-32})$

$8348 = 2^{2}\bullet 2087^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow uni_{+33}(\downarrow 8ve_{-33})^{1}} = (1) + \uparrow uni_{+33}(\downarrow 8ve_{-33})$

$8349 = 3^{1}\bullet 11^{2}\bullet 23^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{2} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1}} = (1) + \uparrow uni_{+33}(\downarrow 8ve_{-33})$

$8350 = 2^{1}\bullet 5^{2}\bullet 167^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow P4_{-40}(\downarrow P5_{+40})^{1}} = (1) + \uparrow uni_{+33}(\downarrow 8ve_{-33})$

$8351 = 7^{1}\bullet 1193^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m3_{-36}(\downarrow M6_{+36})^{1}} = (1) + \uparrow uni_{+33}(\downarrow 8ve_{-33})$

$8352 = 2^{5}\bullet 3^{2}\bullet 29^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{5} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1}} = (1) + \uparrow uni_{+33}(\downarrow 8ve_{-33})$

$8353 = 8353^{1} = \mathbf{(1) + \uparrow uni_{+34}(\downarrow 8ve_{-34})}$

$8354 = 2^{1}\bullet 4177^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow uni_{+34}(\downarrow 8ve_{-34})^{1}} = (1) + \uparrow uni_{+34}(\downarrow 8ve_{-34})$

$8355 = 3^{1}\bullet 5^{1}\bullet 557^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m2_{+46}(\downarrow M7_{-46})^{1}} = (1) + \uparrow uni_{+34}(\downarrow 8ve_{-34})$

$8356 = 2^{2}\bullet 2089^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow uni_{+34}(\downarrow 8ve_{-34})^{1}} = (1) + \uparrow uni_{+34}(\downarrow 8ve_{-34})$

$8357 = 61^{1}\bullet 137^{1} = \mathbf{(1) + \uparrow M7_{+17}(\downarrow m2_{-17})^{1} + \uparrow m2_{+18}(\downarrow M7_{-18})^{1}} = (1) + \uparrow uni_{+35}(\downarrow 8ve_{-35})$

$8358 = 2^{1}\bullet 3^{1}\bullet 7^{1}\bullet 199^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m6_{-36}(\downarrow M3_{+36})^{1}} = (1) + \uparrow uni_{+35}(\downarrow 8ve_{-35})$

$8359 = 13^{1}\bullet 643^{1} = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow M3_{-6}(\downarrow m6_{+6})^{1}} = (1) + \uparrow uni_{+35}(\downarrow 8ve_{-35})$

$8360 = 2^{3}\bullet 5^{1}\bullet 11^{1}\bullet 19^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1}} = (1) + \uparrow uni_{+35}(\downarrow 8ve_{-35})$

$8361 = 3^{2}\bullet 929^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m7_{+31}(\downarrow M2_{-31})^{1}} = (1) + \uparrow uni_{+35}(\downarrow 8ve_{-35})$

$8362 = 2^{1}\bullet 37^{1}\bullet 113^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m3_{-49}(\downarrow M6_{+49})^{1} + \uparrow m7_{-16}(\downarrow M2_{+16})^{1}} = (1) + \uparrow uni_{+36}(\downarrow 8ve_{-36})$

$8363 = 8363^{1} = \mathbf{(1) + \uparrow uni_{+36}(\downarrow 8ve_{-36})}$

$8364 = 2^{2}\bullet 3^{1}\bullet 17^{1}\bullet 41^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow M3_{+29}(\downarrow m6_{-29})^{1}} = (1) + \uparrow uni_{+36}(\downarrow 8ve_{-36})$

$8365 = 5^{1}\bullet 7^{1}\bullet 239^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M7_{-19}(\downarrow m2_{+19})^{1}} = (1) + \uparrow uni_{+36}(\downarrow 8ve_{-36})$

$8366 = 2^{1}\bullet 47^{1}\bullet 89^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{-34}(\downarrow P4_{+34})^{1} + \uparrow tt_{-29}(\downarrow tt_{+29})^{1}} = (1) + \uparrow uni_{+36}(\downarrow 8ve_{-36})$

$8367 = 3^{1}\bullet 2789^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow P4_{+35}(\downarrow P5_{-35})^{1}} = (1) + \uparrow uni_{+37}(\downarrow 8ve_{-37})$

$8368 = 2^{4}\bullet 523^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow uni_{+37}(\downarrow 8ve_{-37})^{1}} = (1) + \uparrow uni_{+37}(\downarrow 8ve_{-37})$

$8369 = 8369^{1} = \mathbf{(1) + \uparrow uni_{+37}(\downarrow 8ve_{-37})}$

$8370 = 2^{1}\bullet 3^{3}\bullet 5^{1}\bullet 31^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1}} = (1) + \uparrow uni_{+37}(\downarrow 8ve_{-37})$

$8371 = 11^{1}\bullet 761^{1} = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow P5_{-14}(\downarrow P4_{+14})^{1}} = (1) + \uparrow uni_{+37}(\downarrow 8ve_{-37})$

$8372 = 2^{2}\bullet 7^{1}\bullet 13^{1}\bullet 23^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1}} = (1) + \uparrow uni_{+38}(\downarrow 8ve_{-38})$

$8373 = 3^{1}\bullet 2791^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow P4_{+36}(\downarrow P5_{-36})^{1}} = (1) + \uparrow uni_{+38}(\downarrow 8ve_{-38})$

$8374 = 2^{1}\bullet 53^{1}\bullet 79^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M6_{-26}(\downarrow m3_{+26})^{1} + \uparrow M3_{-35}(\downarrow m6_{+35})^{1}} = (1) + \uparrow uni_{+38}(\downarrow 8ve_{-38})$

$8375 = 5^{3}\bullet 67^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{3} + \uparrow m2_{-21}(\downarrow M7_{+21})^{1}} = (1) + \uparrow uni_{+38}(\downarrow 8ve_{-38})$

$8376 = 2^{3}\bullet 3^{1}\bullet 349^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow P4_{+36}(\downarrow P5_{-36})^{1}} = (1) + \uparrow uni_{+38}(\downarrow 8ve_{-38})$

$8377 = 8377^{1} = \mathbf{(1) + \uparrow uni_{+39}(\downarrow 8ve_{-39})}$

$8378 = 2^{1}\bullet 59^{1}\bullet 71^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M7_{-41}(\downarrow m2_{+41})^{1} + \uparrow M2_{-20}(\downarrow m7_{+20})^{1}} = (1) + \uparrow uni_{+39}(\downarrow 8ve_{-39})$

$8379 = 3^{2}\bullet 7^{2}\bullet 19^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{2} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1}} = (1) + \uparrow uni_{+39}(\downarrow 8ve_{-39})$

$8380 = 2^{2}\bullet 5^{1}\bullet 419^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M6_{-47}(\downarrow m3_{+47})^{1}} = (1) + \uparrow uni_{+39}(\downarrow 8ve_{-39})$

$8381 = 17^{2}\bullet 29^{1} = \mathbf{(1) + \uparrow m2_{+5}(\downarrow M7_{-5})^{2} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1}} = (1) + \uparrow uni_{+39}(\downarrow 8ve_{-39})$

$8382 = 2^{1}\bullet 3^{1}\bullet 11^{1}\bullet 127^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow 8ve_{-14}(\downarrow uni_{+14})^{1}} = (1) + \uparrow uni_{+40}(\downarrow 8ve_{-40})$

$8383 = 83^{1}\bullet 101^{1} = \mathbf{(1) + \uparrow P4_{-50}(\downarrow P5_{+50})^{1} + \uparrow m6_{-10}(\downarrow M3_{+10})^{1}} = (1) + \uparrow uni_{+40}(\downarrow 8ve_{-40})$

$8384 = 2^{6}\bullet 131^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{6} + \uparrow uni_{+40}(\downarrow 8ve_{-40})^{1}} = (1) + \uparrow uni_{+40}(\downarrow 8ve_{-40})$

$8385 = 3^{1}\bullet 5^{1}\bullet 13^{1}\bullet 43^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow P4_{+12}(\downarrow P5_{-12})^{1}} = (1) + \uparrow uni_{+40}(\downarrow 8ve_{-40})$

$8386 = 2^{1}\bullet 7^{1}\bullet 599^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m3_{-28}(\downarrow M6_{+28})^{1}} = (1) + \uparrow uni_{+41}(\downarrow 8ve_{-41})$

$8387 = 8387^{1} = \mathbf{(1) + \uparrow uni_{+41}(\downarrow 8ve_{-41})}$

$8388 = 2^{2}\bullet 3^{2}\bullet 233^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m7_{+37}(\downarrow M2_{-37})^{1}} = (1) + \uparrow uni_{+41}(\downarrow 8ve_{-41})$

$8389 = 8389^{1} = \mathbf{(1) + \uparrow uni_{+41}(\downarrow 8ve_{-41})}$

$8390 = 2^{1}\bullet 5^{1}\bullet 839^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M6_{-45}(\downarrow m3_{+45})^{1}} = (1) + \uparrow uni_{+41}(\downarrow 8ve_{-41})$

$8391 = 3^{1}\bullet 2797^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow P4_{+40}(\downarrow P5_{-40})^{1}} = (1) + \uparrow uni_{+42}(\downarrow 8ve_{-42})$

$8392 = 2^{3}\bullet 1049^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow uni_{+42}(\downarrow 8ve_{-42})^{1}} = (1) + \uparrow uni_{+42}(\downarrow 8ve_{-42})$

$8393 = 7^{1}\bullet 11^{1}\bullet 109^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow M6_{+22}(\downarrow m3_{-22})^{1}} = (1) + \uparrow uni_{+42}(\downarrow 8ve_{-42})$

$8394 = 2^{1}\bullet 3^{1}\bullet 1399^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow P4_{+40}(\downarrow P5_{-40})^{1}} = (1) + \uparrow uni_{+42}(\downarrow 8ve_{-42})$

$8395 = 5^{1}\bullet 23^{1}\bullet 73^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow M2_{+28}(\downarrow m7_{-28})^{1}} = (1) + \uparrow uni_{+42}(\downarrow 8ve_{-42})$

$8396 = 2^{2}\bullet 2099^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow uni_{+43}(\downarrow 8ve_{-43})^{1}} = (1) + \uparrow uni_{+43}(\downarrow 8ve_{-43})$

$8397 = 3^{3}\bullet 311^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow m3_{+37}(\downarrow M6_{-37})^{1}} = (1) + \uparrow uni_{+43}(\downarrow 8ve_{-43})$

$8398 = 2^{1}\bullet 13^{1}\bullet 17^{1}\bullet 19^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1}} = (1) + \uparrow uni_{+43}(\downarrow 8ve_{-43})$

$8399 = 37^{1}\bullet 227^{1} = \mathbf{(1) + \uparrow m3_{-49}(\downarrow M6_{+49})^{1} + \uparrow m7_{-8}(\downarrow M2_{+8})^{1}} = (1) + \uparrow uni_{+43}(\downarrow 8ve_{-43})$

$8400 = 2^{4}\bullet 3^{1}\bullet 5^{2}\bullet 7^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1}} = (1) + \uparrow uni_{+43}(\downarrow 8ve_{-43})$

$8401 = 31^{1}\bullet 271^{1} = \mathbf{(1) + \uparrow M7_{+45}(\downarrow m2_{-45})^{1} + \uparrow m2_{-1}(\downarrow M7_{+1})^{1}} = (1) + \uparrow uni_{+44}(\downarrow 8ve_{-44})$

$8402 = 2^{1}\bullet 4201^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow uni_{+44}(\downarrow 8ve_{-44})^{1}} = (1) + \uparrow uni_{+44}(\downarrow 8ve_{-44})$

$8403 = 3^{1}\bullet 2801^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow P4_{+42}(\downarrow P5_{-42})^{1}} = (1) + \uparrow uni_{+44}(\downarrow 8ve_{-44})$

$8404 = 2^{2}\bullet 11^{1}\bullet 191^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow P5_{-7}(\downarrow P4_{+7})^{1}} = (1) + \uparrow uni_{+44}(\downarrow 8ve_{-44})$

$8405 = 5^{1}\bullet 41^{2} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M3_{+29}(\downarrow m6_{-29})^{2}} = (1) + \uparrow uni_{+44}(\downarrow 8ve_{-44})$

$8406 = 2^{1}\bullet 3^{2}\bullet 467^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m7_{+41}(\downarrow M2_{-41})^{1}} = (1) + \uparrow uni_{+45}(\downarrow 8ve_{-45})$

$8407 = 7^{1}\bullet 1201^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m3_{-24}(\downarrow M6_{+24})^{1}} = (1) + \uparrow uni_{+45}(\downarrow 8ve_{-45})$

$8408 = 2^{3}\bullet 1051^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow uni_{+45}(\downarrow 8ve_{-45})^{1}} = (1) + \uparrow uni_{+45}(\downarrow 8ve_{-45})$

$8409 = 3^{1}\bullet 2803^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow P4_{+43}(\downarrow P5_{-43})^{1}} = (1) + \uparrow uni_{+45}(\downarrow 8ve_{-45})$

$8410 = 2^{1}\bullet 5^{1}\bullet 29^{2} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{+30}(\downarrow M2_{-30})^{2}} = (1) + \uparrow uni_{+45}(\downarrow 8ve_{-45})$

$8411 = 13^{1}\bullet 647^{1} = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow M3_{+5}(\downarrow m6_{-5})^{1}} = (1) + \uparrow uni_{+46}(\downarrow 8ve_{-46})$

$8412 = 2^{2}\bullet 3^{1}\bullet 701^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow P4_{+44}(\downarrow P5_{-44})^{1}} = (1) + \uparrow uni_{+46}(\downarrow 8ve_{-46})$

$8413 = 47^{1}\bullet 179^{1} = \mathbf{(1) + \uparrow P5_{-34}(\downarrow P4_{+34})^{1} + \uparrow tt_{-19}(\downarrow tt_{+19})^{1}} = (1) + \uparrow uni_{+46}(\downarrow 8ve_{-46})$

$8414 = 2^{1}\bullet 7^{1}\bullet 601^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m3_{-23}(\downarrow M6_{+23})^{1}} = (1) + \uparrow uni_{+46}(\downarrow 8ve_{-46})$

$8415 = 3^{2}\bullet 5^{1}\bullet 11^{1}\bullet 17^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1}} = (1) + \uparrow uni_{+46}(\downarrow 8ve_{-46})$

$8416 = 2^{5}\bullet 263^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{5} + \uparrow uni_{+47}(\downarrow 8ve_{-47})^{1}} = (1) + \uparrow uni_{+47}(\downarrow 8ve_{-47})$

$8417 = 19^{1}\bullet 443^{1} = \mathbf{(1) + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow M6_{+49}(\downarrow m3_{-49})^{1}} = (1) + \uparrow uni_{+47}(\downarrow 8ve_{-47})$

$8418 = 2^{1}\bullet 3^{1}\bullet 23^{1}\bullet 61^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow M7_{+17}(\downarrow m2_{-17})^{1}} = (1) + \uparrow uni_{+47}(\downarrow 8ve_{-47})$

$8419 = 8419^{1} = \mathbf{(1) + \uparrow uni_{+47}(\downarrow 8ve_{-47})}$

$8420 = 2^{2}\bullet 5^{1}\bullet 421^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M6_{-39}(\downarrow m3_{+39})^{1}} = (1) + \uparrow uni_{+48}(\downarrow 8ve_{-48})$

$8421 = 3^{1}\bullet 7^{1}\bullet 401^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m6_{-23}(\downarrow M3_{+23})^{1}} = (1) + \uparrow uni_{+48}(\downarrow 8ve_{-48})$

$8422 = 2^{1}\bullet 4211^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow uni_{+48}(\downarrow 8ve_{-48})^{1}} = (1) + \uparrow uni_{+48}(\downarrow 8ve_{-48})$

$8423 = 8423^{1} = \mathbf{(1) + \uparrow uni_{+48}(\downarrow 8ve_{-48})}$

$8424 = 2^{3}\bullet 3^{4}\bullet 13^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{+2}(\downarrow P4_{-2})^{4} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1}} = (1) + \uparrow uni_{+48}(\downarrow 8ve_{-48})$

$8425 = 5^{2}\bullet 337^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow P4_{-24}(\downarrow P5_{+24})^{1}} = (1) + \uparrow uni_{+49}(\downarrow 8ve_{-49})$

$8426 = 2^{1}\bullet 11^{1}\bullet 383^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow P5_{-3}(\downarrow P4_{+3})^{1}} = (1) + \uparrow uni_{+49}(\downarrow 8ve_{-49})$

$8427 = 3^{1}\bullet 53^{2} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M6_{-26}(\downarrow m3_{+26})^{2}} = (1) + \uparrow uni_{+49}(\downarrow 8ve_{-49})$

$8428 = 2^{2}\bullet 7^{2}\bullet 43^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{2} + \uparrow P4_{+12}(\downarrow P5_{-12})^{1}} = (1) + \uparrow uni_{+49}(\downarrow 8ve_{-49})$

$8429 = 8429^{1} = \mathbf{(1) + \uparrow uni_{+49}(\downarrow 8ve_{-49})}$

$8430 = 2^{1}\bullet 3^{1}\bullet 5^{1}\bullet 281^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M2_{-39}(\downarrow m7_{+39})^{1}} = (1) + \uparrow uni_{+50}(\downarrow 8ve_{-50})$

$8431 = 8431^{1} = \mathbf{(1) + \uparrow uni_{+50}(\downarrow 8ve_{-50})}$

$8432 = 2^{4}\bullet 17^{1}\bullet 31^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1}} = (1) + \uparrow uni_{+50}(\downarrow 8ve_{-50})$

$8433 = 3^{2}\bullet 937^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m7_{+46}(\downarrow M2_{-46})^{1}} = (1) + \uparrow m2_{-50}(\downarrow M7_{+50})$

$8434 = 2^{1}\bullet 4217^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m2_{-50}(\downarrow M7_{+50})^{1}} = (1) + \uparrow m2_{-50}(\downarrow M7_{+50})$

$8435 = 5^{1}\bullet 7^{1}\bullet 241^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M7_{-5}(\downarrow m2_{+5})^{1}} = (1) + \uparrow m2_{-49}(\downarrow M7_{+49})$

$8436 = 2^{2}\bullet 3^{1}\bullet 19^{1}\bullet 37^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow m3_{-49}(\downarrow M6_{+49})^{1}} = (1) + \uparrow m2_{-49}(\downarrow M7_{+49})$

$8437 = 11^{1}\bullet 13^{1}\bullet 59^{1} = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow M7_{-41}(\downarrow m2_{+41})^{1}} = (1) + \uparrow m2_{-49}(\downarrow M7_{+49})$

$8438 = 2^{1}\bullet 4219^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m2_{-49}(\downarrow M7_{+49})^{1}} = (1) + \uparrow m2_{-49}(\downarrow M7_{+49})$

$8439 = 3^{1}\bullet 29^{1}\bullet 97^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1} + \uparrow P5_{+20}(\downarrow P4_{-20})^{1}} = (1) + \uparrow m2_{-49}(\downarrow M7_{+49})$

$8440 = 2^{3}\bullet 5^{1}\bullet 211^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M6_{-35}(\downarrow m3_{+35})^{1}} = (1) + \uparrow m2_{-48}(\downarrow M7_{+48})$

$8441 = 23^{1}\bullet 367^{1} = \mathbf{(1) + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow tt_{+24}(\downarrow tt_{-24})^{1}} = (1) + \uparrow m2_{-48}(\downarrow M7_{+48})$

$8442 = 2^{1}\bullet 3^{2}\bullet 7^{1}\bullet 67^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m2_{-21}(\downarrow M7_{+21})^{1}} = (1) + \uparrow m2_{-48}(\downarrow M7_{+48})$

$8443 = 8443^{1} = \mathbf{(1) + \uparrow m2_{-48}(\downarrow M7_{+48})}$

$8444 = 2^{2}\bullet 2111^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m2_{-48}(\downarrow M7_{+48})^{1}} = (1) + \uparrow m2_{-48}(\downarrow M7_{+48})$

$8445 = 3^{1}\bullet 5^{1}\bullet 563^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M2_{-36}(\downarrow m7_{+36})^{1}} = (1) + \uparrow m2_{-47}(\downarrow M7_{+47})$

$8446 = 2^{1}\bullet 41^{1}\bullet 103^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{+29}(\downarrow m6_{-29})^{1} + \uparrow m6_{+24}(\downarrow M3_{-24})^{1}} = (1) + \uparrow m2_{-47}(\downarrow M7_{+47})$

$8447 = 8447^{1} = \mathbf{(1) + \uparrow m2_{-47}(\downarrow M7_{+47})}$

$8448 = 2^{8}\bullet 3^{1}\bullet 11^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{8} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1}} = (1) + \uparrow m2_{-47}(\downarrow M7_{+47})$

$8449 = 7^{1}\bullet 17^{1}\bullet 71^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow M2_{-20}(\downarrow m7_{+20})^{1}} = (1) + \uparrow m2_{-47}(\downarrow M7_{+47})$

$8450 = 2^{1}\bullet 5^{2}\bullet 13^{2} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow m6_{+41}(\downarrow M3_{-41})^{2}} = (1) + \uparrow m2_{-46}(\downarrow M7_{+46})$

$8451 = 3^{3}\bullet 313^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow m3_{+48}(\downarrow M6_{-48})^{1}} = (1) + \uparrow m2_{-46}(\downarrow M7_{+46})$

$8452 = 2^{2}\bullet 2113^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m2_{-46}(\downarrow M7_{+46})^{1}} = (1) + \uparrow m2_{-46}(\downarrow M7_{+46})$

$8453 = 79^{1}\bullet 107^{1} = \mathbf{(1) + \uparrow M3_{-35}(\downarrow m6_{+35})^{1} + \uparrow M6_{-10}(\downarrow m3_{+10})^{1}} = (1) + \uparrow m2_{-46}(\downarrow M7_{+46})$

$8454 = 2^{1}\bullet 3^{1}\bullet 1409^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{-47}(\downarrow tt_{+47})^{1}} = (1) + \uparrow m2_{-45}(\downarrow M7_{+45})$

$8455 = 5^{1}\bullet 19^{1}\bullet 89^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow tt_{-29}(\downarrow tt_{+29})^{1}} = (1) + \uparrow m2_{-45}(\downarrow M7_{+45})$

$8456 = 2^{3}\bullet 7^{1}\bullet 151^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m3_{-14}(\downarrow M6_{+14})^{1}} = (1) + \uparrow m2_{-45}(\downarrow M7_{+45})$

$8457 = 3^{1}\bullet 2819^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{-47}(\downarrow tt_{+47})^{1}} = (1) + \uparrow m2_{-45}(\downarrow M7_{+45})$

$8458 = 2^{1}\bullet 4229^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m2_{-45}(\downarrow M7_{+45})^{1}} = (1) + \uparrow m2_{-45}(\downarrow M7_{+45})$

$8459 = 11^{1}\bullet 769^{1} = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow P5_{+4}(\downarrow P4_{-4})^{1}} = (1) + \uparrow m2_{-44}(\downarrow M7_{+44})$

$8460 = 2^2 \bullet 3^2 \bullet 5^1 \bullet 47^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow P5_{-34}(\downarrow P4_{+34})^1} = (1) + \uparrow m2_{-44}(\downarrow M7_{+44})$

$8461 = 8461^1 = \mathbf{(1) + \uparrow m2_{-44}(\downarrow M7_{+44})}$

$8462 = 2^1 \bullet 4231^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m2_{-44}(\downarrow M7_{+44})^1} = (1) + \uparrow m2_{-44}(\downarrow M7_{+44})$

$8463 = 3^1 \bullet 7^1 \bullet 13^1 \bullet 31^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow M7_{+45}(\downarrow m2_{-45})^1} =$

$(1) + \uparrow m2_{-44}(\downarrow M7_{+44})$

$8464 = 2^4 \bullet 23^2 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow tt_{+28}(\downarrow tt_{-28})^2} = (1) + \uparrow m2_{-43}(\downarrow M7_{+43})$

$8465 = 5^1 \bullet 1693^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M6_{-30}(\downarrow m3_{+30})^1} = (1) + \uparrow m2_{-43}(\downarrow M7_{+43})$

$8466 = 2^1 \bullet 3^1 \bullet 17^1 \bullet 83^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow P4_{-50}(\downarrow P5_{+50})^1} = (1) + \uparrow m2_{-43}(\downarrow M7_{+43})$

$8467 = 8467^1 = \mathbf{(1) + \uparrow m2_{-43}(\downarrow M7_{+43})}$

$8468 = 2^2 \bullet 29^1 \bullet 73^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m7_{+30}(\downarrow M2_{-30})^1 + \uparrow M2_{+28}(\downarrow m7_{-28})^1} = (1) + \uparrow m2_{-43}(\downarrow M7_{+43})$

$8469 = 3^2 \bullet 941^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M7_{-46}(\downarrow m2_{+46})^1} = (1) + \uparrow m2_{-42}(\downarrow M7_{+42})$

$8470 = 2^1 \bullet 5^1 \bullet 7^1 \bullet 11^2 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^2} = (1) + \uparrow m2_{-42}(\downarrow M7_{+42})$

$8471 = 43^1 \bullet 197^1 = \mathbf{(1) + \uparrow P4_{+12}(\downarrow P5_{-12})^1 + \uparrow P5_{+46}(\downarrow P4_{-46})^1} = (1) + \uparrow m2_{-42}(\downarrow M7_{+42})$

$8472 = 2^3 \bullet 3^1 \bullet 353^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{-44}(\downarrow tt_{+44})^1} = (1) + \uparrow m2_{-42}(\downarrow M7_{+42})$

$8473 = 37^1 \bullet 229^1 = \mathbf{(1) + \uparrow m3_{-49}(\downarrow M6_{+49})^1 + \uparrow m7_{+7}(\downarrow M2_{-7})^1} = (1) + \uparrow m2_{-42}(\downarrow M7_{+42})$

$8474 = 2^1 \bullet 19^1 \bullet 223^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow m7_{-39}(\downarrow M2_{+39})^1} = (1) + \uparrow m2_{-41}(\downarrow M7_{+41})$

$8475 = 3^1 \bullet 5^2 \bullet 113^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow m7_{-16}(\downarrow M2_{+16})^1} = (1) + \uparrow m2_{-41}(\downarrow M7_{+41})$

$8476 = 2^2 \bullet 13^1 \bullet 163^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow M3_{+18}(\downarrow m6_{-18})^1} = (1) + \uparrow m2_{-41}(\downarrow M7_{+41})$

$8477 = 7^2 \bullet 173^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^2 + \uparrow P4_{+22}(\downarrow P5_{-22})^1} = (1) + \uparrow m2_{-41}(\downarrow M7_{+41})$

$8478 = 2^1 \bullet 3^3 \bullet 157^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow M3_{-46}(\downarrow m6_{+46})^1} = (1) + \uparrow m2_{-41}(\downarrow M7_{+41})$

$8479 = 61^1 \bullet 139^1 = \mathbf{(1) + \uparrow M7_{+17}(\downarrow m2_{-17})^1 + \uparrow m2_{+43}(\downarrow M7_{-43})^1} = (1) + \uparrow m2_{-40}(\downarrow M7_{+40})$

$8480 = 2^5 \bullet 5^1 \bullet 53^1 = \mathbf{(1) + \updownarrow 8ve(uni)^5 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M6_{-26}(\downarrow m3_{+26})^1} = (1) + \uparrow m2_{-40}(\downarrow M7_{+40})$

$8481 = 3^1 \bullet 11^1 \bullet 257^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow uni_{+7}(\downarrow 8ve_{-7})^1} = (1) + \uparrow m2_{-40}(\downarrow M7_{+40})$

$8482 = 2^1 \bullet 4241^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m2_{-40}(\downarrow M7_{+40})^1} = (1) + \uparrow m2_{-40}(\downarrow M7_{+40})$

$8483 = 17^1 \bullet 499^1 = \mathbf{(1) + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow 8ve_{-45}(\downarrow uni_{+45})^1} = (1) + \uparrow m2_{-40}(\downarrow M7_{+40})$

$8484 = 2^2 \bullet 3^1 \bullet 7^1 \bullet 101^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m6_{-10}(\downarrow M3_{+10})^1} = (1) + \uparrow m2_{-39}(\downarrow M7_{+39})$

$8485 = 5^1 \bullet 1697^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M6_{-25}(\downarrow m3_{+25})^1} = (1) + \uparrow m2_{-39}(\downarrow M7_{+39})$

$8486 = 2^1 \bullet 4243^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m2_{-39}(\downarrow M7_{+39})^1} = (1) + \uparrow m2_{-39}(\downarrow M7_{+39})$

$8487 = 3^2 \bullet 23^1 \bullet 41^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow M3_{+29}(\downarrow m6_{-29})^1} = (1) + \uparrow m2_{-39}(\downarrow M7_{+39})$

$8488 = 2^3 \bullet 1061^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow m2_{-39}(\downarrow M7_{+39})^1} = (1) + \uparrow m2_{-39}(\downarrow M7_{+39})$

$8489 = 13^1 \bullet 653^1 = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow M3_{+21}(\downarrow m6_{-21})^1} = (1) + \uparrow m2_{-38}(\downarrow M7_{+38})$

$8490 = 2^1 \bullet 3^1 \bullet 5^1 \bullet 283^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M2_{-26}(\downarrow m7_{+26})^1} = (1) + \uparrow m2_{-38}(\downarrow M7_{+38})$

$8491 = 7^1 \bullet 1213^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m3_{-7}(\downarrow M6_{+7})^1} = (1) + \uparrow m2_{-38}(\downarrow M7_{+38})$

$8492 = 2^2 \bullet 11^1 \bullet 193^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow P5_{+11}(\downarrow P4_{-11})^1} = (1) + \uparrow m2_{-38}(\downarrow M7_{+38})$

$8493 = 3^1 \bullet 19^1 \bullet 149^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow m3_{-37}(\downarrow M6_{+37})^1} = (1) + \uparrow m2_{-38}(\downarrow M7_{+38})$

$8494 = 2^1 \bullet 31^1 \bullet 137^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M7_{+45}(\downarrow m2_{-45})^1 + \uparrow m2_{+18}(\downarrow M7_{-18})^1} = (1) + \uparrow m2_{-37}(\downarrow M7_{+37})$

$8495 = 5^1 \bullet 1699^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M6_{-23}(\downarrow m3_{+23})^1} = (1) + \uparrow m2_{-37}(\downarrow M7_{+37})$

$8496 = 2^4 \bullet 3^2 \bullet 59^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M7_{-41}(\downarrow m2_{+41})^1} = (1) + \uparrow m2_{-37}(\downarrow M7_{+37})$

$8497 = 29^1 \bullet 293^1 = \mathbf{(1) + \uparrow m7_{+30}(\downarrow M2_{-30})^1 + \uparrow M2_{+34}(\downarrow m7_{-34})^1} = (1) + \uparrow m2_{-37}(\downarrow M7_{+37})$

$8498 = 2^1 \bullet 7^1 \bullet 607^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m3_{-5}(\downarrow M6_{+5})^1} = (1) + \uparrow m2_{-37}(\downarrow M7_{+37})$

$8499 = 3^1 \bullet 2833^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{-38}(\downarrow tt_{+38})^1} = (1) + \uparrow m2_{-36}(\downarrow M7_{+36})$

$8500 = 2^2 \bullet 5^3 \bullet 17^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^3 + \uparrow m2_{+5}(\downarrow M7_{-5})^1} = (1) + \uparrow m2_{-36}(\downarrow M7_{+36})$

$8501 = 8501^{1} = \mathbf{(1) + \uparrow m2_{-36}(\downarrow M7_{+36})}$

$8502 = 2^{1}\bullet 3^{1}\bullet 13^{1}\bullet 109^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow M6_{+22}(\downarrow m3_{-22})^{1}} = (1) + \uparrow m2_{-36}(\downarrow M7_{+36})$

$8503 = 11^{1}\bullet 773^{1} = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow P5_{+13}(\downarrow P4_{-13})^{1}} = (1) + \uparrow m2_{-35}(\downarrow M7_{+35})$

$8504 = 2^{3}\bullet 1063^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow m2_{-35}(\downarrow M7_{+35})^{1}} = (1) + \uparrow m2_{-35}(\downarrow M7_{+35})$

$8505 = 3^{5}\bullet 5^{1}\bullet 7^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{5} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1}} = (1) + \uparrow m2_{-35}(\downarrow M7_{+35})$

$8506 = 2^{1}\bullet 4253^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m2_{-35}(\downarrow M7_{+35})^{1}} = (1) + \uparrow m2_{-35}(\downarrow M7_{+35})$

$8507 = 47^{1}\bullet 181^{1} = \mathbf{(1) + \uparrow P5_{-34}(\downarrow P4_{+34})^{1} + \uparrow tt_{+0}(\downarrow tt_{-0})^{1}} = (1) + \uparrow m2_{-35}(\downarrow M7_{+35})$

$8508 = 2^{2}\bullet 3^{1}\bullet 709^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{-36}(\downarrow tt_{+36})^{1}} = (1) + \uparrow m2_{-34}(\downarrow M7_{+34})$

$8509 = 67^{1}\bullet 127^{1} = \mathbf{(1) + \uparrow m2_{-21}(\downarrow M7_{+21})^{1} + \uparrow 8ve_{-14}(\downarrow uni_{+14})^{1}} = (1) + \uparrow m2_{-34}(\downarrow M7_{+34})$

$8510 = 2^{1}\bullet 5^{1}\bullet 23^{1}\bullet 37^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow m3_{-49}(\downarrow M6_{+49})^{1}} = (1) + \uparrow m2_{-34}(\downarrow M7_{+34})$

$8511 = 3^{1}\bullet 2837^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{-36}(\downarrow tt_{+36})^{1}} = (1) + \uparrow m2_{-34}(\downarrow M7_{+34})$

$8512 = 2^{6}\bullet 7^{1}\bullet 19^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{6} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1}} = (1) + \uparrow m2_{-34}(\downarrow M7_{+34})$

$8513 = 8513^{1} = \mathbf{(1) + \uparrow m2_{-33}(\downarrow M7_{+33})}$

$8514 = 2^{1}\bullet 3^{2}\bullet 11^{1}\bullet 43^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow P4_{+12}(\downarrow P5_{-12})^{1}} = (1) + \uparrow m2_{-33}(\downarrow M7_{+33})$

$8515 = 5^{1}\bullet 13^{1}\bullet 131^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow uni_{+40}(\downarrow 8ve_{-40})^{1}} = (1) + \uparrow m2_{-33}(\downarrow M7_{+33})$

$8516 = 2^{2}\bullet 2129^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m2_{-33}(\downarrow M7_{+33})^{1}} = (1) + \uparrow m2_{-33}(\downarrow M7_{+33})$

$8517 = 3^{1}\bullet 17^{1}\bullet 167^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow P4_{-40}(\downarrow P5_{+40})^{1}} = (1) + \uparrow m2_{-33}(\downarrow M7_{+33})$

$8518 = 2^{1}\bullet 4259^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m2_{-32}(\downarrow M7_{+32})^{1}} = (1) + \uparrow m2_{-32}(\downarrow M7_{+32})$

$8519 = 7^{1}\bullet 1217^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m3_{-1}(\downarrow M6_{+1})^{1}} = (1) + \uparrow m2_{-32}(\downarrow M7_{+32})$

$8520 = 2^{3}\bullet 3^{1}\bullet 5^{1}\bullet 71^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M2_{-20}(\downarrow m7_{+20})^{1}} = (1) + \uparrow m2_{-32}(\downarrow M7_{+32})$

$8521 = 8521^{1} = \mathbf{(1) + \uparrow m2_{-32}(\downarrow M7_{+32})}$

$8522 = 2^{1}\bullet 4261^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m2_{-32}(\downarrow M7_{+32})^{1}} = (1) + \uparrow m2_{-32}(\downarrow M7_{+32})$

$8523 = 3^{2}\bullet 947^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M7_{-35}(\downarrow m2_{+35})^{1}} = (1) + \uparrow m2_{-31}(\downarrow M7_{+31})$

$8524 = 2^{2}\bullet 2131^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m2_{-31}(\downarrow M7_{+31})^{1}} = (1) + \uparrow m2_{-31}(\downarrow M7_{+31})$

$8525 = 5^{2}\bullet 11^{1}\bullet 31^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1}} = (1) + \uparrow m2_{-31}(\downarrow M7_{+31})$

$8526 = 2^{1}\bullet 3^{1}\bullet 7^{2}\bullet 29^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{2} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1}} = (1) + \uparrow m2_{-31}(\downarrow M7_{+31})$

$8527 = 8527^{1} = \mathbf{(1) + \uparrow m2_{-31}(\downarrow M7_{+31})}$

$8528 = 2^{4}\bullet 13^{1}\bullet 41^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow M3_{+29}(\downarrow m6_{-29})^{1}} = (1) + \uparrow m2_{-30}(\downarrow M7_{+30})$

$8529 = 3^{1}\bullet 2843^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{-32}(\downarrow tt_{+32})^{1}} = (1) + \uparrow m2_{-30}(\downarrow M7_{+30})$

$8530 = 2^{1}\bullet 5^{1}\bullet 853^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M6_{-16}(\downarrow m3_{+16})^{1}} = (1) + \uparrow m2_{-30}(\downarrow M7_{+30})$

$8531 = 19^{1}\bullet 449^{1} = \mathbf{(1) + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow m7_{-27}(\downarrow M2_{+27})^{1}} = (1) + \uparrow m2_{-30}(\downarrow M7_{+30})$

$8532 = 2^{2}\bullet 3^{3}\bullet 79^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow M3_{-35}(\downarrow m6_{+35})^{1}} = (1) + \uparrow m2_{-30}(\downarrow M7_{+30})$

$8533 = 7^{1}\bullet 23^{1}\bullet 53^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow M6_{-26}(\downarrow m3_{+26})^{1}} = (1) + \uparrow m2_{-29}(\downarrow M7_{+29})$

$8534 = 2^{1}\bullet 17^{1}\bullet 251^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow 8ve_{-34}(\downarrow uni_{+34})^{1}} = (1) + \uparrow m2_{-29}(\downarrow M7_{+29})$

$8535 = 3^{1}\bullet 5^{1}\bullet 569^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M2_{-17}(\downarrow m7_{+17})^{1}} = (1) + \uparrow m2_{-29}(\downarrow M7_{+29})$

$8536 = 2^{3}\bullet 11^{1}\bullet 97^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow P5_{+20}(\downarrow P4_{-20})^{1}} = (1) + \uparrow m2_{-29}(\downarrow M7_{+29})$

$8537 = 8537^{1} = \mathbf{(1) + \uparrow m2_{-29}(\downarrow M7_{+29})}$

$8538 = 2^{1}\bullet 3^{1}\bullet 1423^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{-30}(\downarrow tt_{+30})^{1}} = (1) + \uparrow m2_{-28}(\downarrow M7_{+28})$

$8539 = 8539^{1} = \mathbf{(1) + \uparrow m2_{-28}(\downarrow M7_{+28})}$

$8540 = 2^{2}\bullet 5^{1}\bullet 7^{1}\bullet 61^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M7_{+17}(\downarrow m2_{-17})^{1}} = (1) + \uparrow m2_{-28}(\downarrow M7_{+28})$

$8541 = 3^{2}\bullet 13^{1}\bullet 73^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow M2_{+28}(\downarrow m7_{-28})^{1}} = (1) + \uparrow m2_{-28}(\downarrow M7_{+28})$

$8542 = 2^{1}\bullet 4271^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m2_{-28}(\downarrow M7_{+28})^{1}} = (1) + \uparrow m2_{-28}(\downarrow M7_{+28})$

$8543 = 8543^{1} = \mathbf{(1) + \uparrow m2_{-27}(\downarrow M7_{+27})}$

$8544 = 2^{5}\bullet 3^{1}\bullet 89^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{5} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{-29}(\downarrow tt_{+29})^{1}} = (1) + \uparrow m2_{-27}(\downarrow M7_{+27})$

$8545 = 5^{1}\bullet 1709^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M6_{-13}(\downarrow m3_{+13})^{1}} = (1) + \uparrow m2_{-27}(\downarrow M7_{+27})$

$8546 = 2^{1}\bullet 4273^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m2_{-27}(\downarrow M7_{+27})^{1}} = (1) + \uparrow m2_{-27}(\downarrow M7_{+27})$

$8547 = 3^{1}\bullet 7^{1}\bullet 11^{1}\bullet 37^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m3_{-49}(\downarrow M6_{+49})^{1}} = (1) + \uparrow m2_{-27}(\downarrow M7_{+27})$

$8548 = 2^{2}\bullet 2137^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m2_{-26}(\downarrow M7_{+26})^{1}} = (1) + \uparrow m2_{-26}(\downarrow M7_{+26})$

$8549 = 83^{1}\bullet 103^{1} = \mathbf{(1) + \uparrow P4_{-50}(\downarrow P5_{+50})^{1} + \uparrow m6_{+24}(\downarrow M3_{-24})^{1}} = (1) + \uparrow m2_{-26}(\downarrow M7_{+26})$

$8550 = 2^{1}\bullet 3^{2}\bullet 5^{2}\bullet 19^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1}} = (1) + \uparrow m2_{-26}(\downarrow M7_{+26})$

$8551 = 17^{1}\bullet 503^{1} = \mathbf{(1) + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow 8ve_{-31}(\downarrow uni_{+31})^{1}} = (1) + \uparrow m2_{-26}(\downarrow M7_{+26})$

$8552 = 2^{3}\bullet 1069^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow m2_{-26}(\downarrow M7_{+26})^{1}} = (1) + \uparrow m2_{-26}(\downarrow M7_{+26})$

$8553 = 3^{1}\bullet 2851^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{-27}(\downarrow tt_{+27})^{1}} = (1) + \uparrow m2_{-25}(\downarrow M7_{+25})$

$8554 = 2^{1}\bullet 7^{1}\bullet 13^{1}\bullet 47^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow P5_{-34}(\downarrow P4_{+34})^{1}} = (1) + \uparrow m2_{-25}(\downarrow M7_{+25})$

$8555 = 5^{1}\bullet 29^{1}\bullet 59^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1} + \uparrow M7_{-41}(\downarrow m2_{+41})^{1}} = (1) + \uparrow m2_{-25}(\downarrow M7_{+25})$

$8556 = 2^{2}\bullet 3^{1}\bullet 23^{1}\bullet 31^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1}} = (1) + \uparrow m2_{-25}(\downarrow M7_{+25})$

$8557 = 43^{1}\bullet 199^{1} = \mathbf{(1) + \uparrow P4_{+12}(\downarrow P5_{-12})^{1} + \uparrow m6_{-36}(\downarrow M3_{+36})^{1}} = (1) + \uparrow m2_{-25}(\downarrow M7_{+25})$

$8558 = 2^{1}\bullet 11^{1}\bullet 389^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow P5_{+24}(\downarrow P4_{-24})^{1}} = (1) + \uparrow m2_{-24}(\downarrow M7_{+24})$

$8559 = 3^{3}\bullet 317^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow M3_{-30}(\downarrow m6_{+30})^{1}} = (1) + \uparrow m2_{-24}(\downarrow M7_{+24})$

$8560 = 2^{4}\bullet 5^{1}\bullet 107^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M6_{-10}(\downarrow m3_{+10})^{1}} = (1) + \uparrow m2_{-24}(\downarrow M7_{+24})$

$8561 = 7^{1}\bullet 1223^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m3_{+7}(\downarrow M6_{-7})^{1}} = (1) + \uparrow m2_{-24}(\downarrow M7_{+24})$

$8562 = 2^{1}\bullet 3^{1}\bullet 1427^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{-25}(\downarrow tt_{+25})^{1}} = (1) + \uparrow m2_{-24}(\downarrow M7_{+24})$

$8563 = 8563^{1} = \mathbf{(1) + \uparrow m2_{-23}(\downarrow M7_{+23})}$

$8564 = 2^{2}\bullet 2141^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m2_{-23}(\downarrow M7_{+23})^{1}} = (1) + \uparrow m2_{-23}(\downarrow M7_{+23})$

$8565 = 3^{1}\bullet 5^{1}\bullet 571^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M2_{-11}(\downarrow m7_{+11})^{1}} = (1) + \uparrow m2_{-23}(\downarrow M7_{+23})$

$8566 = 2^{1}\bullet 4283^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m2_{-23}(\downarrow M7_{+23})^{1}} = (1) + \uparrow m2_{-23}(\downarrow M7_{+23})$

$8567 = 13^{1}\bullet 659^{1} = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow M3_{+37}(\downarrow m6_{-37})^{1}} = (1) + \uparrow m2_{-23}(\downarrow M7_{+23})$

$8568 = 2^{3}\bullet 3^{2}\bullet 7^{1}\bullet 17^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1}} = (1) + \uparrow m2_{-22}(\downarrow M7_{+22})$

$8569 = 11^{1}\bullet 19^{1}\bullet 41^{1} = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow M3_{+29}(\downarrow m6_{-29})^{1}} = (1) + \uparrow m2_{-22}(\downarrow M7_{+22})$

$8570 = 2^{1}\bullet 5^{1}\bullet 857^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M6_{-8}(\downarrow m3_{+8})^{1}} = (1) + \uparrow m2_{-22}(\downarrow M7_{+22})$

$8571 = 3^{1}\bullet 2857^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{-24}(\downarrow tt_{+24})^{1}} = (1) + \uparrow m2_{-22}(\downarrow M7_{+22})$

$8572 = 2^{2}\bullet 2143^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m2_{-22}(\downarrow M7_{+22})^{1}} = (1) + \uparrow m2_{-22}(\downarrow M7_{+22})$

$8573 = 8573^{1} = \mathbf{(1) + \uparrow m2_{-21}(\downarrow M7_{+21})}$

$8574 = 2^{1}\bullet 3^{1}\bullet 1429^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{-23}(\downarrow tt_{+23})^{1}} = (1) + \uparrow m2_{-21}(\downarrow M7_{+21})$

$8575 = 5^{2}\bullet 7^{3} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{3}} = (1) + \uparrow m2_{-21}(\downarrow M7_{+21})$

$8576 = 2^{7}\bullet 67^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{7} + \uparrow m2_{-21}(\downarrow M7_{+21})^{1}} = (1) + \uparrow m2_{-21}(\downarrow M7_{+21})$

$8577 = 3^{2}\bullet 953^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M7_{-24}(\downarrow m2_{+24})^{1}} = (1) + \uparrow m2_{-20}(\downarrow M7_{+20})$

$8578 = 2^{1}\bullet 4289^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m2_{-20}(\downarrow M7_{+20})^{1}} = (1) + \uparrow m2_{-20}(\downarrow M7_{+20})$

$8579 = 23^{1}\bullet 373^{1} = \mathbf{(1) + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow P5_{-48}(\downarrow P4_{+48})^{1}} = (1) + \uparrow m2_{-20}(\downarrow M7_{+20})$

$8580 = 2^{2}\bullet 3^{1}\bullet 5^{1}\bullet 11^{1}\bullet 13^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1}} =$

$(1) + \uparrow m2_{-20}(\downarrow M7_{+20})$

$8581 = 8581^{1} = \mathbf{(1) + \uparrow m2_{-20}(\downarrow M7_{+20})}$

$8582 = 2^{1}\bullet 7^{1}\bullet 613^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m3_{+12}(\downarrow M6_{-12})^{1}} = (1) + \uparrow m2_{-19}(\downarrow M7_{+19})$

$8583 = 3^{1}\bullet 2861^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{-21}(\downarrow tt_{+21})^{1}} = (1) + \uparrow m2_{-19}(\downarrow M7_{+19})$

$8584 = 2^3 \bullet 29^1 \bullet 37^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow m7_{+30}(\downarrow M2_{-30})^1 + \uparrow m3_{-49}(\downarrow M6_{+49})^1} = (1) + \uparrow m2_{-19}(\downarrow M7_{+19})$

$8585 = 5^1 \bullet 17^1 \bullet 101^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow m6_{-10}(\downarrow M3_{+10})^1} = (1) + \uparrow m2_{-19}(\downarrow M7_{+19})$

$8586 = 2^1 \bullet 3^4 \bullet 53^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^4 + \uparrow M6_{-26}(\downarrow m3_{+26})^1} = (1) + \uparrow m2_{-19}(\downarrow M7_{+19})$

$8587 = 31^1 \bullet 277^1 = \mathbf{(1) + \uparrow M7_{+45}(\downarrow m2_{-45})^1 + \uparrow m2_{+36}(\downarrow M7_{-36})^1} = (1) + \uparrow m2_{-18}(\downarrow M7_{+18})$

$8588 = 2^2 \bullet 19^1 \bullet 113^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow m7_{-16}(\downarrow M2_{+16})^1} = (1) + \uparrow m2_{-18}(\downarrow M7_{+18})$

$8589 = 3^1 \bullet 7^1 \bullet 409^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m6_{+11}(\downarrow M3_{-11})^1} = (1) + \uparrow m2_{-18}(\downarrow M7_{+18})$

$8590 = 2^1 \bullet 5^1 \bullet 859^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M6_{-4}(\downarrow m3_{+4})^1} = (1) + \uparrow m2_{-18}(\downarrow M7_{+18})$

$8591 = 11^2 \bullet 71^1 = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^2 + \uparrow M2_{-20}(\downarrow m7_{+20})^1} = (1) + \uparrow m2_{-18}(\downarrow M7_{+18})$

$8592 = 2^4 \bullet 3^1 \bullet 179^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{-19}(\downarrow tt_{+19})^1} = (1) + \uparrow m2_{-17}(\downarrow M7_{+17})$

$8593 = 13^1 \bullet 661^1 = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow M3_{+42}(\downarrow m6_{-42})^1} = (1) + \uparrow m2_{-17}(\downarrow M7_{+17})$

$8594 = 2^1 \bullet 4297^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m2_{-17}(\downarrow M7_{+17})^1} = (1) + \uparrow m2_{-17}(\downarrow M7_{+17})$

$8595 = 3^2 \bullet 5^1 \bullet 191^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow P5_{-7}(\downarrow P4_{+7})^1} = (1) + \uparrow m2_{-17}(\downarrow M7_{+17})$

$8596 = 2^2 \bullet 7^1 \bullet 307^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m3_{+15}(\downarrow M6_{-15})^1} = (1) + \uparrow m2_{-17}(\downarrow M7_{+17})$

$8597 = 8597^1 = \mathbf{(1) + \uparrow m2_{-16}(\downarrow M7_{+16})}$

$8598 = 2^1 \bullet 3^1 \bullet 1433^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{-18}(\downarrow tt_{+18})^1} = (1) + \uparrow m2_{-16}(\downarrow M7_{+16})$

$8599 = 8599^1 = \mathbf{(1) + \uparrow m2_{-16}(\downarrow M7_{+16})}$

$8600 = 2^3 \bullet 5^2 \bullet 43^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow P4_{+12}(\downarrow P5_{-12})^1} = (1) + \uparrow m2_{-16}(\downarrow M7_{+16})$

$8601 = 3^1 \bullet 47^1 \bullet 61^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow P5_{-34}(\downarrow P4_{+34})^1 + \uparrow M7_{+17}(\downarrow m2_{-17})^1} = (1) + \uparrow m2_{-16}(\downarrow M7_{+16})$

$8602 = 2^1 \bullet 11^1 \bullet 17^1 \bullet 23^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1} = (1) + \uparrow m2_{-15}(\downarrow M7_{+15})$

$8603 = 7^1 \bullet 1229^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m3_{+16}(\downarrow M6_{-16})^1} = (1) + \uparrow m2_{-15}(\downarrow M7_{+15})$

$8604 = 2^2 \bullet 3^2 \bullet 239^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M7_{-19}(\downarrow m2_{+19})^1} = (1) + \uparrow m2_{-15}(\downarrow M7_{+15})$

$8605 = 5^1 \bullet 1721^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M6_{-1}(\downarrow m3_{+1})^1} = (1) + \uparrow m2_{-15}(\downarrow M7_{+15})$

$8606 = 2^1 \bullet 13^1 \bullet 331^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow M3_{+45}(\downarrow m6_{-45})^1} = (1) + \uparrow m2_{-15}(\downarrow M7_{+15})$

$8607 = 3^1 \bullet 19^1 \bullet 151^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow m3_{-14}(\downarrow M6_{+14})^1} = (1) + \uparrow m2_{-14}(\downarrow M7_{+14})$

$8608 = 2^5 \bullet 269^1 = \mathbf{(1) + \updownarrow 8ve(uni)^5 + \uparrow m2_{-14}(\downarrow M7_{+14})^1} = (1) + \uparrow m2_{-14}(\downarrow M7_{+14})$

$8609 = 8609^1 = \mathbf{(1) + \uparrow m2_{-14}(\downarrow M7_{+14})}$

$8610 = 2^1 \bullet 3^1 \bullet 5^1 \bullet 7^1 \bullet 41^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M3_{+29}(\downarrow m6_{-29})^1} =$

$(1) + \uparrow m2_{-14}(\downarrow M7_{+14})$

$8611 = 79^1 \bullet 109^1 = \mathbf{(1) + \uparrow M3_{-35}(\downarrow m6_{+35})^1 + \uparrow M6_{+22}(\downarrow m3_{-22})^1} = (1) + \uparrow m2_{-14}(\downarrow M7_{+14})$

$8612 = 2^2 \bullet 2153^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m2_{-13}(\downarrow M7_{+13})^1} = (1) + \uparrow m2_{-13}(\downarrow M7_{+13})$

$8613 = 3^3 \bullet 11^1 \bullet 29^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1} = (1) + \uparrow m2_{-13}(\downarrow M7_{+13})$

$8614 = 2^1 \bullet 59^1 \bullet 73^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M7_{-41}(\downarrow m2_{+41})^1 + \uparrow M2_{+28}(\downarrow m7_{-28})^1} = (1) + \uparrow m2_{-13}(\downarrow M7_{+13})$

$8615 = 5^1 \bullet 1723^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M6_{+1}(\downarrow m3_{-1})^1} = (1) + \uparrow m2_{-13}(\downarrow M7_{+13})$

$8616 = 2^3 \bullet 3^1 \bullet 359^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{-15}(\downarrow tt_{+15})^1} = (1) + \uparrow m2_{-13}(\downarrow M7_{+13})$

$8617 = 7^1 \bullet 1231^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m3_{+19}(\downarrow M6_{-19})^1} = (1) + \uparrow m2_{-12}(\downarrow M7_{+12})$

$8618 = 2^1 \bullet 31^1 \bullet 139^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M7_{+45}(\downarrow m2_{-45})^1 + \uparrow m2_{+43}(\downarrow M7_{-43})^1} = (1) + \uparrow m2_{-12}(\downarrow M7_{+12})$

$8619 = 3^1 \bullet 13^2 \bullet 17^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^2 + \uparrow m2_{+5}(\downarrow M7_{-5})^1} = (1) + \uparrow m2_{-12}(\downarrow M7_{+12})$

$8620 = 2^2 \bullet 5^1 \bullet 431^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M6_{+2}(\downarrow m3_{-2})^1} = (1) + \uparrow m2_{-12}(\downarrow M7_{+12})$

$8621 = 37^1 \bullet 233^1 = \mathbf{(1) + \uparrow m3_{-49}(\downarrow M6_{+49})^1 + \uparrow m7_{+37}(\downarrow M2_{-37})^1} = (1) + \uparrow m2_{-12}(\downarrow M7_{+12})$

$8622 = 2^1 \bullet 3^2 \bullet 479^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M7_{-15}(\downarrow m2_{+15})^1} = (1) + \uparrow m2_{-11}(\downarrow M7_{+11})$

$8623 = 8623^1 = \mathbf{(1) + \uparrow m2_{-11}(\downarrow M7_{+11})}$

$8624 = 2^4 \bullet 7^2 \bullet 11^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow m7_{-31}(\downarrow M2_{+31})^2 + \uparrow tt_{-49}(\downarrow tt_{+49})^1} = (1) + \uparrow m2_{-11}(\downarrow M7_{+11})$

$8625 = 3^{1}\bullet5^{3}\bullet23^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{3} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1}} = (1) + \uparrow m2_{-11}(\downarrow M7_{+11})$

$8626 = 2^{1}\bullet19^{1}\bullet227^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow m7_{-8}(\downarrow M2_{+8})^{1}} = (1) + \uparrow m2_{-11}(\downarrow M7_{+11})$

$8627 = 8627^{1} = \mathbf{(1) + \uparrow m2_{-10}(\downarrow M7_{+10})}$

$8628 = 2^{2}\bullet3^{1}\bullet719^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{-12}(\downarrow tt_{+12})^{1}} = (1) + \uparrow m2_{-10}(\downarrow M7_{+10})$

$8629 = 8629^{1} = \mathbf{(1) + \uparrow m2_{-10}(\downarrow M7_{+10})}$

$8630 = 2^{1}\bullet5^{1}\bullet863^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M6_{+4}(\downarrow m3_{-4})^{1}} = (1) + \uparrow m2_{-10}(\downarrow M7_{+10})$

$8631 = 3^{2}\bullet7^{1}\bullet137^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m2_{+18}(\downarrow M7_{-18})^{1}} = (1) + \uparrow m2_{-10}(\downarrow M7_{+10})$

$8632 = 2^{3}\bullet13^{1}\bullet83^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow P4_{-50}(\downarrow P5_{+50})^{1}} = (1) + \uparrow m2_{-9}(\downarrow M7_{+9})$

$8633 = 89^{1}\bullet97^{1} = \mathbf{(1) + \uparrow tt_{-29}(\downarrow tt_{+29})^{1} + \uparrow P5_{+20}(\downarrow P4_{-20})^{1}} = (1) + \uparrow m2_{-9}(\downarrow M7_{+9})$

$8634 = 2^{1}\bullet3^{1}\bullet1439^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{-11}(\downarrow tt_{+11})^{1}} = (1) + \uparrow m2_{-9}(\downarrow M7_{+9})$

$8635 = 5^{1}\bullet11^{1}\bullet157^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow M3_{-46}(\downarrow m6_{+46})^{1}} = (1) + \uparrow m2_{-9}(\downarrow M7_{+9})$

$8636 = 2^{2}\bullet17^{1}\bullet127^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow 8ve_{-14}(\downarrow uni_{+14})^{1}} = (1) + \uparrow m2_{-9}(\downarrow M7_{+9})$

$8637 = 3^{1}\bullet2879^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{-10}(\downarrow tt_{+10})^{1}} = (1) + \uparrow m2_{-8}(\downarrow M7_{+8})$

$8638 = 2^{1}\bullet7^{1}\bullet617^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m3_{+23}(\downarrow M6_{-23})^{1}} = (1) + \uparrow m2_{-8}(\downarrow M7_{+8})$

$8639 = 53^{1}\bullet163^{1} = \mathbf{(1) + \uparrow M6_{-26}(\downarrow m3_{+26})^{1} + \uparrow M3_{+18}(\downarrow m6_{-18})^{1}} = (1) + \uparrow m2_{-8}(\downarrow M7_{+8})$

$8640 = 2^{6}\bullet3^{3}\bullet5^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{6} + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1}} = (1) + \uparrow m2_{-8}(\downarrow M7_{+8})$

$8641 = 8641^{1} = \mathbf{(1) + \uparrow m2_{-8}(\downarrow M7_{+8})}$

$8642 = 2^{1}\bullet29^{1}\bullet149^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1} + \uparrow m3_{-37}(\downarrow M6_{+37})^{1}} = (1) + \uparrow m2_{-7}(\downarrow M7_{+7})$

$8643 = 3^{1}\bullet43^{1}\bullet67^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow P4_{+12}(\downarrow P5_{-12})^{1} + \uparrow m2_{-21}(\downarrow M7_{+21})^{1}} = (1) + \uparrow m2_{-7}(\downarrow M7_{+7})$

$8644 = 2^{2}\bullet2161^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m2_{-7}(\downarrow M7_{+7})^{1}} = (1) + \uparrow m2_{-7}(\downarrow M7_{+7})$

$8645 = 5^{1}\bullet7^{1}\bullet13^{1}\bullet19^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1}} = (1) + \uparrow m2_{-7}(\downarrow M7_{+7})$

$8646 = 2^{1}\bullet3^{1}\bullet11^{1}\bullet131^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow uni_{+40}(\downarrow 8ve_{-40})^{1}} = (1) + \uparrow m2_{-7}(\downarrow M7_{+7})$

$8647 = 8647^{1} = \mathbf{(1) + \uparrow m2_{-6}(\downarrow M7_{+6})}$

$8648 = 2^{3}\bullet23^{1}\bullet47^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow P5_{-34}(\downarrow P4_{+34})^{1}} = (1) + \uparrow m2_{-6}(\downarrow M7_{+6})$

$8649 = 3^{2}\bullet31^{2} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M7_{+45}(\downarrow m2_{-45})^{2}} = (1) + \uparrow m2_{-6}(\downarrow M7_{+6})$

$8650 = 2^{1}\bullet5^{2}\bullet173^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow P4_{+22}(\downarrow P5_{-22})^{1}} = (1) + \uparrow m2_{-6}(\downarrow M7_{+6})$

$8651 = 41^{1}\bullet211^{1} = \mathbf{(1) + \uparrow M3_{+29}(\downarrow m6_{-29})^{1} + \uparrow M6_{-35}(\downarrow m3_{+35})^{1}} = (1) + \uparrow m2_{-6}(\downarrow M7_{+6})$

$8652 = 2^{2}\bullet3^{1}\bullet7^{1}\bullet103^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m6_{+24}(\downarrow M3_{-24})^{1}} = (1) + \uparrow m2_{-5}(\downarrow M7_{+5})$

$8653 = 17^{1}\bullet509^{1} = \mathbf{(1) + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow 8ve_{-10}(\downarrow uni_{+10})^{1}} = (1) + \uparrow m2_{-5}(\downarrow M7_{+5})$

$8654 = 2^{1}\bullet4327^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m2_{-5}(\downarrow M7_{+5})^{1}} = (1) + \uparrow m2_{-5}(\downarrow M7_{+5})$

$8655 = 3^{1}\bullet5^{1}\bullet577^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M2_{+7}(\downarrow m7_{-7})^{1}} = (1) + \uparrow m2_{-5}(\downarrow M7_{+5})$

$8656 = 2^{4}\bullet541^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow m2_{-5}(\downarrow M7_{+5})^{1}} = (1) + \uparrow m2_{-5}(\downarrow M7_{+5})$

$8657 = 11^{1}\bullet787^{1} = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow P5_{+44}(\downarrow P4_{-44})^{1}} = (1) + \uparrow m2_{-4}(\downarrow M7_{+4})$

$8658 = 2^{1}\bullet3^{2}\bullet13^{1}\bullet37^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m3_{-49}(\downarrow M6_{+49})^{1}} = (1) + \uparrow m2_{-4}(\downarrow M7_{+4})$

$8659 = 7^{1}\bullet1237^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m3_{+27}(\downarrow M6_{-27})^{1}} = (1) + \uparrow m2_{-4}(\downarrow M7_{+4})$

$8660 = 2^{2}\bullet5^{1}\bullet433^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M6_{+10}(\downarrow m3_{-10})^{1}} = (1) + \uparrow m2_{-4}(\downarrow M7_{+4})$

$8661 = 3^{1}\bullet2887^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{-6}(\downarrow tt_{+6})^{1}} = (1) + \uparrow m2_{-4}(\downarrow M7_{+4})$

$8662 = 2^{1}\bullet61^{1}\bullet71^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M7_{+17}(\downarrow m2_{-17})^{1} + \uparrow M2_{-20}(\downarrow m7_{+20})^{1}} = (1) + \uparrow m2_{-3}(\downarrow M7_{+3})$

$8663 = 8663^{1} = \mathbf{(1) + \uparrow m2_{-3}(\downarrow M7_{+3})}$

$8664 = 2^{3}\bullet3^{1}\bullet19^{2} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{2}} = (1) + \uparrow m2_{-3}(\downarrow M7_{+3})$

$8665 = 5^{1}\bullet1733^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M6_{+11}(\downarrow m3_{-11})^{1}} = (1) + \uparrow m2_{-3}(\downarrow M7_{+3})$

$8666 = 2^{1}\bullet7^{1}\bullet619^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m3_{+29}(\downarrow M6_{-29})^{1}} = (1) + \uparrow m2_{-3}(\downarrow M7_{+3})$

$8667 = 3^{4}\bullet 107^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{4} + \uparrow M6_{-10}(\downarrow m3_{+10})^{1}} = (1) + \uparrow m2_{-2}(\downarrow M7_{+2})$

$8668 = 2^{2}\bullet 11^{1}\bullet 197^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow P5_{+46}(\downarrow P4_{-46})^{1}} = (1) + \uparrow m2_{-2}(\downarrow M7_{+2})$

$8669 = 8669^{1} = \mathbf{(1) + \uparrow m2_{-2}(\downarrow M7_{+2})}$

$8670 = 2^{1}\bullet 3^{1}\bullet 5^{1}\bullet 17^{2} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{2}} = (1) + \uparrow m2_{-2}(\downarrow M7_{+2})$

$8671 = 13^{1}\bullet 23^{1}\bullet 29^{1} = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1}} = (1) + \uparrow m2_{-2}(\downarrow M7_{+2})$

$8672 = 2^{5}\bullet 271^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{5} + \uparrow m2_{-1}(\downarrow M7_{+1})^{1}} = (1) + \uparrow m2_{-1}(\downarrow M7_{+1})$

$8673 = 3^{1}\bullet 7^{2}\bullet 59^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{2} + \uparrow M7_{-41}(\downarrow m2_{+41})^{1}} = (1) + \uparrow m2_{-1}(\downarrow M7_{+1})$

$8674 = 2^{1}\bullet 4337^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m2_{-1}(\downarrow M7_{+1})^{1}} = (1) + \uparrow m2_{-1}(\downarrow M7_{+1})$

$8675 = 5^{2}\bullet 347^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow P4_{+27}(\downarrow P5_{-27})^{1}} = (1) + \uparrow m2_{-1}(\downarrow M7_{+1})$

$8676 = 2^{2}\bullet 3^{2}\bullet 241^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M7_{-5}(\downarrow m2_{+5})^{1}} = (1) + \uparrow m2_{-1}(\downarrow M7_{+1})$

$8677 = 8677^{1} = \mathbf{(1) + \uparrow m2_{+0}(\downarrow M7_{-0})}$

$8678 = 2^{1}\bullet 4339^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m2_{+0}(\downarrow M7_{-0})^{1}} = (1) + \uparrow m2_{+0}(\downarrow M7_{-0})$

$8679 = 3^{1}\bullet 11^{1}\bullet 263^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow uni_{+47}(\downarrow 8ve_{-47})^{1}} = (1) + \uparrow m2_{+0}(\downarrow M7_{-0})$

$8680 = 2^{3}\bullet 5^{1}\bullet 7^{1}\bullet 31^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1}} = (1) + \uparrow m2_{+0}(\downarrow M7_{-0})$

$8681 = 8681^{1} = \mathbf{(1) + \uparrow m2_{+0}(\downarrow M7_{-0})}$

$8682 = 2^{1}\bullet 3^{1}\bullet 1447^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{-1}(\downarrow tt_{+1})^{1}} = (1) + \uparrow m2_{+1}(\downarrow M7_{-1})$

$8683 = 19^{1}\bullet 457^{1} = \mathbf{(1) + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow m7_{+3}(\downarrow M2_{-3})^{1}} = (1) + \uparrow m2_{+1}(\downarrow M7_{-1})$

$8684 = 2^{2}\bullet 13^{1}\bullet 167^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow P4_{-40}(\downarrow P5_{+40})^{1}} = (1) + \uparrow m2_{+1}(\downarrow M7_{-1})$

$8685 = 3^{2}\bullet 5^{1}\bullet 193^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow P5_{+11}(\downarrow P4_{-11})^{1}} = (1) + \uparrow m2_{+1}(\downarrow M7_{-1})$

$8686 = 2^{1}\bullet 43^{1}\bullet 101^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P4_{+12}(\downarrow P5_{-12})^{1} + \uparrow m6_{-10}(\downarrow M3_{+10})^{1}} = (1) + \uparrow m2_{+1}(\downarrow M7_{-1})$

$8687 = 7^{1}\bullet 17^{1}\bullet 73^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow M2_{+28}(\downarrow m7_{-28})^{1}} = (1) + \uparrow m2_{+2}(\downarrow M7_{-2})$

$8688 = 2^{4}\bullet 3^{1}\bullet 181^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{+0}(\downarrow tt_{-0})^{1}} = (1) + \uparrow m2_{+2}(\downarrow M7_{-2})$

$8689 = 8689^{1} = \mathbf{(1) + \uparrow m2_{+2}(\downarrow M7_{-2})}$

$8690 = 2^{1}\bullet 5^{1}\bullet 11^{1}\bullet 79^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow M3_{-35}(\downarrow m6_{+35})^{1}} = (1) + \uparrow m2_{+2}(\downarrow M7_{-2})$

$8691 = 3^{1}\bullet 2897^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{+0}(\downarrow tt_{-0})^{1}} = (1) + \uparrow m2_{+2}(\downarrow M7_{-2})$

$8692 = 2^{2}\bullet 41^{1}\bullet 53^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M3_{+29}(\downarrow m6_{-29})^{1} + \uparrow M6_{-26}(\downarrow m3_{+26})^{1}} = (1) + \uparrow m2_{+3}(\downarrow M7_{-3})$

$8693 = 8693^{1} = \mathbf{(1) + \uparrow m2_{+3}(\downarrow M7_{-3})}$

$8694 = 2^{1}\bullet 3^{3}\bullet 7^{1}\bullet 23^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1}} = (1) + \uparrow m2_{+3}(\downarrow M7_{-3})$

$8695 = 5^{1}\bullet 37^{1}\bullet 47^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m3_{-49}(\downarrow M6_{+49})^{1} + \uparrow P5_{-34}(\downarrow P4_{+34})^{1}} = (1) + \uparrow m2_{+3}(\downarrow M7_{-3})$

$8696 = 2^{3}\bullet 1087^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow m2_{+3}(\downarrow M7_{-3})^{1}} = (1) + \uparrow m2_{+3}(\downarrow M7_{-3})$

$8697 = 3^{1}\bullet 13^{1}\bullet 223^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m7_{-39}(\downarrow M2_{+39})^{1}} = (1) + \uparrow m2_{+4}(\downarrow M7_{-4})$

$8698 = 2^{1}\bullet 4349^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m2_{+4}(\downarrow M7_{-4})^{1}} = (1) + \uparrow m2_{+4}(\downarrow M7_{-4})$

$8699 = 8699^{1} = \mathbf{(1) + \uparrow m2_{+4}(\downarrow M7_{-4})}$

$8700 = 2^{2}\bullet 3^{1}\bullet 5^{2}\bullet 29^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1}} = (1) + \uparrow m2_{+4}(\downarrow M7_{-4})$

$8701 = 7^{1}\bullet 11^{1}\bullet 113^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m7_{-16}(\downarrow M2_{+16})^{1}} = (1) + \uparrow m2_{+4}(\downarrow M7_{-4})$

$8702 = 2^{1}\bullet 19^{1}\bullet 229^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow m7_{+7}(\downarrow M2_{-7})^{1}} = (1) + \uparrow m2_{+5}(\downarrow M7_{-5})$

$8703 = 3^{2}\bullet 967^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M7_{+1}(\downarrow m2_{-1})^{1}} = (1) + \uparrow m2_{+5}(\downarrow M7_{-5})$

$8704 = 2^{9}\bullet 17^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{9} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1}} = (1) + \uparrow m2_{+5}(\downarrow M7_{-5})$

$8705 = 5^{1}\bullet 1741^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M6_{+19}(\downarrow m3_{-19})^{1}} = (1) + \uparrow m2_{+5}(\downarrow M7_{-5})$

$8706 = 2^{1}\bullet 3^{1}\bullet 1451^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{+3}(\downarrow tt_{-3})^{1}} = (1) + \uparrow m2_{+5}(\downarrow M7_{-5})$

$8707 = 8707^{1} = \mathbf{(1) + \uparrow m2_{+6}(\downarrow M7_{-6})}$

$8708 = 2^{2}\bullet 7^{1}\bullet 311^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m3_{+37}(\downarrow M6_{-37})^{1}} = (1) + \uparrow m2_{+6}(\downarrow M7_{-6})$

$8709 = 3^{1}\bullet 2903^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{+4}(\downarrow tt_{-4})^{1}} = (1) + \uparrow m2_{+6}(\downarrow M7_{-6})$

$8710 = 2^{1}\bullet 5^{1}\bullet 13^{1}\bullet 67^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m2_{-21}(\downarrow M7_{+21})^{1}} = (1) + \uparrow m2_{+6}(\downarrow M7_{-6})$

$8711 = 31^{1}\bullet 281^{1} = \mathbf{(1) + \uparrow M7_{+45}(\downarrow m2_{-45})^{1} + \uparrow M2_{-39}(\downarrow m7_{+39})^{1}} = (1) + \uparrow m2_{+6}(\downarrow M7_{-6})$

$8712 = 2^{3}\bullet 3^{2}\bullet 11^{2} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow tt_{-49}(\downarrow tt_{+49})^{2}} = (1) + \uparrow m2_{+7}(\downarrow M7_{-7})$

$8713 = 8713^{1} = \mathbf{(1) + \uparrow m2_{+7}(\downarrow M7_{-7})}$

$8714 = 2^{1}\bullet 4357^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m2_{+7}(\downarrow M7_{-7})^{1}} = (1) + \uparrow m2_{+7}(\downarrow M7_{-7})$

$8715 = 3^{1}\bullet 5^{1}\bullet 7^{1}\bullet 83^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow P4_{-50}(\downarrow P5_{+50})^{1}} = (1) + \uparrow m2_{+7}(\downarrow M7_{-7})$

$8716 = 2^{2}\bullet 2179^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m2_{+7}(\downarrow M7_{-7})^{1}} = (1) + \uparrow m2_{+7}(\downarrow M7_{-7})$

$8717 = 23^{1}\bullet 379^{1} = \mathbf{(1) + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow P5_{-21}(\downarrow P4_{+21})^{1}} = (1) + \uparrow m2_{+8}(\downarrow M7_{-8})$

$8718 = 2^{1}\bullet 3^{1}\bullet 1453^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{+6}(\downarrow tt_{-6})^{1}} = (1) + \uparrow m2_{+8}(\downarrow M7_{-8})$

$8719 = 8719^{1} = \mathbf{(1) + \uparrow m2_{+8}(\downarrow M7_{-8})}$

$8720 = 2^{4}\bullet 5^{1}\bullet 109^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M6_{+22}(\downarrow m3_{-22})^{1}} = (1) + \uparrow m2_{+8}(\downarrow M7_{-8})$

$8721 = 3^{3}\bullet 17^{1}\bullet 19^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1}} = (1) + \uparrow m2_{+8}(\downarrow M7_{-8})$

$8722 = 2^{1}\bullet 7^{2}\bullet 89^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{2} + \uparrow tt_{-29}(\downarrow tt_{+29})^{1}} = (1) + \uparrow m2_{+9}(\downarrow M7_{-9})$

$8723 = 11^{1}\bullet 13^{1}\bullet 61^{1} = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow M7_{+17}(\downarrow m2_{-17})^{1}} = (1) + \uparrow m2_{+9}(\downarrow M7_{-9})$

$8724 = 2^{2}\bullet 3^{1}\bullet 727^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{+7}(\downarrow tt_{-7})^{1}} = (1) + \uparrow m2_{+9}(\downarrow M7_{-9})$

$8725 = 5^{2}\bullet 349^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow P4_{+36}(\downarrow P5_{-36})^{1}} = (1) + \uparrow m2_{+9}(\downarrow M7_{-9})$

$8726 = 2^{1}\bullet 4363^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m2_{+9}(\downarrow M7_{-9})^{1}} = (1) + \uparrow m2_{+9}(\downarrow M7_{-9})$

$8727 = 3^{1}\bullet 2909^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{+8}(\downarrow tt_{-8})^{1}} = (1) + \uparrow m2_{+10}(\downarrow M7_{-10})$

$8728 = 2^{3}\bullet 1091^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow m2_{+10}(\downarrow M7_{-10})^{1}} = (1) + \uparrow m2_{+10}(\downarrow M7_{-10})$

$8729 = 7^{1}\bullet 29^{1}\bullet 43^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1} + \uparrow P4_{+12}(\downarrow P5_{-12})^{1}} = (1) + \uparrow m2_{+10}(\downarrow M7_{-10})$

$8730 = 2^{1}\bullet 3^{2}\bullet 5^{1}\bullet 97^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow P5_{+20}(\downarrow P4_{-20})^{1}} = (1) + \uparrow m2_{+10}(\downarrow M7_{-10})$

$8731 = 8731^{1} = \mathbf{(1) + \uparrow m2_{+10}(\downarrow M7_{-10})}$

$8732 = 2^{2}\bullet 37^{1}\bullet 59^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m3_{-49}(\downarrow M6_{+49})^{1} + \uparrow M7_{-41}(\downarrow m2_{+41})^{1}} = (1) + \uparrow m2_{+11}(\downarrow M7_{-11})$

$8733 = 3^{1}\bullet 41^{1}\bullet 71^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{+29}(\downarrow m6_{-29})^{1} + \uparrow M2_{-20}(\downarrow m7_{+20})^{1}} = (1) + \uparrow m2_{+11}(\downarrow M7_{-11})$

$8734 = 2^{1}\bullet 11^{1}\bullet 397^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m6_{-40}(\downarrow M3_{+40})^{1}} = (1) + \uparrow m2_{+11}(\downarrow M7_{-11})$

$8735 = 5^{1}\bullet 1747^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M6_{+25}(\downarrow m3_{-25})^{1}} = (1) + \uparrow m2_{+11}(\downarrow M7_{-11})$

$8736 = 2^{5}\bullet 3^{1}\bullet 7^{1}\bullet 13^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{5} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1}} = (1) + \uparrow m2_{+11}(\downarrow M7_{-11})$

$8737 = 8737^{1} = \mathbf{(1) + \uparrow m2_{+12}(\downarrow M7_{-12})}$

$8738 = 2^{1}\bullet 17^{1}\bullet 257^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow uni_{+7}(\downarrow 8ve_{-7})^{1}} = (1) + \uparrow m2_{+12}(\downarrow M7_{-12})$

$8739 = 3^{2}\bullet 971^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M7_{+8}(\downarrow m2_{-8})^{1}} = (1) + \uparrow m2_{+12}(\downarrow M7_{-12})$

$8740 = 2^{2}\bullet 5^{1}\bullet 19^{1}\bullet 23^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1}} = (1) + \uparrow m2_{+12}(\downarrow M7_{-12})$

$8741 = 8741^{1} = \mathbf{(1) + \uparrow m2_{+12}(\downarrow M7_{-12})}$

$8742 = 2^{1}\bullet 3^{1}\bullet 31^{1}\bullet 47^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1} + \uparrow P5_{-34}(\downarrow P4_{+34})^{1}} = (1) + \uparrow m2_{+12}(\downarrow M7_{-12})$

$8743 = 7^{1}\bullet 1249^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m3_{+44}(\downarrow M6_{-44})^{1}} = (1) + \uparrow m2_{+13}(\downarrow M7_{-13})$

$8744 = 2^{3}\bullet 1093^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow m2_{+13}(\downarrow M7_{-13})^{1}} = (1) + \uparrow m2_{+13}(\downarrow M7_{-13})$

$8745 = 3^{1}\bullet 5^{1}\bullet 11^{1}\bullet 53^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow M6_{-26}(\downarrow m3_{+26})^{1}} = (1) + \uparrow m2_{+13}(\downarrow M7_{-13})$

$8746 = 2^{1}\bullet 4373^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m2_{+13}(\downarrow M7_{-13})^{1}} = (1) + \uparrow m2_{+13}(\downarrow M7_{-13})$

$8747 = 8747^{1} = \mathbf{(1) + \uparrow m2_{+13}(\downarrow M7_{-13})}$

$8748 = 2^{2}\bullet 3^{7} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{7}} = (1) + \uparrow m2_{+14}(\downarrow M7_{-14})$

$8749 = 13^{1}\bullet 673^{1} = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow P4_{-27}(\downarrow P5_{+27})^{1}} = (1) + \uparrow m2_{+14}(\downarrow M7_{-14})$

$8750 = 2^{1}\bullet 5^{4}\bullet 7^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{4} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1}} = (1) + \uparrow m2_{+14}(\downarrow M7_{-14})$

$8751 = 3^1 \bullet 2917^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{+12}(\downarrow tt_{-12})^1} = (1) + \uparrow m2_{+14}(\downarrow M7_{-14})$

$8752 = 2^4 \bullet 547^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow m2_{+14}(\downarrow M7_{-14})^1} = (1) + \uparrow m2_{+14}(\downarrow M7_{-14})$

$8753 = 8753^1 = \mathbf{(1) + \uparrow m2_{+15}(\downarrow M7_{-15})}$

$8754 = 2^1 \bullet 3^1 \bullet 1459^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{+13}(\downarrow tt_{-13})^1} = (1) + \uparrow m2_{+15}(\downarrow M7_{-15})$

$8755 = 5^1 \bullet 17^1 \bullet 103^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow m6_{+24}(\downarrow M3_{-24})^1} = (1) + \uparrow m2_{+15}(\downarrow M7_{-15})$

$8756 = 2^2 \bullet 11^1 \bullet 199^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m6_{-36}(\downarrow M3_{+36})^1} = (1) + \uparrow m2_{+15}(\downarrow M7_{-15})$

$8757 = 3^2 \bullet 7^1 \bullet 139^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m2_{+43}(\downarrow M7_{-43})^1} = (1) + \uparrow m2_{+15}(\downarrow M7_{-15})$

$8758 = 2^1 \bullet 29^1 \bullet 151^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1 + \uparrow m3_{-14}(\downarrow M6_{+14})^1} = (1) + \uparrow m2_{+16}(\downarrow M7_{-16})$

$8759 = 19^1 \bullet 461^1 = \mathbf{(1) + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow m7_{+18}(\downarrow M2_{-18})^1} = (1) + \uparrow m2_{+16}(\downarrow M7_{-16})$

$8760 = 2^3 \bullet 3^1 \bullet 5^1 \bullet 73^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M2_{+28}(\downarrow m7_{-28})^1} = (1) + \uparrow m2_{+16}(\downarrow M7_{-16})$

$8761 = 8761^1 = \mathbf{(1) + \uparrow m2_{+16}(\downarrow M7_{-16})}$

$8762 = 2^1 \bullet 13^1 \bullet 337^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow P4_{-24}(\downarrow P5_{+24})^1} = (1) + \uparrow m2_{+16}(\downarrow M7_{-16})$

$8763 = 3^1 \bullet 23^1 \bullet 127^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow 8ve_{-14}(\downarrow uni_{+14})^1} = (1) + \uparrow m2_{+17}(\downarrow M7_{-17})$

$8764 = 2^2 \bullet 7^1 \bullet 313^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m3_{+48}(\downarrow M6_{-48})^1} = (1) + \uparrow m2_{+17}(\downarrow M7_{-17})$

$8765 = 5^1 \bullet 1753^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M6_{+31}(\downarrow m3_{-31})^1} = (1) + \uparrow m2_{+17}(\downarrow M7_{-17})$

$8766 = 2^1 \bullet 3^2 \bullet 487^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M7_{+13}(\downarrow m2_{-13})^1} = (1) + \uparrow m2_{+17}(\downarrow M7_{-17})$

$8767 = 11^1 \bullet 797^1 = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m6_{-34}(\downarrow M3_{+34})^1} = (1) + \uparrow m2_{+17}(\downarrow M7_{-17})$

$8768 = 2^6 \bullet 137^1 = \mathbf{(1) + \updownarrow 8ve(uni)^6 + \uparrow m2_{+18}(\downarrow M7_{-18})^1} = (1) + \uparrow m2_{+18}(\downarrow M7_{-18})$

$8769 = 3^1 \bullet 37^1 \bullet 79^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m3_{-49}(\downarrow M6_{+49})^1 + \uparrow M3_{-35}(\downarrow m6_{+35})^1} = (1) + \uparrow m2_{+18}(\downarrow M7_{-18})$

$8770 = 2^1 \bullet 5^1 \bullet 877^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M6_{+32}(\downarrow m3_{-32})^1} = (1) + \uparrow m2_{+18}(\downarrow M7_{-18})$

$8771 = 7^2 \bullet 179^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^2 + \uparrow tt_{-19}(\downarrow tt_{+19})^1} = (1) + \uparrow m2_{+18}(\downarrow M7_{-18})$

$8772 = 2^2 \bullet 3^1 \bullet 17^1 \bullet 43^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow P4_{+12}(\downarrow P5_{-12})^1} = (1) + \uparrow m2_{+18}(\downarrow M7_{-18})$

$8773 = 31^1 \bullet 283^1 = \mathbf{(1) + \uparrow M7_{+45}(\downarrow m2_{-45})^1 + \uparrow M2_{-26}(\downarrow m7_{+26})^1} = (1) + \uparrow m2_{+19}(\downarrow M7_{-19})$

$8774 = 2^1 \bullet 41^1 \bullet 107^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{+29}(\downarrow m6_{-29})^1 + \uparrow M6_{-10}(\downarrow m3_{+10})^1} = (1) + \uparrow m2_{+19}(\downarrow M7_{-19})$

$8775 = 3^3 \bullet 5^2 \bullet 13^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow m6_{+41}(\downarrow M3_{-41})^1} = (1) + \uparrow m2_{+19}(\downarrow M7_{-19})$

$8776 = 2^3 \bullet 1097^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow m2_{+19}(\downarrow M7_{-19})^1} = (1) + \uparrow m2_{+19}(\downarrow M7_{-19})$

$8777 = 67^1 \bullet 131^1 = \mathbf{(1) + \uparrow m2_{-21}(\downarrow M7_{+21})^1 + \uparrow uni_{+40}(\downarrow 8ve_{-40})^1} = (1) + \uparrow m2_{+19}(\downarrow M7_{-19})$

$8778 = 2^1 \bullet 3^1 \bullet 7^1 \bullet 11^1 \bullet 19^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1} =$

$(1) + \uparrow m2_{+20}(\downarrow M7_{-20})$

$8779 = 8779^1 = \mathbf{(1) + \uparrow m2_{+20}(\downarrow M7_{-20})}$

$8780 = 2^2 \bullet 5^1 \bullet 439^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M6_{+34}(\downarrow m3_{-34})^1} = (1) + \uparrow m2_{+20}(\downarrow M7_{-20})$

$8781 = 3^1 \bullet 2927^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{+18}(\downarrow tt_{-18})^1} = (1) + \uparrow m2_{+20}(\downarrow M7_{-20})$

$8782 = 2^1 \bullet 4391^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m2_{+20}(\downarrow M7_{-20})^1} = (1) + \uparrow m2_{+20}(\downarrow M7_{-20})$

$8783 = 8783^1 = \mathbf{(1) + \uparrow m2_{+21}(\downarrow M7_{-21})}$

$8784 = 2^4 \bullet 3^2 \bullet 61^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M7_{+17}(\downarrow m2_{-17})^1} = (1) + \uparrow m2_{+21}(\downarrow M7_{-21})$

$8785 = 5^1 \bullet 7^1 \bullet 251^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow 8ve_{-34}(\downarrow uni_{+34})^1} = (1) + \uparrow m2_{+21}(\downarrow M7_{-21})$

$8786 = 2^1 \bullet 23^1 \bullet 191^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow P5_{-7}(\downarrow P4_{+7})^1} = (1) + \uparrow m2_{+21}(\downarrow M7_{-21})$

$8787 = 3^1 \bullet 29^1 \bullet 101^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1 + \uparrow m6_{-10}(\downarrow M3_{+10})^1} = (1) + \uparrow m2_{+21}(\downarrow M7_{-21})$

$8788 = 2^2 \bullet 13^3 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m6_{+41}(\downarrow M3_{-41})^3} = (1) + \uparrow m2_{+22}(\downarrow M7_{-22})$

$8789 = 11^1 \bullet 17^1 \bullet 47^1 = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow P5_{-34}(\downarrow P4_{+34})^1} = (1) + \uparrow m2_{+22}(\downarrow M7_{-22})$

$8790 = 2^1 \bullet 3^1 \bullet 5^1 \bullet 293^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M2_{+34}(\downarrow m7_{-34})^1} = (1) + \uparrow m2_{+22}(\downarrow M7_{-22})$

$8791 = 59^1 \bullet 149^1 = \mathbf{(1) + \uparrow M7_{-41}(\downarrow m2_{+41})^1 + \uparrow m3_{-37}(\downarrow M6_{+37})^1} = (1) + \uparrow m2_{+22}(\downarrow M7_{-22})$

$8792 = 2^3 \bullet 7^1 \bullet 157^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M3_{-46}(\downarrow m6_{+46})^1} = (1) + \uparrow m2_{+22}(\downarrow M7_{-22})$

$8793 = 3^2 \bullet 977^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M7_{+19}(\downarrow m2_{-19})^1} = (1) + \uparrow m2_{+23}(\downarrow M7_{-23})$

$8794 = 2^1 \bullet 4397^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m2_{+23}(\downarrow M7_{-23})^1} = (1) + \uparrow m2_{+23}(\downarrow M7_{-23})$

$8795 = 5^1 \bullet 1759^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M6_{+37}(\downarrow m3_{-37})^1} = (1) + \uparrow m2_{+23}(\downarrow M7_{-23})$

$8796 = 2^2 \bullet 3^1 \bullet 733^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{+21}(\downarrow tt_{-21})^1} = (1) + \uparrow m2_{+23}(\downarrow M7_{-23})$

$8797 = 19^1 \bullet 463^1 = \mathbf{(1) + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow m7_{+26}(\downarrow M2_{-26})^1} = (1) + \uparrow m2_{+23}(\downarrow M7_{-23})$

$8798 = 2^1 \bullet 53^1 \bullet 83^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M6_{-26}(\downarrow m3_{+26})^1 + \uparrow P4_{-50}(\downarrow P5_{+50})^1} = (1) + \uparrow m2_{+24}(\downarrow M7_{-24})$

$8799 = 3^1 \bullet 7^1 \bullet 419^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M6_{-47}(\downarrow m3_{+47})^1} = (1) + \uparrow m2_{+24}(\downarrow M7_{-24})$

$8800 = 2^5 \bullet 5^2 \bullet 11^1 = \mathbf{(1) + \updownarrow 8ve(uni)^5 + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow tt_{-49}(\downarrow tt_{+49})^1} = (1) + \uparrow m2_{+24}(\downarrow M7_{-24})$

$8801 = 13^1 \bullet 677^1 = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow P4_{-16}(\downarrow P5_{+16})^1} = (1) + \uparrow m2_{+24}(\downarrow M7_{-24})$

$8802 = 2^1 \bullet 3^3 \bullet 163^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow M3_{+18}(\downarrow m6_{-18})^1} = (1) + \uparrow m2_{+24}(\downarrow M7_{-24})$

$8803 = 8803^1 = \mathbf{(1) + \uparrow m2_{+25}(\downarrow M7_{-25})}$

$8804 = 2^2 \bullet 31^1 \bullet 71^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M7_{+45}(\downarrow m2_{-45})^1 + \uparrow M2_{-20}(\downarrow m7_{+20})^1} = (1) + \uparrow m2_{+25}(\downarrow M7_{-25})$

$8805 = 3^1 \bullet 5^1 \bullet 587^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M2_{+37}(\downarrow m7_{-37})^1} = (1) + \uparrow m2_{+25}(\downarrow M7_{-25})$

$8806 = 2^1 \bullet 7^1 \bullet 17^1 \bullet 37^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow m3_{-49}(\downarrow M6_{+49})^1} = (1) + \uparrow m2_{+25}(\downarrow M7_{-25})$

$8807 = 8807^1 = \mathbf{(1) + \uparrow m2_{+25}(\downarrow M7_{-25})}$

$8808 = 2^3 \bullet 3^1 \bullet 367^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{+24}(\downarrow tt_{-24})^1} = (1) + \uparrow m2_{+26}(\downarrow M7_{-26})$

$8809 = 23^1 \bullet 383^1 = \mathbf{(1) + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow P5_{-3}(\downarrow P4_{+3})^1} = (1) + \uparrow m2_{+26}(\downarrow M7_{-26})$

$8810 = 2^1 \bullet 5^1 \bullet 881^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M6_{+40}(\downarrow m3_{-40})^1} = (1) + \uparrow m2_{+26}(\downarrow M7_{-26})$

$8811 = 3^2 \bullet 11^1 \bullet 89^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow tt_{-29}(\downarrow tt_{+29})^1} = (1) + \uparrow m2_{+26}(\downarrow M7_{-26})$

$8812 = 2^2 \bullet 2203^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m2_{+26}(\downarrow M7_{-26})^1} = (1) + \uparrow m2_{+26}(\downarrow M7_{-26})$

$8813 = 7^1 \bullet 1259^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M3_{-42}(\downarrow m6_{+42})^1} = (1) + \uparrow m2_{+27}(\downarrow M7_{-27})$

$8814 = 2^1 \bullet 3^1 \bullet 13^1 \bullet 113^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow m7_{-16}(\downarrow M2_{+16})^1} = (1) + \uparrow m2_{+27}(\downarrow M7_{-27})$

$8815 = 5^1 \bullet 41^1 \bullet 43^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M3_{+29}(\downarrow m6_{-29})^1 + \uparrow P4_{+12}(\downarrow P5_{-12})^1} = (1) + \uparrow m2_{+27}(\downarrow M7_{-27})$

$8816 = 2^4 \bullet 19^1 \bullet 29^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1} = (1) + \uparrow m2_{+27}(\downarrow M7_{-27})$

$8817 = 3^1 \bullet 2939^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{+25}(\downarrow tt_{-25})^1} = (1) + \uparrow m2_{+27}(\downarrow M7_{-27})$

$8818 = 2^1 \bullet 4409^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m2_{+27}(\downarrow M7_{-27})^1} = (1) + \uparrow m2_{+27}(\downarrow M7_{-27})$

$8819 = 8819^1 = \mathbf{(1) + \uparrow m2_{+28}(\downarrow M7_{-28})}$

$8820 = 2^2 \bullet 3^2 \bullet 5^1 \bullet 7^2 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^2} = (1) + \uparrow m2_{+28}(\downarrow M7_{-28})$

$8821 = 8821^1 = \mathbf{(1) + \uparrow m2_{+28}(\downarrow M7_{-28})}$

$8822 = 2^1 \bullet 11^1 \bullet 401^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m6_{-23}(\downarrow M3_{+23})^1} = (1) + \uparrow m2_{+28}(\downarrow M7_{-28})$

$8823 = 3^1 \bullet 17^1 \bullet 173^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow P4_{+22}(\downarrow P5_{-22})^1} = (1) + \uparrow m2_{+28}(\downarrow M7_{-28})$

$8824 = 2^3 \bullet 1103^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow m2_{+29}(\downarrow M7_{-29})^1} = (1) + \uparrow m2_{+29}(\downarrow M7_{-29})$

$8825 = 5^2 \bullet 353^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow tt_{-44}(\downarrow tt_{+44})^1} = (1) + \uparrow m2_{+29}(\downarrow M7_{-29})$

$8826 = 2^1 \bullet 3^1 \bullet 1471^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{+27}(\downarrow tt_{-27})^1} = (1) + \uparrow m2_{+29}(\downarrow M7_{-29})$

$8827 = 7^1 \bullet 13^1 \bullet 97^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow P5_{+20}(\downarrow P4_{-20})^1} = (1) + \uparrow m2_{+29}(\downarrow M7_{-29})$

$8828 = 2^2 \bullet 2207^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m2_{+29}(\downarrow M7_{-29})^1} = (1) + \uparrow m2_{+29}(\downarrow M7_{-29})$

$8829 = 3^4 \bullet 109^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^4 + \uparrow M6_{+22}(\downarrow m3_{-22})^1} = (1) + \uparrow m2_{+30}(\downarrow M7_{-30})$

$8830 = 2^1 \bullet 5^1 \bullet 883^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M6_{+44}(\downarrow m3_{-44})^1} = (1) + \uparrow m2_{+30}(\downarrow M7_{-30})$

$8831 = 8831^1 = \mathbf{(1) + \uparrow m2_{+30}(\downarrow M7_{-30})}$

$8832 = 2^7 \bullet 3^1 \bullet 23^1 = \mathbf{(1) + \updownarrow 8ve(uni)^7 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1} = (1) + \uparrow m2_{+30}(\downarrow M7_{-30})$

$8833 = 11^2 \bullet 73^1 = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^2 + \uparrow M2_{+28}(\downarrow m7_{-28})^1} = (1) + \uparrow m2_{+30}(\downarrow M7_{-30})$

$8834 = 2^{1}\bullet 7^{1}\bullet 631^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M3_{-38}(\downarrow m6_{+38})^{1}} = (1) + \uparrow m2_{+31}(\downarrow M7_{-31})$

$8835 = 3^{1}\bullet 5^{1}\bullet 19^{1}\bullet 31^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1}} = (1) + \uparrow m2_{+31}(\downarrow M7_{-31})$

$8836 = 2^{2}\bullet 47^{2} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{-34}(\downarrow P4_{+34})^{2}} = (1) + \uparrow m2_{+31}(\downarrow M7_{-31})$

$8837 = 8837^{1} = \mathbf{(1) + \uparrow m2_{+31}(\downarrow M7_{-31})}$

$8838 = 2^{1}\bullet 3^{2}\bullet 491^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M7_{+27}(\downarrow m2_{-27})^{1}} = (1) + \uparrow m2_{+31}(\downarrow M7_{-31})$

$8839 = 8839^{1} = \mathbf{(1) + \uparrow m2_{+32}(\downarrow M7_{-32})}$

$8840 = 2^{3}\bullet 5^{1}\bullet 13^{1}\bullet 17^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1}} = (1) + \uparrow m2_{+32}(\downarrow M7_{-32})$

$8841 = 3^{1}\bullet 7^{1}\bullet 421^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M6_{-39}(\downarrow m3_{+39})^{1}} = (1) + \uparrow m2_{+32}(\downarrow M7_{-32})$

$8842 = 2^{1}\bullet 4421^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m2_{+32}(\downarrow M7_{-32})^{1}} = (1) + \uparrow m2_{+32}(\downarrow M7_{-32})$

$8843 = 37^{1}\bullet 239^{1} = \mathbf{(1) + \uparrow m3_{-49}(\downarrow M6_{+49})^{1} + \uparrow M7_{-19}(\downarrow m2_{+19})^{1}} = (1) + \uparrow m2_{+32}(\downarrow M7_{-32})$

$8844 = 2^{2}\bullet 3^{1}\bullet 11^{1}\bullet 67^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m2_{-21}(\downarrow M7_{+21})^{1}} = (1) + \uparrow m2_{+33}(\downarrow M7_{-33})$

$8845 = 5^{1}\bullet 29^{1}\bullet 61^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1} + \uparrow M7_{+17}(\downarrow m2_{-17})^{1}} = (1) + \uparrow m2_{+33}(\downarrow M7_{-33})$

$8846 = 2^{1}\bullet 4423^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m2_{+33}(\downarrow M7_{-33})^{1}} = (1) + \uparrow m2_{+33}(\downarrow M7_{-33})$

$8847 = 3^{2}\bullet 983^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M7_{+29}(\downarrow m2_{-29})^{1}} = (1) + \uparrow m2_{+33}(\downarrow M7_{-33})$

$8848 = 2^{4}\bullet 7^{1}\bullet 79^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M3_{-35}(\downarrow m6_{+35})^{1}} = (1) + \uparrow m2_{+33}(\downarrow M7_{-33})$

$8849 = 8849^{1} = \mathbf{(1) + \uparrow m2_{+34}(\downarrow M7_{-34})}$

$8850 = 2^{1}\bullet 3^{1}\bullet 5^{2}\bullet 59^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow M7_{-41}(\downarrow m2_{+41})^{1}} = (1) + \uparrow m2_{+34}(\downarrow M7_{-34})$

$8851 = 53^{1}\bullet 167^{1} = \mathbf{(1) + \uparrow M6_{-26}(\downarrow m3_{+26})^{1} + \uparrow P4_{-40}(\downarrow P5_{+40})^{1}} = (1) + \uparrow m2_{+34}(\downarrow M7_{-34})$

$8852 = 2^{2}\bullet 2213^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m2_{+34}(\downarrow M7_{-34})^{1}} = (1) + \uparrow m2_{+34}(\downarrow M7_{-34})$

$8853 = 3^{1}\bullet 13^{1}\bullet 227^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m7_{-8}(\downarrow M2_{+8})^{1}} = (1) + \uparrow m2_{+34}(\downarrow M7_{-34})$

$8854 = 2^{1}\bullet 19^{1}\bullet 233^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow m7_{+37}(\downarrow M2_{-37})^{1}} = (1) + \uparrow m2_{+35}(\downarrow M7_{-35})$

$8855 = 5^{1}\bullet 7^{1}\bullet 11^{1}\bullet 23^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1}} = (1) + \uparrow m2_{+35}(\downarrow M7_{-35})$

$8856 = 2^{3}\bullet 3^{3}\bullet 41^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow M3_{+29}(\downarrow m6_{-29})^{1}} = (1) + \uparrow m2_{+35}(\downarrow M7_{-35})$

$8857 = 17^{1}\bullet 521^{1} = \mathbf{(1) + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow uni_{+30}(\downarrow 8ve_{-30})^{1}} = (1) + \uparrow m2_{+35}(\downarrow M7_{-35})$

$8858 = 2^{1}\bullet 43^{1}\bullet 103^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P4_{+12}(\downarrow P5_{-12})^{1} + \uparrow m6_{+24}(\downarrow M3_{-24})^{1}} = (1) + \uparrow m2_{+35}(\downarrow M7_{-35})$

$8859 = 3^{1}\bullet 2953^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{+34}(\downarrow tt_{-34})^{1}} = (1) + \uparrow m2_{+36}(\downarrow M7_{-36})$

$8860 = 2^{2}\bullet 5^{1}\bullet 443^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M6_{+49}(\downarrow m3_{-49})^{1}} = (1) + \uparrow m2_{+36}(\downarrow M7_{-36})$

$8861 = 8861^{1} = \mathbf{(1) + \uparrow m2_{+36}(\downarrow M7_{-36})}$

$8862 = 2^{1}\bullet 3^{1}\bullet 7^{1}\bullet 211^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M6_{-35}(\downarrow m3_{+35})^{1}} = (1) + \uparrow m2_{+36}(\downarrow M7_{-36})$

$8863 = 8863^{1} = \mathbf{(1) + \uparrow m2_{+36}(\downarrow M7_{-36})}$

$8864 = 2^{5}\bullet 277^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{5} + \uparrow m2_{+36}(\downarrow M7_{-36})^{1}} = (1) + \uparrow m2_{+36}(\downarrow M7_{-36})$

$8865 = 3^{2}\bullet 5^{1}\bullet 197^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow P5_{+46}(\downarrow P4_{-46})^{1}} = (1) + \uparrow m2_{+37}(\downarrow M7_{-37})$

$8866 = 2^{1}\bullet 11^{1}\bullet 13^{1}\bullet 31^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1}} = (1) + \uparrow m2_{+37}(\downarrow M7_{-37})$

$8867 = 8867^{1} = \mathbf{(1) + \uparrow m2_{+37}(\downarrow M7_{-37})}$

$8868 = 2^{2}\bullet 3^{1}\bullet 739^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{+35}(\downarrow tt_{-35})^{1}} = (1) + \uparrow m2_{+37}(\downarrow M7_{-37})$

$8869 = 7^{2}\bullet 181^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{2} + \uparrow tt_{+0}(\downarrow tt_{-0})^{1}} = (1) + \uparrow m2_{+37}(\downarrow M7_{-37})$

$8870 = 2^{1}\bullet 5^{1}\bullet 887^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-49}(\downarrow M2_{+49})^{1}} = (1) + \uparrow m2_{+38}(\downarrow M7_{-38})$

$8871 = 3^{1}\bullet 2957^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{+36}(\downarrow tt_{-36})^{1}} = (1) + \uparrow m2_{+38}(\downarrow M7_{-38})$

$8872 = 2^{3}\bullet 1109^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow m2_{+38}(\downarrow M7_{-38})^{1}} = (1) + \uparrow m2_{+38}(\downarrow M7_{-38})$

$8873 = 19^{1}\bullet 467^{1} = \mathbf{(1) + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow m7_{+41}(\downarrow M2_{-41})^{1}} = (1) + \uparrow m2_{+38}(\downarrow M7_{-38})$

$8874 = 2^{1}\bullet 3^{2}\bullet 17^{1}\bullet 29^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1}} = (1) + \uparrow m2_{+38}(\downarrow M7_{-38})$

$8875 = 5^{3}\bullet 71^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{3} + \uparrow M2_{-20}(\downarrow m7_{+20})^{1}} = (1) + \uparrow m2_{+39}(\downarrow M7_{-39})$

$8876 = 2^{2}\bullet 7^{1}\bullet 317^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M3_{-30}(\downarrow m6_{+30})^{1}} = (1) + \uparrow m2_{+39}(\downarrow M7_{-39})$

$8877 = 3^{1}\bullet 11^{1}\bullet 269^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m2_{-14}(\downarrow M7_{+14})^{1}} = (1) + \uparrow m2_{+39}(\downarrow M7_{-39})$

$8878 = 2^{1}\bullet 23^{1}\bullet 193^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow P5_{+11}(\downarrow P4_{-11})^{1}} = (1) + \uparrow m2_{+39}(\downarrow M7_{-39})$

$8879 = 13^{1}\bullet 683^{1} = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow P4_{-1}(\downarrow P5_{+1})^{1}} = (1) + \uparrow m2_{+39}(\downarrow M7_{-39})$

$8880 = 2^{4}\bullet 3^{1}\bullet 5^{1}\bullet 37^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m3_{-49}(\downarrow M6_{+49})^{1}} = (1) + \uparrow m2_{+40}(\downarrow M7_{-40})$

$8881 = 83^{1}\bullet 107^{1} = \mathbf{(1) + \uparrow P4_{-50}(\downarrow P5_{+50})^{1} + \uparrow M6_{-10}(\downarrow m3_{+10})^{1}} = (1) + \uparrow m2_{+40}(\downarrow M7_{-40})$

$8882 = 2^{1}\bullet 4441^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m2_{+40}(\downarrow M7_{-40})^{1}} = (1) + \uparrow m2_{+40}(\downarrow M7_{-40})$

$8883 = 3^{3}\bullet 7^{1}\bullet 47^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow P5_{-34}(\downarrow P4_{+34})^{1}} = (1) + \uparrow m2_{+40}(\downarrow M7_{-40})$

$8884 = 2^{2}\bullet 2221^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m2_{+40}(\downarrow M7_{-40})^{1}} = (1) + \uparrow m2_{+40}(\downarrow M7_{-40})$

$8885 = 5^{1}\bullet 1777^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-46}(\downarrow M2_{+46})^{1}} = (1) + \uparrow m2_{+41}(\downarrow M7_{-41})$

$8886 = 2^{1}\bullet 3^{1}\bullet 1481^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{+39}(\downarrow tt_{-39})^{1}} = (1) + \uparrow m2_{+41}(\downarrow M7_{-41})$

$8887 = 8887^{1} = \mathbf{(1) + \uparrow m2_{+41}(\downarrow M7_{-41})}$

$8888 = 2^{3}\bullet 11^{1}\bullet 101^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m6_{-10}(\downarrow M3_{+10})^{1}} = (1) + \uparrow m2_{+41}(\downarrow M7_{-41})$

$8889 = 3^{1}\bullet 2963^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{+39}(\downarrow tt_{-39})^{1}} = (1) + \uparrow m2_{+41}(\downarrow M7_{-41})$

$8890 = 2^{1}\bullet 5^{1}\bullet 7^{1}\bullet 127^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow 8ve_{-14}(\downarrow uni_{+14})^{1}} = (1) + \uparrow m2_{+42}(\downarrow M7_{-42})$

$8891 = 17^{1}\bullet 523^{1} = \mathbf{(1) + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow uni_{+37}(\downarrow 8ve_{-37})^{1}} = (1) + \uparrow m2_{+42}(\downarrow M7_{-42})$

$8892 = 2^{2}\bullet 3^{2}\bullet 13^{1}\bullet 19^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1}} = (1) + \uparrow m2_{+42}(\downarrow M7_{-42})$

$8893 = 8893^{1} = \mathbf{(1) + \uparrow m2_{+42}(\downarrow M7_{-42})}$

$8894 = 2^{1}\bullet 4447^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m2_{+42}(\downarrow M7_{-42})^{1}} = (1) + \uparrow m2_{+42}(\downarrow M7_{-42})$

$8895 = 3^{1}\bullet 5^{1}\bullet 593^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m3_{-46}(\downarrow M6_{+46})^{1}} = (1) + \uparrow m2_{+43}(\downarrow M7_{-43})$

$8896 = 2^{6}\bullet 139^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{6} + \uparrow m2_{+43}(\downarrow M7_{-43})^{1}} = (1) + \uparrow m2_{+43}(\downarrow M7_{-43})$

$8897 = 7^{1}\bullet 31^{1}\bullet 41^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1} + \uparrow M3_{+29}(\downarrow m6_{-29})^{1}} = (1) + \uparrow m2_{+43}(\downarrow M7_{-43})$

$8898 = 2^{1}\bullet 3^{1}\bullet 1483^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{+41}(\downarrow tt_{-41})^{1}} = (1) + \uparrow m2_{+43}(\downarrow M7_{-43})$

$8899 = 11^{1}\bullet 809^{1} = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m6_{-8}(\downarrow M3_{+8})^{1}} = (1) + \uparrow m2_{+43}(\downarrow M7_{-43})$

$8900 = 2^{2}\bullet 5^{2}\bullet 89^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow tt_{-29}(\downarrow tt_{+29})^{1}} = (1) + \uparrow m2_{+44}(\downarrow M7_{-44})$

$8901 = 3^{2}\bullet 23^{1}\bullet 43^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow P4_{+12}(\downarrow P5_{-12})^{1}} = (1) + \uparrow m2_{+44}(\downarrow M7_{-44})$

$8902 = 2^{1}\bullet 4451^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m2_{+44}(\downarrow M7_{-44})^{1}} = (1) + \uparrow m2_{+44}(\downarrow M7_{-44})$

$8903 = 29^{1}\bullet 307^{1} = \mathbf{(1) + \uparrow m7_{+30}(\downarrow M2_{-30})^{1} + \uparrow m3_{+15}(\downarrow M6_{-15})^{1}} = (1) + \uparrow m2_{+44}(\downarrow M7_{-44})$

$8904 = 2^{3}\bullet 3^{1}\bullet 7^{1}\bullet 53^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M6_{-26}(\downarrow m3_{+26})^{1}} = (1) + \uparrow m2_{+44}(\downarrow M7_{-44})$

$8905 = 5^{1}\bullet 13^{1}\bullet 137^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m2_{+18}(\downarrow M7_{-18})^{1}} = (1) + \uparrow m2_{+44}(\downarrow M7_{-44})$

$8906 = 2^{1}\bullet 61^{1}\bullet 73^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M7_{+17}(\downarrow m2_{-17})^{1} + \uparrow M2_{+28}(\downarrow m7_{-28})^{1}} = (1) + \uparrow m2_{+45}(\downarrow M7_{-45})$

$8907 = 3^{1}\bullet 2969^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{+43}(\downarrow tt_{-43})^{1}} = (1) + \uparrow m2_{+45}(\downarrow M7_{-45})$

$8908 = 2^{2}\bullet 17^{1}\bullet 131^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow uni_{+40}(\downarrow 8ve_{-40})^{1}} = (1) + \uparrow m2_{+45}(\downarrow M7_{-45})$

$8909 = 59^{1}\bullet 151^{1} = \mathbf{(1) + \uparrow M7_{-41}(\downarrow m2_{+41})^{1} + \uparrow m3_{-14}(\downarrow M6_{+14})^{1}} = (1) + \uparrow m2_{+45}(\downarrow M7_{-45})$

$8910 = 2^{1}\bullet 3^{4}\bullet 5^{1}\bullet 11^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{4} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1}} = (1) + \uparrow m2_{+45}(\downarrow M7_{-45})$

$8911 = 7^{1}\bullet 19^{1}\bullet 67^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow m2_{-21}(\downarrow M7_{+21})^{1}} = (1) + \uparrow m2_{+46}(\downarrow M7_{-46})$

$8912 = 2^{4}\bullet 557^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow m2_{+46}(\downarrow M7_{-46})^{1}} = (1) + \uparrow m2_{+46}(\downarrow M7_{-46})$

$8913 = 3^{1}\bullet 2971^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{+44}(\downarrow tt_{-44})^{1}} = (1) + \uparrow m2_{+46}(\downarrow M7_{-46})$

$8914 = 2^{1}\bullet 4457^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m2_{+46}(\downarrow M7_{-46})^{1}} = (1) + \uparrow m2_{+46}(\downarrow M7_{-46})$

$8915 = 5^{1}\bullet 1783^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-40}(\downarrow M2_{+40})^{1}} = (1) + \uparrow m2_{+46}(\downarrow M7_{-46})$

$8916 = 2^{2}\bullet 3^{1}\bullet 743^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{+45}(\downarrow tt_{-45})^{1}} = (1) + \uparrow m2_{+47}(\downarrow M7_{-47})$

$8917 = 37^{1}\bullet 241^{1} = \mathbf{(1) + \uparrow m3_{-49}(\downarrow M6_{+49})^{1} + \uparrow M7_{-5}(\downarrow m2_{+5})^{1}} = (1) + \uparrow m2_{+47}(\downarrow M7_{-47})$

$8918 = 2^{1}\bullet 7^{3}\bullet 13^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{3} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1}} = (1) + \uparrow m2_{+47}(\downarrow M7_{-47})$

$8919 = 3^{2}\bullet 991^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M7_{+43}(\downarrow m2_{-43})^{1}} = (1) + \uparrow m2_{+47}(\downarrow M7_{-47})$

$8920 = 2^{3}\bullet 5^{1}\bullet 223^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-39}(\downarrow M2_{+39})^{1}} = (1) + \uparrow m2_{+47}(\downarrow M7_{-47})$

$8921 = 11^{1}\bullet 811^{1} = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m6_{-4}(\downarrow M3_{+4})^{1}} = (1) + \uparrow m2_{+48}(\downarrow M7_{-48})$

$8922 = 2^{1}\bullet 3^{1}\bullet 1487^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{+46}(\downarrow tt_{-46})^{1}} = (1) + \uparrow m2_{+48}(\downarrow M7_{-48})$

$8923 = 8923^{1} = \mathbf{(1) + \uparrow m2_{+48}(\downarrow M7_{-48})}$

$8924 = 2^{2}\bullet 23^{1}\bullet 97^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow P5_{+20}(\downarrow P4_{-20})^{1}} = (1) + \uparrow m2_{+48}(\downarrow M7_{-48})$

$8925 = 3^{1}\bullet 5^{2}\bullet 7^{1}\bullet 17^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1}} = (1) + \uparrow m2_{+48}(\downarrow M7_{-48})$

$8926 = 2^{1}\bullet 4463^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m2_{+49}(\downarrow M7_{-49})^{1}} = (1) + \uparrow m2_{+49}(\downarrow M7_{-49})$

$8927 = 79^{1}\bullet 113^{1} = \mathbf{(1) + \uparrow M3_{-35}(\downarrow m6_{+35})^{1} + \uparrow m7_{-16}(\downarrow M2_{+16})^{1}} = (1) + \uparrow m2_{+49}(\downarrow M7_{-49})$

$8928 = 2^{5}\bullet 3^{2}\bullet 31^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{5} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1}} = (1) + \uparrow m2_{+49}(\downarrow M7_{-49})$

$8929 = 8929^{1} = \mathbf{(1) + \uparrow m2_{+49}(\downarrow M7_{-49})}$

$8930 = 2^{1}\bullet 5^{1}\bullet 19^{1}\bullet 47^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow P5_{-34}(\downarrow P4_{+34})^{1}} = (1) + \uparrow m2_{+49}(\downarrow M7_{-49})$

$8931 = 3^{1}\bullet 13^{1}\bullet 229^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m7_{+7}(\downarrow M2_{-7})^{1}} = (1) + \uparrow m2_{+50}(\downarrow M7_{-50})$

$8932 = 2^{2}\bullet 7^{1}\bullet 11^{1}\bullet 29^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1}} = (1) + \uparrow m2_{+50}(\downarrow M7_{-50})$

$8933 = 8933^{1} = \mathbf{(1) + \uparrow m2_{+50}(\downarrow M7_{-50})}$

$8934 = 2^{1}\bullet 3^{1}\bullet 1489^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{+48}(\downarrow tt_{-48})^{1}} = (1) + \uparrow M2_{-50}(\downarrow m7_{+50})$

$8935 = 5^{1}\bullet 1787^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-36}(\downarrow M2_{+36})^{1}} = (1) + \uparrow M2_{-50}(\downarrow m7_{+50})$

$8936 = 2^{3}\bullet 1117^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow M2_{-50}(\downarrow m7_{+50})^{1}} = (1) + \uparrow M2_{-50}(\downarrow m7_{+50})$

$8937 = 3^{3}\bullet 331^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow M3_{+45}(\downarrow m6_{-45})^{1}} = (1) + \uparrow M2_{-49}(\downarrow m7_{+49})$

$8938 = 2^{1}\bullet 41^{1}\bullet 109^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{+29}(\downarrow m6_{-29})^{1} + \uparrow M6_{+22}(\downarrow m3_{-22})^{1}} = (1) + \uparrow M2_{-49}(\downarrow m7_{+49})$

$8939 = 7^{1}\bullet 1277^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M3_{-18}(\downarrow m6_{+18})^{1}} = (1) + \uparrow M2_{-49}(\downarrow m7_{+49})$

$8940 = 2^{2}\bullet 3^{1}\bullet 5^{1}\bullet 149^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m3_{-37}(\downarrow M6_{+37})^{1}} = (1) + \uparrow M2_{-49}(\downarrow m7_{+49})$

$8941 = 8941^{1} = \mathbf{(1) + \uparrow M2_{-49}(\downarrow m7_{+49})}$

$8942 = 2^{1}\bullet 17^{1}\bullet 263^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow uni_{+47}(\downarrow 8ve_{-47})^{1}} = (1) + \uparrow M2_{-48}(\downarrow m7_{+48})$

$8943 = 3^{1}\bullet 11^{1}\bullet 271^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m2_{-1}(\downarrow M7_{+1})^{1}} = (1) + \uparrow M2_{-48}(\downarrow m7_{+48})$

$8944 = 2^{4}\bullet 13^{1}\bullet 43^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow P4_{+12}(\downarrow P5_{-12})^{1}} = (1) + \uparrow M2_{-48}(\downarrow m7_{+48})$

$8945 = 5^{1}\bullet 1789^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-34}(\downarrow M2_{+34})^{1}} = (1) + \uparrow M2_{-48}(\downarrow m7_{+48})$

$8946 = 2^{1}\bullet 3^{2}\bullet 7^{1}\bullet 71^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M2_{-20}(\downarrow m7_{+20})^{1}} = (1) + \uparrow M2_{-48}(\downarrow m7_{+48})$

$8947 = 23^{1}\bullet 389^{1} = \mathbf{(1) + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow P5_{+24}(\downarrow P4_{-24})^{1}} = (1) + \uparrow M2_{-47}(\downarrow m7_{+47})$

$8948 = 2^{2}\bullet 2237^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M2_{-47}(\downarrow m7_{+47})^{1}} = (1) + \uparrow M2_{-47}(\downarrow m7_{+47})$

$8949 = 3^{1}\bullet 19^{1}\bullet 157^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow M3_{-46}(\downarrow m6_{+46})^{1}} = (1) + \uparrow M2_{-47}(\downarrow m7_{+47})$

$8950 = 2^{1}\bullet 5^{2}\bullet 179^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow tt_{-19}(\downarrow tt_{+19})^{1}} = (1) + \uparrow M2_{-47}(\downarrow m7_{+47})$

$8951 = 8951^{1} = \mathbf{(1) + \uparrow M2_{-47}(\downarrow m7_{+47})}$

$8952 = 2^{3}\bullet 3^{1}\bullet 373^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow P5_{-48}(\downarrow P4_{+48})^{1}} = (1) + \uparrow M2_{-46}(\downarrow m7_{+46})$

$8953 = 7^{1}\bullet 1279^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M3_{-15}(\downarrow m6_{+15})^{1}} = (1) + \uparrow M2_{-46}(\downarrow m7_{+46})$

$8954 = 2^{1}\bullet 11^{2}\bullet 37^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{2} + \uparrow m3_{-49}(\downarrow M6_{+49})^{1}} = (1) + \uparrow M2_{-46}(\downarrow m7_{+46})$

$8955 = 3^{2}\bullet 5^{1}\bullet 199^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m6_{-36}(\downarrow M3_{+36})^{1}} = (1) + \uparrow M2_{-46}(\downarrow m7_{+46})$

$8956 = 2^{2}\bullet 2239^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M2_{-46}(\downarrow m7_{+46})^{1}} = (1) + \uparrow M2_{-46}(\downarrow m7_{+46})$

$8957 = 13^{2}\bullet 53^{1} = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^{2} + \uparrow M6_{-26}(\downarrow m3_{+26})^{1}} = (1) + \uparrow M2_{-45}(\downarrow m7_{+45})$

$8958 = 2^{1}\bullet 3^{1}\bullet 1493^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow P5_{-47}(\downarrow P4_{+47})^{1}} = (1) + \uparrow M2_{-45}(\downarrow m7_{+45})$

$8959 = 17^{2}\bullet 31^{1} = \mathbf{(1) + \uparrow m2_{+5}(\downarrow M7_{-5})^{2} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1}} = (1) + \uparrow M2_{-45}(\downarrow m7_{+45})$

$8960 = 2^{8}\bullet5^{1}\bullet7^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{8} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1}} = (1) + \uparrow M2_{-45}(\downarrow m7_{+45})$

$8961 = 3^{1}\bullet29^{1}\bullet103^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1} + \uparrow m6_{+24}(\downarrow M3_{-24})^{1}} = (1) + \uparrow M2_{-45}(\downarrow m7_{+45})$

$8962 = 2^{1}\bullet4481^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M2_{-44}(\downarrow m7_{+44})^{1}} = (1) + \uparrow M2_{-44}(\downarrow m7_{+44})$

$8963 = 8963^{1} = \mathbf{(1) + \uparrow M2_{-44}(\downarrow m7_{+44})}$

$8964 = 2^{2}\bullet3^{3}\bullet83^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow P4_{-50}(\downarrow P5_{+50})^{1}} = (1) + \uparrow M2_{-44}(\downarrow m7_{+44})$

$8965 = 5^{1}\bullet11^{1}\bullet163^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow M3_{+18}(\downarrow m6_{-18})^{1}} = (1) + \uparrow M2_{-44}(\downarrow m7_{+44})$

$8966 = 2^{1}\bullet4483^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M2_{-44}(\downarrow m7_{+44})^{1}} = (1) + \uparrow M2_{-44}(\downarrow m7_{+44})$

$8967 = 3^{1}\bullet7^{2}\bullet61^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{2} + \uparrow M7_{+17}(\downarrow m2_{-17})^{1}} = (1) + \uparrow M2_{-44}(\downarrow m7_{+44})$

$8968 = 2^{3}\bullet19^{1}\bullet59^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow M7_{-41}(\downarrow m2_{+41})^{1}} = (1) + \uparrow M2_{-43}(\downarrow m7_{+43})$

$8969 = 8969^{1} = \mathbf{(1) + \uparrow M2_{-43}(\downarrow m7_{+43})}$

$8970 = 2^{1}\bullet3^{1}\bullet5^{1}\bullet13^{1}\bullet23^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1}} =$

$(1) + \uparrow M2_{-43}(\downarrow m7_{+43})$

$8971 = 8971^{1} = \mathbf{(1) + \uparrow M2_{-43}(\downarrow m7_{+43})}$

$8972 = 2^{2}\bullet2243^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M2_{-43}(\downarrow m7_{+43})^{1}} = (1) + \uparrow M2_{-43}(\downarrow m7_{+43})$

$8973 = 3^{2}\bullet997^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow 8ve_{-46}(\downarrow uni_{+46})^{1}} = (1) + \uparrow M2_{-42}(\downarrow m7_{+42})$

$8974 = 2^{1}\bullet7^{1}\bullet641^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M3_{-11}(\downarrow m6_{+11})^{1}} = (1) + \uparrow M2_{-42}(\downarrow m7_{+42})$

$8975 = 5^{2}\bullet359^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow tt_{-15}(\downarrow tt_{+15})^{1}} = (1) + \uparrow M2_{-42}(\downarrow m7_{+42})$

$8976 = 2^{4}\bullet3^{1}\bullet11^{1}\bullet17^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1}} = (1) + \uparrow M2_{-42}(\downarrow m7_{+42})$

$8977 = 47^{1}\bullet191^{1} = \mathbf{(1) + \uparrow P5_{-34}(\downarrow P4_{+34})^{1} + \uparrow P5_{-7}(\downarrow P4_{+7})^{1}} = (1) + \uparrow M2_{-42}(\downarrow m7_{+42})$

$8978 = 2^{1}\bullet67^{2} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m2_{-21}(\downarrow M7_{+21})^{2}} = (1) + \uparrow M2_{-41}(\downarrow m7_{+41})$

$8979 = 3^{1}\bullet41^{1}\bullet73^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{+29}(\downarrow m6_{-29})^{1} + \uparrow M2_{+28}(\downarrow m7_{-28})^{1}} = (1) + \uparrow M2_{-41}(\downarrow m7_{+41})$

$8980 = 2^{2}\bullet5^{1}\bullet449^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-27}(\downarrow M2_{+27})^{1}} = (1) + \uparrow M2_{-41}(\downarrow m7_{+41})$

$8981 = 7^{1}\bullet1283^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M3_{-10}(\downarrow m6_{+10})^{1}} = (1) + \uparrow M2_{-41}(\downarrow m7_{+41})$

$8982 = 2^{1}\bullet3^{2}\bullet499^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow 8ve_{-45}(\downarrow uni_{+45})^{1}} = (1) + \uparrow M2_{-41}(\downarrow m7_{+41})$

$8983 = 13^{1}\bullet691^{1} = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow P4_{+19}(\downarrow P5_{-19})^{1}} = (1) + \uparrow M2_{-40}(\downarrow m7_{+40})$

$8984 = 2^{3}\bullet1123^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow M2_{-40}(\downarrow m7_{+40})^{1}} = (1) + \uparrow M2_{-40}(\downarrow m7_{+40})$

$8985 = 3^{1}\bullet5^{1}\bullet599^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m3_{-28}(\downarrow M6_{+28})^{1}} = (1) + \uparrow M2_{-40}(\downarrow m7_{+40})$

$8986 = 2^{1}\bullet4493^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M2_{-40}(\downarrow m7_{+40})^{1}} = (1) + \uparrow M2_{-40}(\downarrow m7_{+40})$

$8987 = 11^{1}\bullet19^{1}\bullet43^{1} = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow P4_{+12}(\downarrow P5_{-12})^{1}} = (1) + \uparrow M2_{-40}(\downarrow m7_{+40})$

$8988 = 2^{2}\bullet3^{1}\bullet7^{1}\bullet107^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M6_{-10}(\downarrow m3_{+10})^{1}} = (1) + \uparrow M2_{-39}(\downarrow m7_{+39})$

$8989 = 89^{1}\bullet101^{1} = \mathbf{(1) + \uparrow tt_{-29}(\downarrow tt_{+29})^{1} + \uparrow m6_{-10}(\downarrow M3_{+10})^{1}} = (1) + \uparrow M2_{-39}(\downarrow m7_{+39})$

$8990 = 2^{1}\bullet5^{1}\bullet29^{1}\bullet31^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1}} = (1) + \uparrow M2_{-39}(\downarrow m7_{+39})$

$8991 = 3^{5}\bullet37^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{5} + \uparrow m3_{-49}(\downarrow M6_{+49})^{1}} = (1) + \uparrow M2_{-39}(\downarrow m7_{+39})$

$8992 = 2^{5}\bullet281^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{5} + \uparrow M2_{-39}(\downarrow m7_{+39})^{1}} = (1) + \uparrow M2_{-39}(\downarrow m7_{+39})$

$8993 = 17^{1}\bullet23^{2} = \mathbf{(1) + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{2}} = (1) + \uparrow M2_{-38}(\downarrow m7_{+38})$

$8994 = 2^{1}\bullet3^{1}\bullet1499^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow P5_{-40}(\downarrow P4_{+40})^{1}} = (1) + \uparrow M2_{-38}(\downarrow m7_{+38})$

$8995 = 5^{1}\bullet7^{1}\bullet257^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow uni_{+7}(\downarrow 8ve_{-7})^{1}} = (1) + \uparrow M2_{-38}(\downarrow m7_{+38})$

$8996 = 2^{2}\bullet13^{1}\bullet173^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow P4_{+22}(\downarrow P5_{-22})^{1}} = (1) + \uparrow M2_{-38}(\downarrow m7_{+38})$

$8997 = 3^{1}\bullet2999^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow P5_{-40}(\downarrow P4_{+40})^{1}} = (1) + \uparrow M2_{-38}(\downarrow m7_{+38})$

$8998 = 2^{1}\bullet11^{1}\bullet409^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m6_{+11}(\downarrow M3_{-11})^{1}} = (1) + \uparrow M2_{-38}(\downarrow m7_{+38})$

$8999 = 8999^{1} = \mathbf{(1) + \uparrow M2_{-37}(\downarrow m7_{+37})}$

$9000 = 2^{3}\bullet3^{2}\bullet5^{3} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{3}} = (1) + \uparrow M2_{-37}(\downarrow m7_{+37})$

$9001 = 9001^{1} = \mathbf{(1) + \uparrow M2_{-37}(\downarrow m7_{+37})}$

$9002 = 2^{1}\bullet 7^{1}\bullet 643^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M3_{-6}(\downarrow m6_{+6})^{1}} = (1) + \uparrow M2_{-37}(\downarrow m7_{+37})$

$9003 = 3^{1}\bullet 3001^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow P5_{-39}(\downarrow P4_{+39})^{1}} = (1) + \uparrow M2_{-37}(\downarrow m7_{+37})$

$9004 = 2^{2}\bullet 2251^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M2_{-36}(\downarrow m7_{+36})^{1}} = (1) + \uparrow M2_{-36}(\downarrow m7_{+36})$

$9005 = 5^{1}\bullet 1801^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-23}(\downarrow M2_{+23})^{1}} = (1) + \uparrow M2_{-36}(\downarrow m7_{+36})$

$9006 = 2^{1}\bullet 3^{1}\bullet 19^{1}\bullet 79^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow M3_{-35}(\downarrow m6_{+35})^{1}} = (1) + \uparrow M2_{-36}(\downarrow m7_{+36})$

$9007 = 9007^{1} = \mathbf{(1) + \uparrow M2_{-36}(\downarrow m7_{+36})}$

$9008 = 2^{4}\bullet 563^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow M2_{-36}(\downarrow m7_{+36})^{1}} = (1) + \uparrow M2_{-36}(\downarrow m7_{+36})$

$9009 = 3^{2}\bullet 7^{1}\bullet 11^{1}\bullet 13^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1}} = (1) + \uparrow M2_{-35}(\downarrow m7_{+35})$

$9010 = 2^{1}\bullet 5^{1}\bullet 17^{1}\bullet 53^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow M6_{-26}(\downarrow m3_{+26})^{1}} = (1) + \uparrow M2_{-35}(\downarrow m7_{+35})$

$9011 = 9011^{1} = \mathbf{(1) + \uparrow M2_{-35}(\downarrow m7_{+35})}$

$9012 = 2^{2}\bullet 3^{1}\bullet 751^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow P5_{-37}(\downarrow P4_{+37})^{1}} = (1) + \uparrow M2_{-35}(\downarrow m7_{+35})$

$9013 = 9013^{1} = \mathbf{(1) + \uparrow M2_{-35}(\downarrow m7_{+35})}$

$9014 = 2^{1}\bullet 4507^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M2_{-34}(\downarrow m7_{+34})^{1}} = (1) + \uparrow M2_{-34}(\downarrow m7_{+34})$

$9015 = 3^{1}\bullet 5^{1}\bullet 601^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m3_{-23}(\downarrow M6_{+23})^{1}} = (1) + \uparrow M2_{-34}(\downarrow m7_{+34})$

$9016 = 2^{3}\bullet 7^{2}\bullet 23^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow m7_{-31}(\downarrow M2_{+31})^{2} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1}} = (1) + \uparrow M2_{-34}(\downarrow m7_{+34})$

$9017 = 71^{1}\bullet 127^{1} = \mathbf{(1) + \uparrow M2_{-20}(\downarrow m7_{+20})^{1} + \uparrow 8ve_{-14}(\downarrow uni_{+14})^{1}} = (1) + \uparrow M2_{-34}(\downarrow m7_{+34})$

$9018 = 2^{1}\bullet 3^{3}\bullet 167^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow P4_{-40}(\downarrow P5_{+40})^{1}} = (1) + \uparrow M2_{-34}(\downarrow m7_{+34})$

$9019 = 29^{1}\bullet 311^{1} = \mathbf{(1) + \uparrow m7_{+30}(\downarrow M2_{-30})^{1} + \uparrow m3_{+37}(\downarrow M6_{-37})^{1}} = (1) + \uparrow M2_{-33}(\downarrow m7_{+33})$

$9020 = 2^{2}\bullet 5^{1}\bullet 11^{1}\bullet 41^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow M3_{+29}(\downarrow m6_{-29})^{1}} = (1) + \uparrow M2_{-33}(\downarrow m7_{+33})$

$9021 = 3^{1}\bullet 31^{1}\bullet 97^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1} + \uparrow P5_{+20}(\downarrow P4_{-20})^{1}} = (1) + \uparrow M2_{-33}(\downarrow m7_{+33})$

$9022 = 2^{1}\bullet 13^{1}\bullet 347^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow P4_{+27}(\downarrow P5_{-27})^{1}} = (1) + \uparrow M2_{-33}(\downarrow m7_{+33})$

$9023 = 7^{1}\bullet 1289^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M3_{-2}(\downarrow m6_{+2})^{1}} = (1) + \uparrow M2_{-33}(\downarrow m7_{+33})$

$9024 = 2^{6}\bullet 3^{1}\bullet 47^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{6} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow P5_{-34}(\downarrow P4_{+34})^{1}} = (1) + \uparrow M2_{-33}(\downarrow m7_{+33})$

$9025 = 5^{2}\bullet 19^{2} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow m3_{-2}(\downarrow M6_{+2})^{2}} = (1) + \uparrow M2_{-32}(\downarrow m7_{+32})$

$9026 = 2^{1}\bullet 4513^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M2_{-32}(\downarrow m7_{+32})^{1}} = (1) + \uparrow M2_{-32}(\downarrow m7_{+32})$

$9027 = 3^{2}\bullet 17^{1}\bullet 59^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow M7_{-41}(\downarrow m2_{+41})^{1}} = (1) + \uparrow M2_{-32}(\downarrow m7_{+32})$

$9028 = 2^{2}\bullet 37^{1}\bullet 61^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m3_{-49}(\downarrow M6_{+49})^{1} + \uparrow M7_{+17}(\downarrow m2_{-17})^{1}} = (1) + \uparrow M2_{-32}(\downarrow m7_{+32})$

$9029 = 9029^{1} = \mathbf{(1) + \uparrow M2_{-32}(\downarrow m7_{+32})}$

$9030 = 2^{1}\bullet 3^{1}\bullet 5^{1}\bullet 7^{1}\bullet 43^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow P4_{+12}(\downarrow P5_{-12})^{1}} =$

$(1) + \uparrow M2_{-31}(\downarrow m7_{+31})$

$9031 = 11^{1}\bullet 821^{1} = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m6_{+17}(\downarrow M3_{-17})^{1}} = (1) + \uparrow M2_{-31}(\downarrow m7_{+31})$

$9032 = 2^{3}\bullet 1129^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow M2_{-31}(\downarrow m7_{+31})^{1}} = (1) + \uparrow M2_{-31}(\downarrow m7_{+31})$

$9033 = 3^{1}\bullet 3011^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow P5_{-33}(\downarrow P4_{+33})^{1}} = (1) + \uparrow M2_{-31}(\downarrow m7_{+31})$

$9034 = 2^{1}\bullet 4517^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M2_{-31}(\downarrow m7_{+31})^{1}} = (1) + \uparrow M2_{-31}(\downarrow m7_{+31})$

$9035 = 5^{1}\bullet 13^{1}\bullet 139^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m2_{+43}(\downarrow M7_{-43})^{1}} = (1) + \uparrow M2_{-30}(\downarrow m7_{+30})$

$9036 = 2^{2}\bullet 3^{2}\bullet 251^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow 8ve_{-34}(\downarrow uni_{+34})^{1}} = (1) + \uparrow M2_{-30}(\downarrow m7_{+30})$

$9037 = 7^{1}\bullet 1291^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M3_{+1}(\downarrow m6_{-1})^{1}} = (1) + \uparrow M2_{-30}(\downarrow m7_{+30})$

$9038 = 2^{1}\bullet 4519^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M2_{-30}(\downarrow m7_{+30})^{1}} = (1) + \uparrow M2_{-30}(\downarrow m7_{+30})$

$9039 = 3^{1}\bullet 23^{1}\bullet 131^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow uni_{+40}(\downarrow 8ve_{-40})^{1}} = (1) + \uparrow M2_{-30}(\downarrow m7_{+30})$

$9040 = 2^{4}\bullet 5^{1}\bullet 113^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-16}(\downarrow M2_{+16})^{1}} = (1) + \uparrow M2_{-29}(\downarrow m7_{+29})$

$9041 = 9041^{1} = \mathbf{(1) + \uparrow M2_{-29}(\downarrow m7_{+29})}$

$9042 = 2^1 \bullet 3^1 \bullet 11^1 \bullet 137^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m2_{+18}(\downarrow M7_{-18})^1} = (1) + \uparrow M2_{-29}(\downarrow m7_{+29})$

$9043 = 9043^1 = \mathbf{(1) + \uparrow M2_{-29}(\downarrow m7_{+29})}$

$9044 = 2^2 \bullet 7^1 \bullet 17^1 \bullet 19^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1} = (1) + \uparrow M2_{-29}(\downarrow m7_{+29})$

$9045 = 3^3 \bullet 5^1 \bullet 67^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m2_{-21}(\downarrow M7_{+21})^1} = (1) + \uparrow M2_{-29}(\downarrow m7_{+29})$

$9046 = 2^1 \bullet 4523^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M2_{-28}(\downarrow m7_{+28})^1} = (1) + \uparrow M2_{-28}(\downarrow m7_{+28})$

$9047 = 83^1 \bullet 109^1 = \mathbf{(1) + \uparrow P4_{-50}(\downarrow P5_{+50})^1 + \uparrow M6_{+22}(\downarrow m3_{-22})^1} = (1) + \uparrow M2_{-28}(\downarrow m7_{+28})$

$9048 = 2^3 \bullet 3^1 \bullet 13^1 \bullet 29^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1} = (1) + \uparrow M2_{-28}(\downarrow m7_{+28})$

$9049 = 9049^1 = \mathbf{(1) + \uparrow M2_{-28}(\downarrow m7_{+28})}$

$9050 = 2^1 \bullet 5^2 \bullet 181^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow tt_{+0}(\downarrow tt_{-0})^1} = (1) + \uparrow M2_{-28}(\downarrow m7_{+28})$

$9051 = 3^1 \bullet 7^1 \bullet 431^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M6_{+2}(\downarrow m3_{-2})^1} = (1) + \uparrow M2_{-27}(\downarrow m7_{+27})$

$9052 = 2^2 \bullet 31^1 \bullet 73^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M7_{+45}(\downarrow m2_{-45})^1 + \uparrow M2_{+28}(\downarrow m7_{-28})^1} = (1) + \uparrow M2_{-27}(\downarrow m7_{+27})$

$9053 = 11^1 \bullet 823^1 = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m6_{+22}(\downarrow M3_{-22})^1} = (1) + \uparrow M2_{-27}(\downarrow m7_{+27})$

$9054 = 2^1 \bullet 3^2 \bullet 503^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow 8ve_{-31}(\downarrow uni_{+31})^1} = (1) + \uparrow M2_{-27}(\downarrow m7_{+27})$

$9055 = 5^1 \bullet 1811^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-13}(\downarrow M2_{+13})^1} = (1) + \uparrow M2_{-27}(\downarrow m7_{+27})$

$9056 = 2^5 \bullet 283^1 = \mathbf{(1) + \updownarrow 8ve(uni)^5 + \uparrow M2_{-26}(\downarrow m7_{+26})^1} = (1) + \uparrow M2_{-26}(\downarrow m7_{+26})$

$9057 = 3^1 \bullet 3019^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow P5_{-28}(\downarrow P4_{+28})^1} = (1) + \uparrow M2_{-26}(\downarrow m7_{+26})$

$9058 = 2^1 \bullet 7^1 \bullet 647^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M3_{+5}(\downarrow m6_{-5})^1} = (1) + \uparrow M2_{-26}(\downarrow m7_{+26})$

$9059 = 9059^1 = \mathbf{(1) + \uparrow M2_{-26}(\downarrow m7_{+26})}$

$9060 = 2^2 \bullet 3^1 \bullet 5^1 \bullet 151^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m3_{-14}(\downarrow M6_{+14})^1} = (1) + \uparrow M2_{-26}(\downarrow m7_{+26})$

$9061 = 13^1 \bullet 17^1 \bullet 41^1 = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow M3_{+29}(\downarrow m6_{-29})^1} = (1) + \uparrow M2_{-25}(\downarrow m7_{+25})$

$9062 = 2^1 \bullet 23^1 \bullet 197^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow P5_{+46}(\downarrow P4_{-46})^1} = (1) + \uparrow M2_{-25}(\downarrow m7_{+25})$

$9063 = 3^2 \bullet 19^1 \bullet 53^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow M6_{-26}(\downarrow m3_{+26})^1} = (1) + \uparrow M2_{-25}(\downarrow m7_{+25})$

$9064 = 2^3 \bullet 11^1 \bullet 103^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m6_{+24}(\downarrow M3_{-24})^1} = (1) + \uparrow M2_{-25}(\downarrow m7_{+25})$

$9065 = 5^1 \bullet 7^2 \bullet 37^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^2 + \uparrow m3_{-49}(\downarrow M6_{+49})^1} = (1) + \uparrow M2_{-25}(\downarrow m7_{+25})$

$9066 = 2^1 \bullet 3^1 \bullet 1511^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow P5_{-26}(\downarrow P4_{+26})^1} = (1) + \uparrow M2_{-24}(\downarrow m7_{+24})$

$9067 = 9067^1 = \mathbf{(1) + \uparrow M2_{-24}(\downarrow m7_{+24})}$

$9068 = 2^2 \bullet 2267^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M2_{-24}(\downarrow m7_{+24})^1} = (1) + \uparrow M2_{-24}(\downarrow m7_{+24})$

$9069 = 3^1 \bullet 3023^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow P5_{-26}(\downarrow P4_{+26})^1} = (1) + \uparrow M2_{-24}(\downarrow m7_{+24})$

$9070 = 2^1 \bullet 5^1 \bullet 907^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-10}(\downarrow M2_{+10})^1} = (1) + \uparrow M2_{-24}(\downarrow m7_{+24})$

$9071 = 47^1 \bullet 193^1 = \mathbf{(1) + \uparrow P5_{-34}(\downarrow P4_{+34})^1 + \uparrow P5_{+11}(\downarrow P4_{-11})^1} = (1) + \uparrow M2_{-24}(\downarrow m7_{+24})$

$9072 = 2^4 \bullet 3^4 \bullet 7^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow P5_{+2}(\downarrow P4_{-2})^4 + \uparrow m7_{-31}(\downarrow M2_{+31})^1} = (1) + \uparrow M2_{-23}(\downarrow m7_{+23})$

$9073 = 43^1 \bullet 211^1 = \mathbf{(1) + \uparrow P4_{+12}(\downarrow P5_{-12})^1 + \uparrow M6_{-35}(\downarrow m3_{+35})^1} = (1) + \uparrow M2_{-23}(\downarrow m7_{+23})$

$9074 = 2^1 \bullet 13^1 \bullet 349^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow P4_{+36}(\downarrow P5_{-36})^1} = (1) + \uparrow M2_{-23}(\downarrow m7_{+23})$

$9075 = 3^1 \bullet 5^2 \bullet 11^2 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow tt_{-49}(\downarrow tt_{+49})^2} = (1) + \uparrow M2_{-23}(\downarrow m7_{+23})$

$9076 = 2^2 \bullet 2269^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M2_{-23}(\downarrow m7_{+23})^1} = (1) + \uparrow M2_{-23}(\downarrow m7_{+23})$

$9077 = 29^1 \bullet 313^1 = \mathbf{(1) + \uparrow m7_{+30}(\downarrow M2_{-30})^1 + \uparrow m3_{+48}(\downarrow M6_{-48})^1} = (1) + \uparrow M2_{-22}(\downarrow m7_{+22})$

$9078 = 2^1 \bullet 3^1 \bullet 17^1 \bullet 89^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow tt_{-29}(\downarrow tt_{+29})^1} = (1) + \uparrow M2_{-22}(\downarrow m7_{+22})$

$9079 = 7^1 \bullet 1297^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M3_{+9}(\downarrow m6_{-9})^1} = (1) + \uparrow M2_{-22}(\downarrow m7_{+22})$

$9080 = 2^3 \bullet 5^1 \bullet 227^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-8}(\downarrow M2_{+8})^1} = (1) + \uparrow M2_{-22}(\downarrow m7_{+22})$

$9081 = 3^2 \bullet 1009^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow 8ve_{-26}(\downarrow uni_{+26})^1} = (1) + \uparrow M2_{-22}(\downarrow m7_{+22})$

$9082 = 2^1 \bullet 19^1 \bullet 239^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow M7_{-19}(\downarrow m2_{+19})^1} = (1) + \uparrow M2_{-21}(\downarrow m7_{+21})$

$9083 = 31^1 \bullet 293^1 = \mathbf{(1) + \uparrow M7_{+45}(\downarrow m2_{-45})^1 + \uparrow M2_{+34}(\downarrow m7_{-34})^1} = (1) + \uparrow M2_{-21}(\downarrow m7_{+21})$

$9084 = 2^{2}\bullet 3^{1}\bullet 757^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow P5_{-23}(\downarrow P4_{+23})^{1}} = (1) + \uparrow M2_{-21}(\downarrow m7_{+21})$

$9085 = 5^{1}\bullet 23^{1}\bullet 79^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow M3_{-35}(\downarrow m6_{+35})^{1}} = (1) + \uparrow M2_{-21}(\downarrow m7_{+21})$

$9086 = 2^{1}\bullet 7^{1}\bullet 11^{1}\bullet 59^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow M7_{-41}(\downarrow m2_{+41})^{1}} = (1) + \uparrow M2_{-21}(\downarrow m7_{+21})$

$9087 = 3^{1}\bullet 13^{1}\bullet 233^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m7_{+37}(\downarrow M2_{-37})^{1}} = (1) + \uparrow M2_{-20}(\downarrow m7_{+20})$

$9088 = 2^{7}\bullet 71^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{7} + \uparrow M2_{-20}(\downarrow m7_{+20})^{1}} = (1) + \uparrow M2_{-20}(\downarrow m7_{+20})$

$9089 = 61^{1}\bullet 149^{1} = \mathbf{(1) + \uparrow M7_{+17}(\downarrow m2_{-17})^{1} + \uparrow m3_{-37}(\downarrow M6_{+37})^{1}} = (1) + \uparrow M2_{-20}(\downarrow m7_{+20})$

$9090 = 2^{1}\bullet 3^{2}\bullet 5^{1}\bullet 101^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m6_{-10}(\downarrow M3_{+10})^{1}} = (1) + \uparrow M2_{-20}(\downarrow m7_{+20})$

$9091 = 9091^{1} = \mathbf{(1) + \uparrow M2_{-20}(\downarrow m7_{+20})}$

$9092 = 2^{2}\bullet 2273^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M2_{-20}(\downarrow m7_{+20})^{1}} = (1) + \uparrow M2_{-20}(\downarrow m7_{+20})$

$9093 = 3^{1}\bullet 7^{1}\bullet 433^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M6_{+10}(\downarrow m3_{-10})^{1}} = (1) + \uparrow M2_{-19}(\downarrow m7_{+19})$

$9094 = 2^{1}\bullet 4547^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M2_{-19}(\downarrow m7_{+19})^{1}} = (1) + \uparrow M2_{-19}(\downarrow m7_{+19})$

$9095 = 5^{1}\bullet 17^{1}\bullet 107^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow M6_{-10}(\downarrow m3_{+10})^{1}} = (1) + \uparrow M2_{-19}(\downarrow m7_{+19})$

$9096 = 2^{3}\bullet 3^{1}\bullet 379^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow P5_{-21}(\downarrow P4_{+21})^{1}} = (1) + \uparrow M2_{-19}(\downarrow m7_{+19})$

$9097 = 11^{1}\bullet 827^{1} = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m6_{+30}(\downarrow M3_{-30})^{1}} = (1) + \uparrow M2_{-19}(\downarrow m7_{+19})$

$9098 = 2^{1}\bullet 4549^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M2_{-18}(\downarrow m7_{+18})^{1}} = (1) + \uparrow M2_{-18}(\downarrow m7_{+18})$

$9099 = 3^{3}\bullet 337^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow P4_{-24}(\downarrow P5_{+24})^{1}} = (1) + \uparrow M2_{-18}(\downarrow m7_{+18})$

$9100 = 2^{2}\bullet 5^{2}\bullet 7^{1}\bullet 13^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1}} = (1) + \uparrow M2_{-18}(\downarrow m7_{+18})$

$9101 = 19^{1}\bullet 479^{1} = \mathbf{(1) + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow M7_{-15}(\downarrow m2_{+15})^{1}} = (1) + \uparrow M2_{-18}(\downarrow m7_{+18})$

$9102 = 2^{1}\bullet 3^{1}\bullet 37^{1}\bullet 41^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m3_{-49}(\downarrow M6_{+49})^{1} + \uparrow M3_{+29}(\downarrow m6_{-29})^{1}} = (1) + \uparrow M2_{-18}(\downarrow m7_{+18})$

$9103 = 9103^{1} = \mathbf{(1) + \uparrow M2_{-17}(\downarrow m7_{+17})}$

$9104 = 2^{4}\bullet 569^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow M2_{-17}(\downarrow m7_{+17})^{1}} = (1) + \uparrow M2_{-17}(\downarrow m7_{+17})$

$9105 = 3^{1}\bullet 5^{1}\bullet 607^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m3_{-5}(\downarrow M6_{+5})^{1}} = (1) + \uparrow M2_{-17}(\downarrow m7_{+17})$

$9106 = 2^{1}\bullet 29^{1}\bullet 157^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1} + \uparrow M3_{-46}(\downarrow m6_{+46})^{1}} = (1) + \uparrow M2_{-17}(\downarrow m7_{+17})$

$9107 = 7^{1}\bullet 1301^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M3_{+14}(\downarrow m6_{-14})^{1}} = (1) + \uparrow M2_{-17}(\downarrow m7_{+17})$

$9108 = 2^{2}\bullet 3^{2}\bullet 11^{1}\bullet 23^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1}} = (1) + \uparrow M2_{-16}(\downarrow m7_{+16})$

$9109 = 9109^{1} = \mathbf{(1) + \uparrow M2_{-16}(\downarrow m7_{+16})}$

$9110 = 2^{1}\bullet 5^{1}\bullet 911^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-2}(\downarrow M2_{+2})^{1}} = (1) + \uparrow M2_{-16}(\downarrow m7_{+16})$

$9111 = 3^{1}\bullet 3037^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow P5_{-18}(\downarrow P4_{+18})^{1}} = (1) + \uparrow M2_{-16}(\downarrow m7_{+16})$

$9112 = 2^{3}\bullet 17^{1}\bullet 67^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow m2_{-21}(\downarrow M7_{+21})^{1}} = (1) + \uparrow M2_{-16}(\downarrow m7_{+16})$

$9113 = 13^{1}\bullet 701^{1} = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow P4_{+44}(\downarrow P5_{-44})^{1}} = (1) + \uparrow M2_{-16}(\downarrow m7_{+16})$

$9114 = 2^{1}\bullet 3^{1}\bullet 7^{2}\bullet 31^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{2} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1}} = (1) + \uparrow M2_{-15}(\downarrow m7_{+15})$

$9115 = 5^{1}\bullet 1823^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-1}(\downarrow M2_{+1})^{1}} = (1) + \uparrow M2_{-15}(\downarrow m7_{+15})$

$9116 = 2^{2}\bullet 43^{1}\bullet 53^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P4_{+12}(\downarrow P5_{-12})^{1} + \uparrow M6_{-26}(\downarrow m3_{+26})^{1}} = (1) + \uparrow M2_{-15}(\downarrow m7_{+15})$

$9117 = 3^{2}\bullet 1013^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow 8ve_{-19}(\downarrow uni_{+19})^{1}} = (1) + \uparrow M2_{-15}(\downarrow m7_{+15})$

$9118 = 2^{1}\bullet 47^{1}\bullet 97^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{-34}(\downarrow P4_{+34})^{1} + \uparrow P5_{+20}(\downarrow P4_{-20})^{1}} = (1) + \uparrow M2_{-15}(\downarrow m7_{+15})$

$9119 = 11^{1}\bullet 829^{1} = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m6_{+34}(\downarrow M3_{-34})^{1}} = (1) + \uparrow M2_{-14}(\downarrow m7_{+14})$

$9120 = 2^{5}\bullet 3^{1}\bullet 5^{1}\bullet 19^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{5} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1}} = (1) + \uparrow M2_{-14}(\downarrow m7_{+14})$

$9121 = 7^{1}\bullet 1303^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M3_{+17}(\downarrow m6_{-17})^{1}} = (1) + \uparrow M2_{-14}(\downarrow m7_{+14})$

$9122 = 2^{1}\bullet 4561^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M2_{-14}(\downarrow m7_{+14})^{1}} = (1) + \uparrow M2_{-14}(\downarrow m7_{+14})$

$9123 = 3^{1}\bullet 3041^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow P5_{-16}(\downarrow P4_{+16})^{1}} = (1) + \uparrow M2_{-14}(\downarrow m7_{+14})$

$9124 = 2^{2}\bullet 2281^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M2_{-13}(\downarrow m7_{+13})^{1}} = (1) + \uparrow M2_{-13}(\downarrow m7_{+13})$

$9125 = 5^{3}\bullet 73^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{3} + \uparrow M2_{+28}(\downarrow m7_{-28})^{1}} = (1) + \uparrow M2_{-13}(\downarrow m7_{+13})$

$9126 = 2^1 \bullet 3^3 \bullet 13^2 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow m6_{+41}(\downarrow M3_{-41})^2} = (1) + \uparrow M2_{-13}(\downarrow m7_{+13})$

$9127 = 9127^1 = \mathbf{(1) + \uparrow M2_{-13}(\downarrow m7_{+13})}$

$9128 = 2^3 \bullet 7^1 \bullet 163^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M3_{+18}(\downarrow m6_{-18})^1} = (1) + \uparrow M2_{-13}(\downarrow m7_{+13})$

$9129 = 3^1 \bullet 17^1 \bullet 179^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow tt_{-19}(\downarrow tt_{+19})^1} = (1) + \uparrow M2_{-13}(\downarrow m7_{+13})$

$9130 = 2^1 \bullet 5^1 \bullet 11^1 \bullet 83^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow P4_{-50}(\downarrow P5_{+50})^1} = (1) + \uparrow M2_{-12}(\downarrow m7_{+12})$

$9131 = 23^1 \bullet 397^1 = \mathbf{(1) + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow m6_{-40}(\downarrow M3_{+40})^1} = (1) + \uparrow M2_{-12}(\downarrow m7_{+12})$

$9132 = 2^2 \bullet 3^1 \bullet 761^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow P5_{-14}(\downarrow P4_{+14})^1} = (1) + \uparrow M2_{-12}(\downarrow m7_{+12})$

$9133 = 9133^1 = \mathbf{(1) + \uparrow M2_{-12}(\downarrow m7_{+12})}$

$9134 = 2^1 \bullet 4567^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M2_{-12}(\downarrow m7_{+12})^1} = (1) + \uparrow M2_{-12}(\downarrow m7_{+12})$

$9135 = 3^2 \bullet 5^1 \bullet 7^1 \bullet 29^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1} = (1) + \uparrow M2_{-11}(\downarrow m7_{+11})$

$9136 = 2^4 \bullet 571^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow M2_{-11}(\downarrow m7_{+11})^1} = (1) + \uparrow M2_{-11}(\downarrow m7_{+11})$

$9137 = 9137^1 = \mathbf{(1) + \uparrow M2_{-11}(\downarrow m7_{+11})}$

$9138 = 2^1 \bullet 3^1 \bullet 1523^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow P5_{-13}(\downarrow P4_{+13})^1} = (1) + \uparrow M2_{-11}(\downarrow m7_{+11})$

$9139 = 13^1 \bullet 19^1 \bullet 37^1 = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow m3_{-49}(\downarrow M6_{+49})^1} = (1) + \uparrow M2_{-11}(\downarrow m7_{+11})$

$9140 = 2^2 \bullet 5^1 \bullet 457^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{+3}(\downarrow M2_{-3})^1} = (1) + \uparrow M2_{-10}(\downarrow m7_{+10})$

$9141 = 3^1 \bullet 11^1 \bullet 277^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m2_{+36}(\downarrow M7_{-36})^1} = (1) + \uparrow M2_{-10}(\downarrow m7_{+10})$

$9142 = 2^1 \bullet 7^1 \bullet 653^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M3_{+21}(\downarrow m6_{-21})^1} = (1) + \uparrow M2_{-10}(\downarrow m7_{+10})$

$9143 = 41^1 \bullet 223^1 = \mathbf{(1) + \uparrow M3_{+29}(\downarrow m6_{-29})^1 + \uparrow m7_{-39}(\downarrow M2_{+39})^1} = (1) + \uparrow M2_{-10}(\downarrow m7_{+10})$

$9144 = 2^3 \bullet 3^2 \bullet 127^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow 8ve_{-14}(\downarrow uni_{+14})^1} = (1) + \uparrow M2_{-10}(\downarrow m7_{+10})$

$9145 = 5^1 \bullet 31^1 \bullet 59^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M7_{+45}(\downarrow m2_{-45})^1 + \uparrow M7_{-41}(\downarrow m2_{+41})^1} = (1) + \uparrow M2_{-9}(\downarrow m7_{+9})$

$9146 = 2^1 \bullet 17^1 \bullet 269^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow m2_{-14}(\downarrow M7_{+14})^1} = (1) + \uparrow M2_{-9}(\downarrow m7_{+9})$

$9147 = 3^1 \bullet 3049^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow P5_{-11}(\downarrow P4_{+11})^1} = (1) + \uparrow M2_{-9}(\downarrow m7_{+9})$

$9148 = 2^2 \bullet 2287^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M2_{-9}(\downarrow m7_{+9})^1} = (1) + \uparrow M2_{-9}(\downarrow m7_{+9})$

$9149 = 7^1 \bullet 1307^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M3_{+22}(\downarrow m6_{-22})^1} = (1) + \uparrow M2_{-9}(\downarrow m7_{+9})$

$9150 = 2^1 \bullet 3^1 \bullet 5^2 \bullet 61^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow M7_{+17}(\downarrow m2_{-17})^1} = (1) + \uparrow M2_{-9}(\downarrow m7_{+9})$

$9151 = 9151^1 = \mathbf{(1) + \uparrow M2_{-8}(\downarrow m7_{+8})}$

$9152 = 2^6 \bullet 11^1 \bullet 13^1 = \mathbf{(1) + \updownarrow 8ve(uni)^6 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1} = (1) + \uparrow M2_{-8}(\downarrow m7_{+8})$

$9153 = 3^4 \bullet 113^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^4 + \uparrow m7_{-16}(\downarrow M2_{+16})^1} = (1) + \uparrow M2_{-8}(\downarrow m7_{+8})$

$9154 = 2^1 \bullet 23^1 \bullet 199^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow m6_{-36}(\downarrow M3_{+36})^1} = (1) + \uparrow M2_{-8}(\downarrow m7_{+8})$

$9155 = 5^1 \bullet 1831^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{+6}(\downarrow M2_{-6})^1} = (1) + \uparrow M2_{-8}(\downarrow m7_{+8})$

$9156 = 2^2 \bullet 3^1 \bullet 7^1 \bullet 109^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M6_{+22}(\downarrow m3_{-22})^1} = (1) + \uparrow M2_{-7}(\downarrow m7_{+7})$

$9157 = 9157^1 = \mathbf{(1) + \uparrow M2_{-7}(\downarrow m7_{+7})}$

$9158 = 2^1 \bullet 19^1 \bullet 241^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow M7_{-5}(\downarrow m2_{+5})^1} = (1) + \uparrow M2_{-7}(\downarrow m7_{+7})$

$9159 = 3^1 \bullet 43^1 \bullet 71^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow P4_{+12}(\downarrow P5_{-12})^1 + \uparrow M2_{-20}(\downarrow m7_{+20})^1} = (1) + \uparrow M2_{-7}(\downarrow m7_{+7})$

$9160 = 2^3 \bullet 5^1 \bullet 229^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{+7}(\downarrow M2_{-7})^1} = (1) + \uparrow M2_{-7}(\downarrow m7_{+7})$

$9161 = 9161^1 = \mathbf{(1) + \uparrow M2_{-6}(\downarrow m7_{+6})}$

$9162 = 2^1 \bullet 3^2 \bullet 509^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow 8ve_{-10}(\downarrow uni_{+10})^1} = (1) + \uparrow M2_{-6}(\downarrow m7_{+6})$

$9163 = 7^2 \bullet 11^1 \bullet 17^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^2 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1} = (1) + \uparrow M2_{-6}(\downarrow m7_{+6})$

$9164 = 2^2 \bullet 29^1 \bullet 79^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m7_{+30}(\downarrow M2_{-30})^1 + \uparrow M3_{-35}(\downarrow m6_{+35})^1} = (1) + \uparrow M2_{-6}(\downarrow m7_{+6})$

$9165 = 3^1 \bullet 5^1 \bullet 13^1 \bullet 47^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow P5_{-34}(\downarrow P4_{+34})^1} = (1) + \uparrow M2_{-6}(\downarrow m7_{+6})$

$9166 = 2^1 \bullet 4583^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M2_{-6}(\downarrow m7_{+6})^1} = (1) + \uparrow M2_{-6}(\downarrow m7_{+6})$

$9167 = 89^1 \bullet 103^1 = \mathbf{(1) + \uparrow tt_{-29}(\downarrow tt_{+29})^1 + \uparrow m6_{+24}(\downarrow M3_{-24})^1} = (1) + \uparrow M2_{-5}(\downarrow m7_{+5})$

$9168 = 2^{4}\bullet 3^{1}\bullet 191^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow P5_{-7}(\downarrow P4_{+7})^{1}} = (1) + \uparrow M2_{-5}(\downarrow m7_{+5})$

$9169 = 53^{1}\bullet 173^{1} = \mathbf{(1) + \uparrow M6_{-26}(\downarrow m3_{+26})^{1} + \uparrow P4_{+22}(\downarrow P5_{-22})^{1}} = (1) + \uparrow M2_{-5}(\downarrow m7_{+5})$

$9170 = 2^{1}\bullet 5^{1}\bullet 7^{1}\bullet 131^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow uni_{+40}(\downarrow 8ve_{-40})^{1}} = (1) + \uparrow M2_{-5}(\downarrow m7_{+5})$

$9171 = 3^{2}\bullet 1019^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow 8ve_{-8}(\downarrow uni_{+8})^{1}} = (1) + \uparrow M2_{-5}(\downarrow m7_{+5})$

$9172 = 2^{2}\bullet 2293^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M2_{-4}(\downarrow m7_{+4})^{1}} = (1) + \uparrow M2_{-4}(\downarrow m7_{+4})$

$9173 = 9173^{1} = \mathbf{(1) + \uparrow M2_{-4}(\downarrow m7_{+4})}$

$9174 = 2^{1}\bullet 3^{1}\bullet 11^{1}\bullet 139^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m2_{+43}(\downarrow M7_{-43})^{1}} = (1) + \uparrow M2_{-4}(\downarrow m7_{+4})$

$9175 = 5^{2}\bullet 367^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow tt_{+24}(\downarrow tt_{-24})^{1}} = (1) + \uparrow M2_{-4}(\downarrow m7_{+4})$

$9176 = 2^{3}\bullet 31^{1}\bullet 37^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1} + \uparrow m3_{-49}(\downarrow M6_{+49})^{1}} = (1) + \uparrow M2_{-4}(\downarrow m7_{+4})$

$9177 = 3^{1}\bullet 7^{1}\bullet 19^{1}\bullet 23^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1}} = (1) + \uparrow M2_{-3}(\downarrow m7_{+3})$

$9178 = 2^{1}\bullet 13^{1}\bullet 353^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow tt_{-44}(\downarrow tt_{+44})^{1}} = (1) + \uparrow M2_{-3}(\downarrow m7_{+3})$

$9179 = 67^{1}\bullet 137^{1} = \mathbf{(1) + \uparrow m2_{-21}(\downarrow M7_{+21})^{1} + \uparrow m2_{+18}(\downarrow M7_{-18})^{1}} = (1) + \uparrow M2_{-3}(\downarrow m7_{+3})$

$9180 = 2^{2}\bullet 3^{3}\bullet 5^{1}\bullet 17^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1}} = (1) + \uparrow M2_{-3}(\downarrow m7_{+3})$

$9181 = 9181^{1} = \mathbf{(1) + \uparrow M2_{-3}(\downarrow m7_{+3})}$

$9182 = 2^{1}\bullet 4591^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M2_{-2}(\downarrow m7_{+2})^{1}} = (1) + \uparrow M2_{-2}(\downarrow m7_{+2})$

$9183 = 3^{1}\bullet 3061^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow P5_{-4}(\downarrow P4_{+4})^{1}} = (1) + \uparrow M2_{-2}(\downarrow m7_{+2})$

$9184 = 2^{5}\bullet 7^{1}\bullet 41^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{5} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M3_{+29}(\downarrow m6_{-29})^{1}} = (1) + \uparrow M2_{-2}(\downarrow m7_{+2})$

$9185 = 5^{1}\bullet 11^{1}\bullet 167^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow P4_{-40}(\downarrow P5_{+40})^{1}} = (1) + \uparrow M2_{-2}(\downarrow m7_{+2})$

$9186 = 2^{1}\bullet 3^{1}\bullet 1531^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow P5_{-4}(\downarrow P4_{+4})^{1}} = (1) + \uparrow M2_{-2}(\downarrow m7_{+2})$

$9187 = 9187^{1} = \mathbf{(1) + \uparrow M2_{-2}(\downarrow m7_{+2})}$

$9188 = 2^{2}\bullet 2297^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M2_{-1}(\downarrow m7_{+1})^{1}} = (1) + \uparrow M2_{-1}(\downarrow m7_{+1})$

$9189 = 3^{2}\bullet 1021^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow 8ve_{-5}(\downarrow uni_{+5})^{1}} = (1) + \uparrow M2_{-1}(\downarrow m7_{+1})$

$9190 = 2^{1}\bullet 5^{1}\bullet 919^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{+13}(\downarrow M2_{-13})^{1}} = (1) + \uparrow M2_{-1}(\downarrow m7_{+1})$

$9191 = 7^{1}\bullet 13^{1}\bullet 101^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m6_{-10}(\downarrow M3_{+10})^{1}} = (1) + \uparrow M2_{-1}(\downarrow m7_{+1})$

$9192 = 2^{3}\bullet 3^{1}\bullet 383^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow P5_{-3}(\downarrow P4_{+3})^{1}} = (1) + \uparrow M2_{-1}(\downarrow m7_{+1})$

$9193 = 29^{1}\bullet 317^{1} = \mathbf{(1) + \uparrow m7_{+30}(\downarrow M2_{-30})^{1} + \uparrow M3_{-30}(\downarrow m6_{+30})^{1}} = (1) + \uparrow M2_{+0}(\downarrow m7_{-0})$

$9194 = 2^{1}\bullet 4597^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M2_{+0}(\downarrow m7_{-0})^{1}} = (1) + \uparrow M2_{+0}(\downarrow m7_{-0})$

$9195 = 3^{1}\bullet 5^{1}\bullet 613^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m3_{+12}(\downarrow M6_{-12})^{1}} = (1) + \uparrow M2_{+0}(\downarrow m7_{-0})$

$9196 = 2^{2}\bullet 11^{2}\bullet 19^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow tt_{-49}(\downarrow tt_{+49})^{2} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1}} = (1) + \uparrow M2_{+0}(\downarrow m7_{-0})$

$9197 = 17^{1}\bullet 541^{1} = \mathbf{(1) + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow m2_{-5}(\downarrow M7_{+5})^{1}} = (1) + \uparrow M2_{+0}(\downarrow m7_{-0})$

$9198 = 2^{1}\bullet 3^{2}\bullet 7^{1}\bullet 73^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M2_{+28}(\downarrow m7_{-28})^{1}} = (1) + \uparrow M2_{+1}(\downarrow m7_{-1})$

$9199 = 9199^{1} = \mathbf{(1) + \uparrow M2_{+1}(\downarrow m7_{-1})}$

$9200 = 2^{4}\bullet 5^{2}\bullet 23^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1}} = (1) + \uparrow M2_{+1}(\downarrow m7_{-1})$

$9201 = 3^{1}\bullet 3067^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow P5_{-1}(\downarrow P4_{+1})^{1}} = (1) + \uparrow M2_{+1}(\downarrow m7_{-1})$

$9202 = 2^{1}\bullet 43^{1}\bullet 107^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P4_{+12}(\downarrow P5_{-12})^{1} + \uparrow M6_{-10}(\downarrow m3_{+10})^{1}} = (1) + \uparrow M2_{+1}(\downarrow m7_{-1})$

$9203 = 9203^{1} = \mathbf{(1) + \uparrow M2_{+1}(\downarrow m7_{-1})}$

$9204 = 2^{2}\bullet 3^{1}\bullet 13^{1}\bullet 59^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow M7_{-41}(\downarrow m2_{+41})^{1}} = (1) + \uparrow M2_{+2}(\downarrow m7_{-2})$

$9205 = 5^{1}\bullet 7^{1}\bullet 263^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow uni_{+47}(\downarrow 8ve_{-47})^{1}} = (1) + \uparrow M2_{+2}(\downarrow m7_{-2})$

$9206 = 2^{1}\bullet 4603^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M2_{+2}(\downarrow m7_{-2})^{1}} = (1) + \uparrow M2_{+2}(\downarrow m7_{-2})$

$9207 = 3^{3}\bullet 11^{1}\bullet 31^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1}} = (1) + \uparrow M2_{+2}(\downarrow m7_{-2})$

$9208 = 2^{3}\bullet 1151^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow M2_{+2}(\downarrow m7_{-2})^{1}} = (1) + \uparrow M2_{+2}(\downarrow m7_{-2})$

$9209 = 9209^{1} = \mathbf{(1) + \uparrow M2_{+3}(\downarrow m7_{-3})}$

$9210 = 2^1 \bullet 3^1 \bullet 5^1 \bullet 307^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m3_{+15}(\downarrow M6_{-15})^1} = (1) + \uparrow M2_{+3}(\downarrow m7_{-3})$

$9211 = 61^1 \bullet 151^1 = \mathbf{(1) + \uparrow M7_{+17}(\downarrow m2_{-17})^1 + \uparrow m3_{-14}(\downarrow M6_{+14})^1} = (1) + \uparrow M2_{+3}(\downarrow m7_{-3})$

$9212 = 2^2 \bullet 7^2 \bullet 47^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m7_{-31}(\downarrow M2_{+31})^2 + \uparrow P5_{-34}(\downarrow P4_{+34})^1} = (1) + \uparrow M2_{+3}(\downarrow m7_{-3})$

$9213 = 3^1 \bullet 37^1 \bullet 83^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m3_{-49}(\downarrow M6_{+49})^1 + \uparrow P4_{-50}(\downarrow P5_{+50})^1} = (1) + \uparrow M2_{+3}(\downarrow m7_{-3})$

$9214 = 2^1 \bullet 17^1 \bullet 271^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow m2_{-1}(\downarrow M7_{+1})^1} = (1) + \uparrow M2_{+4}(\downarrow m7_{-4})$

$9215 = 5^1 \bullet 19^1 \bullet 97^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow P5_{+20}(\downarrow P4_{-20})^1} = (1) + \uparrow M2_{+4}(\downarrow m7_{-4})$

$9216 = 2^{10} \bullet 3^2 = \mathbf{(1) + \updownarrow 8ve(uni)^{10} + \uparrow P5_{+2}(\downarrow P4_{-2})^2} = (1) + \uparrow M2_{+4}(\downarrow m7_{-4})$

$9217 = 13^1 \bullet 709^1 = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow tt_{-36}(\downarrow tt_{+36})^1} = (1) + \uparrow M2_{+4}(\downarrow m7_{-4})$

$9218 = 2^1 \bullet 11^1 \bullet 419^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow M6_{-47}(\downarrow m3_{+47})^1} = (1) + \uparrow M2_{+4}(\downarrow m7_{-4})$

$9219 = 3^1 \bullet 7^1 \bullet 439^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M6_{+34}(\downarrow m3_{-34})^1} = (1) + \uparrow M2_{+4}(\downarrow m7_{-4})$

$9220 = 2^2 \bullet 5^1 \bullet 461^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{+18}(\downarrow M2_{-18})^1} = (1) + \uparrow M2_{+5}(\downarrow m7_{-5})$

$9221 = 9221^1 = \mathbf{(1) + \uparrow M2_{+5}(\downarrow m7_{-5})}$

$9222 = 2^1 \bullet 3^1 \bullet 29^1 \bullet 53^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1 + \uparrow M6_{-26}(\downarrow m3_{+26})^1} = (1) + \uparrow M2_{+5}(\downarrow m7_{-5})$

$9223 = 23^1 \bullet 401^1 = \mathbf{(1) + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow m6_{-23}(\downarrow M3_{+23})^1} = (1) + \uparrow M2_{+5}(\downarrow m7_{-5})$

$9224 = 2^3 \bullet 1153^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow M2_{+5}(\downarrow m7_{-5})^1} = (1) + \uparrow M2_{+5}(\downarrow m7_{-5})$

$9225 = 3^2 \bullet 5^2 \bullet 41^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow M3_{+29}(\downarrow m6_{-29})^1} = (1) + \uparrow M2_{+6}(\downarrow m7_{-6})$

$9226 = 2^1 \bullet 7^1 \bullet 659^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M3_{+37}(\downarrow m6_{-37})^1} = (1) + \uparrow M2_{+6}(\downarrow m7_{-6})$

$9227 = 9227^1 = \mathbf{(1) + \uparrow M2_{+6}(\downarrow m7_{-6})}$

$9228 = 2^2 \bullet 3^1 \bullet 769^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow P5_{+4}(\downarrow P4_{-4})^1} = (1) + \uparrow M2_{+6}(\downarrow m7_{-6})$

$9229 = 11^1 \bullet 839^1 = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow M6_{-45}(\downarrow m3_{+45})^1} = (1) + \uparrow M2_{+6}(\downarrow m7_{-6})$

$9230 = 2^1 \bullet 5^1 \bullet 13^1 \bullet 71^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow M2_{-20}(\downarrow m7_{+20})^1} = (1) + \uparrow M2_{+7}(\downarrow m7_{-7})$

$9231 = 3^1 \bullet 17^1 \bullet 181^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow tt_{+0}(\downarrow tt_{-0})^1} = (1) + \uparrow M2_{+7}(\downarrow m7_{-7})$

$9232 = 2^4 \bullet 577^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow M2_{+7}(\downarrow m7_{-7})^1} = (1) + \uparrow M2_{+7}(\downarrow m7_{-7})$

$9233 = 7^1 \bullet 1319^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M3_{+38}(\downarrow m6_{-38})^1} = (1) + \uparrow M2_{+7}(\downarrow m7_{-7})$

$9234 = 2^1 \bullet 3^5 \bullet 19^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^5 + \uparrow m3_{-2}(\downarrow M6_{+2})^1} = (1) + \uparrow M2_{+7}(\downarrow m7_{-7})$

$9235 = 5^1 \bullet 1847^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{+21}(\downarrow M2_{-21})^1} = (1) + \uparrow M2_{+7}(\downarrow m7_{-7})$

$9236 = 2^2 \bullet 2309^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M2_{+8}(\downarrow m7_{-8})^1} = (1) + \uparrow M2_{+8}(\downarrow m7_{-8})$

$9237 = 3^1 \bullet 3079^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow P5_{+6}(\downarrow P4_{-6})^1} = (1) + \uparrow M2_{+8}(\downarrow m7_{-8})$

$9238 = 2^1 \bullet 31^1 \bullet 149^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M7_{+45}(\downarrow m2_{-45})^1 + \uparrow m3_{-37}(\downarrow M6_{+37})^1} = (1) + \uparrow M2_{+8}(\downarrow m7_{-8})$

$9239 = 9239^1 = \mathbf{(1) + \uparrow M2_{+8}(\downarrow m7_{-8})}$

$9240 = 2^3 \bullet 3^1 \bullet 5^1 \bullet 7^1 \bullet 11^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1} =$

$(1) + \uparrow M2_{+8}(\downarrow m7_{-8})$

$9241 = 9241^1 = \mathbf{(1) + \uparrow M2_{+9}(\downarrow m7_{-9})}$

$9242 = 2^1 \bullet 4621^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M2_{+9}(\downarrow m7_{-9})^1} = (1) + \uparrow M2_{+9}(\downarrow m7_{-9})$

$9243 = 3^2 \bullet 13^1 \bullet 79^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow M3_{-35}(\downarrow m6_{+35})^1} = (1) + \uparrow M2_{+9}(\downarrow m7_{-9})$

$9244 = 2^2 \bullet 2311^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M2_{+9}(\downarrow m7_{-9})^1} = (1) + \uparrow M2_{+9}(\downarrow m7_{-9})$

$9245 = 5^1 \bullet 43^2 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow P4_{+12}(\downarrow P5_{-12})^2} = (1) + \uparrow M2_{+9}(\downarrow m7_{-9})$

$9246 = 2^1 \bullet 3^1 \bullet 23^1 \bullet 67^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow m2_{-21}(\downarrow M7_{+21})^1} = (1) + \uparrow M2_{+10}(\downarrow m7_{-10})$

$9247 = 7^1 \bullet 1321^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M3_{+41}(\downarrow m6_{-41})^1} = (1) + \uparrow M2_{+10}(\downarrow m7_{-10})$

$9248 = 2^5 \bullet 17^2 = \mathbf{(1) + \updownarrow 8ve(uni)^5 + \uparrow m2_{+5}(\downarrow M7_{-5})^2} = (1) + \uparrow M2_{+10}(\downarrow m7_{-10})$

$9249 = 3^1 \bullet 3083^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow P5_{+8}(\downarrow P4_{-8})^1} = (1) + \uparrow M2_{+10}(\downarrow m7_{-10})$

$9250 = 2^1 \bullet 5^3 \bullet 37^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^3 + \uparrow m3_{-49}(\downarrow M6_{+49})^1} = (1) + \uparrow M2_{+10}(\downarrow m7_{-10})$

$9251 = 11^1 \bullet 29^2 = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^2} = (1) + \uparrow M2_{+10}(\downarrow m7_{-10})$

$9252 = 2^2 \bullet 3^2 \bullet 257^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow uni_{+7}(\downarrow 8ve_{-7})^1} = (1) + \uparrow M2_{+11}(\downarrow m7_{-11})$

$9253 = 19^1 \bullet 487^1 = \mathbf{(1) + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow M7_{+13}(\downarrow m2_{-13})^1} = (1) + \uparrow M2_{+11}(\downarrow m7_{-11})$

$9254 = 2^1 \bullet 7^1 \bullet 661^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M3_{+42}(\downarrow m6_{-42})^1} = (1) + \uparrow M2_{+11}(\downarrow m7_{-11})$

$9255 = 3^1 \bullet 5^1 \bullet 617^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m3_{+23}(\downarrow M6_{-23})^1} = (1) + \uparrow M2_{+11}(\downarrow m7_{-11})$

$9256 = 2^3 \bullet 13^1 \bullet 89^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow tt_{-29}(\downarrow tt_{+29})^1} = (1) + \uparrow M2_{+11}(\downarrow m7_{-11})$

$9257 = 9257^1 = \mathbf{(1) + \uparrow M2_{+12}(\downarrow m7_{-12})}$

$9258 = 2^1 \bullet 3^1 \bullet 1543^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow P5_{+10}(\downarrow P4_{-10})^1} = (1) + \uparrow M2_{+12}(\downarrow m7_{-12})$

$9259 = 47^1 \bullet 197^1 = \mathbf{(1) + \uparrow P5_{-34}(\downarrow P4_{+34})^1 + \uparrow P5_{+46}(\downarrow P4_{-46})^1} = (1) + \uparrow M2_{+12}(\downarrow m7_{-12})$

$9260 = 2^2 \bullet 5^1 \bullet 463^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{+26}(\downarrow M2_{-26})^1} = (1) + \uparrow M2_{+12}(\downarrow m7_{-12})$

$9261 = 3^3 \bullet 7^3 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow m7_{-31}(\downarrow M2_{+31})^3} = (1) + \uparrow M2_{+12}(\downarrow m7_{-12})$

$9262 = 2^1 \bullet 11^1 \bullet 421^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow M6_{-39}(\downarrow m3_{+39})^1} = (1) + \uparrow M2_{+13}(\downarrow m7_{-13})$

$9263 = 59^1 \bullet 157^1 = \mathbf{(1) + \uparrow M7_{-41}(\downarrow m2_{+41})^1 + \uparrow M3_{-46}(\downarrow m6_{+46})^1} = (1) + \uparrow M2_{+13}(\downarrow m7_{-13})$

$9264 = 2^4 \bullet 3^1 \bullet 193^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow P5_{+11}(\downarrow P4_{-11})^1} = (1) + \uparrow M2_{+13}(\downarrow m7_{-13})$

$9265 = 5^1 \bullet 17^1 \bullet 109^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow M6_{+22}(\downarrow m3_{-22})^1} = (1) + \uparrow M2_{+13}(\downarrow m7_{-13})$

$9266 = 2^1 \bullet 41^1 \bullet 113^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{+29}(\downarrow m6_{-29})^1 + \uparrow m7_{-16}(\downarrow M2_{+16})^1} = (1) + \uparrow M2_{+13}(\downarrow m7_{-13})$

$9267 = 3^1 \bullet 3089^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow P5_{+12}(\downarrow P4_{-12})^1} = (1) + \uparrow M2_{+13}(\downarrow m7_{-13})$

$9268 = 2^2 \bullet 7^1 \bullet 331^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M3_{+45}(\downarrow m6_{-45})^1} = (1) + \uparrow M2_{+14}(\downarrow m7_{-14})$

$9269 = 13^1 \bullet 23^1 \bullet 31^1 = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow M7_{+45}(\downarrow m2_{-45})^1} = (1) + \uparrow M2_{+14}(\downarrow m7_{-14})$

$9270 = 2^1 \bullet 3^2 \bullet 5^1 \bullet 103^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m6_{+24}(\downarrow M3_{-24})^1} = (1) + \uparrow M2_{+14}(\downarrow m7_{-14})$

$9271 = 73^1 \bullet 127^1 = \mathbf{(1) + \uparrow M2_{+28}(\downarrow m7_{-28})^1 + \uparrow 8ve_{-14}(\downarrow uni_{+14})^1} = (1) + \uparrow M2_{+14}(\downarrow m7_{-14})$

$9272 = 2^3 \bullet 19^1 \bullet 61^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow M7_{+17}(\downarrow m2_{-17})^1} = (1) + \uparrow M2_{+14}(\downarrow m7_{-14})$

$9273 = 3^1 \bullet 11^1 \bullet 281^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow M2_{-39}(\downarrow m7_{+39})^1} = (1) + \uparrow M2_{+15}(\downarrow m7_{-15})$

$9274 = 2^1 \bullet 4637^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M2_{+15}(\downarrow m7_{-15})^1} = (1) + \uparrow M2_{+15}(\downarrow m7_{-15})$

$9275 = 5^2 \bullet 7^1 \bullet 53^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M6_{-26}(\downarrow m3_{+26})^1} = (1) + \uparrow M2_{+15}(\downarrow m7_{-15})$

$9276 = 2^2 \bullet 3^1 \bullet 773^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow P5_{+13}(\downarrow P4_{-13})^1} = (1) + \uparrow M2_{+15}(\downarrow m7_{-15})$

$9277 = 9277^1 = \mathbf{(1) + \uparrow M2_{+15}(\downarrow m7_{-15})}$

$9278 = 2^1 \bullet 4639^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M2_{+16}(\downarrow m7_{-16})^1} = (1) + \uparrow M2_{+16}(\downarrow m7_{-16})$

$9279 = 3^2 \bullet 1031^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow uni_{+12}(\downarrow 8ve_{-12})^1} = (1) + \uparrow M2_{+16}(\downarrow m7_{-16})$

$9280 = 2^6 \bullet 5^1 \bullet 29^1 = \mathbf{(1) + \updownarrow 8ve(uni)^6 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1} = (1) + \uparrow M2_{+16}(\downarrow m7_{-16})$

$9281 = 9281^1 = \mathbf{(1) + \uparrow M2_{+16}(\downarrow m7_{-16})}$

$9282 = 2^1 \bullet 3^1 \bullet 7^1 \bullet 13^1 \bullet 17^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1} =$

$(1) + \uparrow M2_{+16}(\downarrow m7_{-16})$

$9283 = 9283^1 = \mathbf{(1) + \uparrow M2_{+16}(\downarrow m7_{-16})}$

$9284 = 2^2 \bullet 11^1 \bullet 211^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow M6_{-35}(\downarrow m3_{+35})^1} = (1) + \uparrow M2_{+17}(\downarrow m7_{-17})$

$9285 = 3^1 \bullet 5^1 \bullet 619^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m3_{+29}(\downarrow M6_{-29})^1} = (1) + \uparrow M2_{+17}(\downarrow m7_{-17})$

$9286 = 2^1 \bullet 4643^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M2_{+17}(\downarrow m7_{-17})^1} = (1) + \uparrow M2_{+17}(\downarrow m7_{-17})$

$9287 = 37^1 \bullet 251^1 = \mathbf{(1) + \uparrow m3_{-49}(\downarrow M6_{+49})^1 + \uparrow 8ve_{-34}(\downarrow uni_{+34})^1} = (1) + \uparrow M2_{+17}(\downarrow m7_{-17})$

$9288 = 2^3 \bullet 3^3 \bullet 43^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow P4_{+12}(\downarrow P5_{-12})^1} = (1) + \uparrow M2_{+17}(\downarrow m7_{-17})$

$9289 = 7^1 \bullet 1327^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M3_{+49}(\downarrow m6_{-49})^1} = (1) + \uparrow M2_{+18}(\downarrow m7_{-18})$

$9290 = 2^1 \bullet 5^1 \bullet 929^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{+31}(\downarrow M2_{-31})^1} = (1) + \uparrow M2_{+18}(\downarrow m7_{-18})$

$9291 = 3^1 \bullet 19^1 \bullet 163^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow M3_{+18}(\downarrow m6_{-18})^1} = (1) + \uparrow M2_{+18}(\downarrow m7_{-18})$

$9292 = 2^2 \bullet 23^1 \bullet 101^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow m6_{-10}(\downarrow M3_{+10})^1} = (1) + \uparrow M2_{+18}(\downarrow m7_{-18})$

$9293 = 9293^1 = \mathbf{(1) + \uparrow M2_{+18}(\downarrow m7_{-18})}$

$9294 = 2^1 \bullet 3^1 \bullet 1549^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow P5_{+17}(\downarrow P4_{-17})^1} = (1) + \uparrow M2_{+19}(\downarrow m7_{-19})$

$9295 = 5^1 \bullet 11^1 \bullet 13^2 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^2} = (1) + \uparrow M2_{+19}(\downarrow m7_{-19})$

$9296 = 2^4 \bullet 7^1 \bullet 83^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow P4_{-50}(\downarrow P5_{+50})^1} = (1) + \uparrow M2_{+19}(\downarrow m7_{-19})$

$9297 = 3^2 \bullet 1033^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow uni_{+15}(\downarrow 8ve_{-15})^1} = (1) + \uparrow M2_{+19}(\downarrow m7_{-19})$

$9298 = 2^1 \bullet 4649^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M2_{+19}(\downarrow m7_{-19})^1} = (1) + \uparrow M2_{+19}(\downarrow m7_{-19})$

$9299 = 17^1 \bullet 547^1 = \mathbf{(1) + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow m2_{+14}(\downarrow M7_{-14})^1} = (1) + \uparrow M2_{+19}(\downarrow m7_{-19})$

$9300 = 2^2 \bullet 3^1 \bullet 5^2 \bullet 31^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow M7_{+45}(\downarrow m2_{-45})^1} = (1) + \uparrow M2_{+20}(\downarrow m7_{-20})$

$9301 = 71^1 \bullet 131^1 = \mathbf{(1) + \uparrow M2_{-20}(\downarrow m7_{+20})^1 + \uparrow uni_{+40}(\downarrow 8ve_{-40})^1} = (1) + \uparrow M2_{+20}(\downarrow m7_{-20})$

$9302 = 2^1 \bullet 4651^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M2_{+20}(\downarrow m7_{-20})^1} = (1) + \uparrow M2_{+20}(\downarrow m7_{-20})$

$9303 = 3^1 \bullet 7^1 \bullet 443^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M6_{+49}(\downarrow m3_{-49})^1} = (1) + \uparrow M2_{+20}(\downarrow m7_{-20})$

$9304 = 2^3 \bullet 1163^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow M2_{+20}(\downarrow m7_{-20})^1} = (1) + \uparrow M2_{+20}(\downarrow m7_{-20})$

$9305 = 5^1 \bullet 1861^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{+34}(\downarrow M2_{-34})^1} = (1) + \uparrow M2_{+21}(\downarrow m7_{-21})$

$9306 = 2^1 \bullet 3^2 \bullet 11^1 \bullet 47^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow P5_{-34}(\downarrow P4_{+34})^1} = (1) + \uparrow M2_{+21}(\downarrow m7_{-21})$

$9307 = 41^1 \bullet 227^1 = \mathbf{(1) + \uparrow M3_{+29}(\downarrow m6_{-29})^1 + \uparrow m7_{-8}(\downarrow M2_{+8})^1} = (1) + \uparrow M2_{+21}(\downarrow m7_{-21})$

$9308 = 2^2 \bullet 13^1 \bullet 179^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow tt_{-19}(\downarrow tt_{+19})^1} = (1) + \uparrow M2_{+21}(\downarrow m7_{-21})$

$9309 = 3^1 \bullet 29^1 \bullet 107^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1 + \uparrow M6_{-10}(\downarrow m3_{+10})^1} = (1) + \uparrow M2_{+21}(\downarrow m7_{-21})$

$9310 = 2^1 \bullet 5^1 \bullet 7^2 \bullet 19^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^2 + \uparrow m3_{-2}(\downarrow M6_{+2})^1} = (1) + \uparrow M2_{+21}(\downarrow m7_{-21})$

$9311 = 9311^1 = \mathbf{(1) + \uparrow M2_{+22}(\downarrow m7_{-22})}$

$9312 = 2^5 \bullet 3^1 \bullet 97^1 = \mathbf{(1) + \updownarrow 8ve(uni)^5 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow P5_{+20}(\downarrow P4_{-20})^1} = (1) + \uparrow M2_{+22}(\downarrow m7_{-22})$

$9313 = 67^1 \bullet 139^1 = \mathbf{(1) + \uparrow m2_{-21}(\downarrow M7_{+21})^1 + \uparrow m2_{+43}(\downarrow M7_{-43})^1} = (1) + \uparrow M2_{+22}(\downarrow m7_{-22})$

$9314 = 2^1 \bullet 4657^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M2_{+22}(\downarrow m7_{-22})^1} = (1) + \uparrow M2_{+22}(\downarrow m7_{-22})$

$9315 = 3^4 \bullet 5^1 \bullet 23^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^4 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1} = (1) + \uparrow M2_{+22}(\downarrow m7_{-22})$

$9316 = 2^2 \bullet 17^1 \bullet 137^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow m2_{+18}(\downarrow M7_{-18})^1} = (1) + \uparrow M2_{+23}(\downarrow m7_{-23})$

$9317 = 7^1 \bullet 11^3 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^3} = (1) + \uparrow M2_{+23}(\downarrow m7_{-23})$

$9318 = 2^1 \bullet 3^1 \bullet 1553^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow P5_{+21}(\downarrow P4_{-21})^1} = (1) + \uparrow M2_{+23}(\downarrow m7_{-23})$

$9319 = 9319^1 = \mathbf{(1) + \uparrow M2_{+23}(\downarrow m7_{-23})}$

$9320 = 2^3 \bullet 5^1 \bullet 233^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{+37}(\downarrow M2_{-37})^1} = (1) + \uparrow M2_{+23}(\downarrow m7_{-23})$

$9321 = 3^1 \bullet 13^1 \bullet 239^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow M7_{-19}(\downarrow m2_{+19})^1} = (1) + \uparrow M2_{+24}(\downarrow m7_{-24})$

$9322 = 2^1 \bullet 59^1 \bullet 79^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M7_{-41}(\downarrow m2_{+41})^1 + \uparrow M3_{-35}(\downarrow m6_{+35})^1} = (1) + \uparrow M2_{+24}(\downarrow m7_{-24})$

$9323 = 9323^1 = \mathbf{(1) + \uparrow M2_{+24}(\downarrow m7_{-24})}$

$9324 = 2^2 \bullet 3^2 \bullet 7^1 \bullet 37^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m3_{-49}(\downarrow M6_{+49})^1} = (1) + \uparrow M2_{+24}(\downarrow m7_{-24})$

$9325 = 5^2 \bullet 373^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow P5_{-48}(\downarrow P4_{+48})^1} = (1) + \uparrow M2_{+24}(\downarrow m7_{-24})$

$9326 = 2^1 \bullet 4663^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M2_{+24}(\downarrow m7_{-24})^1} = (1) + \uparrow M2_{+24}(\downarrow m7_{-24})$

$9327 = 3^1 \bullet 3109^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow P5_{+23}(\downarrow P4_{-23})^1} = (1) + \uparrow M2_{+25}(\downarrow m7_{-25})$

$9328 = 2^4 \bullet 11^1 \bullet 53^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow M6_{-26}(\downarrow m3_{+26})^1} = (1) + \uparrow M2_{+25}(\downarrow m7_{-25})$

$9329 = 19^1 \bullet 491^1 = \mathbf{(1) + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow M7_{+27}(\downarrow m2_{-27})^1} = (1) + \uparrow M2_{+25}(\downarrow m7_{-25})$

$9330 = 2^1 \bullet 3^1 \bullet 5^1 \bullet 311^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m3_{+37}(\downarrow M6_{-37})^1} = (1) + \uparrow M2_{+25}(\downarrow m7_{-25})$

$9331 = 7^1 \bullet 31^1 \bullet 43^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M7_{+45}(\downarrow m2_{-45})^1 + \uparrow P4_{+12}(\downarrow P5_{-12})^1} = (1) + \uparrow M2_{+25}(\downarrow m7_{-25})$

$9332 = 2^2 \bullet 2333^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M2_{+26}(\downarrow m7_{-26})^1} = (1) + \uparrow M2_{+26}(\downarrow m7_{-26})$

$9333 = 3^2 \bullet 17^1 \bullet 61^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow M7_{+17}(\downarrow m2_{-17})^1} = (1) + \uparrow M2_{+26}(\downarrow m7_{-26})$

$9334 = 2^{1}\bullet 13^{1}\bullet 359^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow tt_{-15}(\downarrow tt_{+15})^{1}} = (1) + \uparrow M2_{+26}(\downarrow m7_{-26})$

$9335 = 5^{1}\bullet 1867^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{+40}(\downarrow M2_{-40})^{1}} = (1) + \uparrow M2_{+26}(\downarrow m7_{-26})$

$9336 = 2^{3}\bullet 3^{1}\bullet 389^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow P5_{+24}(\downarrow P4_{-24})^{1}} = (1) + \uparrow M2_{+26}(\downarrow m7_{-26})$

$9337 = 9337^{1} = \mathbf{(1) + \uparrow M2_{+26}(\downarrow m7_{-26})}$

$9338 = 2^{1}\bullet 7^{1}\bullet 23^{1}\bullet 29^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1}} = (1) + \uparrow M2_{+27}(\downarrow m7_{-27})$

$9339 = 3^{1}\bullet 11^{1}\bullet 283^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow M2_{-26}(\downarrow m7_{+26})^{1}} = (1) + \uparrow M2_{+27}(\downarrow m7_{-27})$

$9340 = 2^{2}\bullet 5^{1}\bullet 467^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{+41}(\downarrow M2_{-41})^{1}} = (1) + \uparrow M2_{+27}(\downarrow m7_{-27})$

$9341 = 9341^{1} = \mathbf{(1) + \uparrow M2_{+27}(\downarrow m7_{-27})}$

$9342 = 2^{1}\bullet 3^{3}\bullet 173^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow P4_{+22}(\downarrow P5_{-22})^{1}} = (1) + \uparrow M2_{+27}(\downarrow m7_{-27})$

$9343 = 9343^{1} = \mathbf{(1) + \uparrow M2_{+28}(\downarrow m7_{-28})}$

$9344 = 2^{7}\bullet 73^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{7} + \uparrow M2_{+28}(\downarrow m7_{-28})^{1}} = (1) + \uparrow M2_{+28}(\downarrow m7_{-28})$

$9345 = 3^{1}\bullet 5^{1}\bullet 7^{1}\bullet 89^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow tt_{-29}(\downarrow tt_{+29})^{1}} = (1) + \uparrow M2_{+28}(\downarrow m7_{-28})$

$9346 = 2^{1}\bullet 4673^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M2_{+28}(\downarrow m7_{-28})^{1}} = (1) + \uparrow M2_{+28}(\downarrow m7_{-28})$

$9347 = 13^{1}\bullet 719^{1} = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow tt_{-12}(\downarrow tt_{+12})^{1}} = (1) + \uparrow M2_{+28}(\downarrow m7_{-28})$

$9348 = 2^{2}\bullet 3^{1}\bullet 19^{1}\bullet 41^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow M3_{+29}(\downarrow m6_{-29})^{1}} = (1) + \uparrow M2_{+29}(\downarrow m7_{-29})$

$9349 = 9349^{1} = \mathbf{(1) + \uparrow M2_{+29}(\downarrow m7_{-29})}$

$9350 = 2^{1}\bullet 5^{2}\bullet 11^{1}\bullet 17^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1}} = (1) + \uparrow M2_{+29}(\downarrow m7_{-29})$

$9351 = 3^{2}\bullet 1039^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow uni_{+25}(\downarrow 8ve_{-25})^{1}} = (1) + \uparrow M2_{+29}(\downarrow m7_{-29})$

$9352 = 2^{3}\bullet 7^{1}\bullet 167^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow P4_{-40}(\downarrow P5_{+40})^{1}} = (1) + \uparrow M2_{+29}(\downarrow m7_{-29})$

$9353 = 47^{1}\bullet 199^{1} = \mathbf{(1) + \uparrow P5_{-34}(\downarrow P4_{+34})^{1} + \uparrow m6_{-36}(\downarrow M3_{+36})^{1}} = (1) + \uparrow M2_{+29}(\downarrow m7_{-29})$

$9354 = 2^{1}\bullet 3^{1}\bullet 1559^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow P5_{+28}(\downarrow P4_{-28})^{1}} = (1) + \uparrow M2_{+30}(\downarrow m7_{-30})$

$9355 = 5^{1}\bullet 1871^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{+44}(\downarrow M2_{-44})^{1}} = (1) + \uparrow M2_{+30}(\downarrow m7_{-30})$

$9356 = 2^{2}\bullet 2339^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M2_{+30}(\downarrow m7_{-30})^{1}} = (1) + \uparrow M2_{+30}(\downarrow m7_{-30})$

$9357 = 3^{1}\bullet 3119^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow P5_{+28}(\downarrow P4_{-28})^{1}} = (1) + \uparrow M2_{+30}(\downarrow m7_{-30})$

$9358 = 2^{1}\bullet 4679^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M2_{+30}(\downarrow m7_{-30})^{1}} = (1) + \uparrow M2_{+30}(\downarrow m7_{-30})$

$9359 = 7^{2}\bullet 191^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{2} + \uparrow P5_{-7}(\downarrow P4_{+7})^{1}} = (1) + \uparrow M2_{+31}(\downarrow m7_{-31})$

$9360 = 2^{4}\bullet 3^{2}\bullet 5^{1}\bullet 13^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1}} = (1) + \uparrow M2_{+31}(\downarrow m7_{-31})$

$9361 = 11^{1}\bullet 23^{1}\bullet 37^{1} = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow m3_{-49}(\downarrow M6_{+49})^{1}} = (1) + \uparrow M2_{+31}(\downarrow m7_{-31})$

$9362 = 2^{1}\bullet 31^{1}\bullet 151^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1} + \uparrow m3_{-14}(\downarrow M6_{+14})^{1}} = (1) + \uparrow M2_{+31}(\downarrow m7_{-31})$

$9363 = 3^{1}\bullet 3121^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow P5_{+29}(\downarrow P4_{-29})^{1}} = (1) + \uparrow M2_{+31}(\downarrow m7_{-31})$

$9364 = 2^{2}\bullet 2341^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M2_{+31}(\downarrow m7_{-31})^{1}} = (1) + \uparrow M2_{+31}(\downarrow m7_{-31})$

$9365 = 5^{1}\bullet 1873^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{+45}(\downarrow M2_{-45})^{1}} = (1) + \uparrow M2_{+32}(\downarrow m7_{-32})$

$9366 = 2^{1}\bullet 3^{1}\bullet 7^{1}\bullet 223^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m7_{-39}(\downarrow M2_{+39})^{1}} = (1) + \uparrow M2_{+32}(\downarrow m7_{-32})$

$9367 = 17^{1}\bullet 19^{1}\bullet 29^{1} = \mathbf{(1) + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1}} = (1) + \uparrow M2_{+32}(\downarrow m7_{-32})$

$9368 = 2^{3}\bullet 1171^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow M2_{+32}(\downarrow m7_{-32})^{1}} = (1) + \uparrow M2_{+32}(\downarrow m7_{-32})$

$9369 = 3^{3}\bullet 347^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow P4_{+27}(\downarrow P5_{-27})^{1}} = (1) + \uparrow M2_{+32}(\downarrow m7_{-32})$

$9370 = 2^{1}\bullet 5^{1}\bullet 937^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{+46}(\downarrow M2_{-46})^{1}} = (1) + \uparrow M2_{+33}(\downarrow m7_{-33})$

$9371 = 9371^{1} = \mathbf{(1) + \uparrow M2_{+33}(\downarrow m7_{-33})}$

$9372 = 2^{2}\bullet 3^{1}\bullet 11^{1}\bullet 71^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow M2_{-20}(\downarrow m7_{+20})^{1}} = (1) + \uparrow M2_{+33}(\downarrow m7_{-33})$

$9373 = 7^{1}\bullet 13^{1}\bullet 103^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m6_{+24}(\downarrow M3_{-24})^{1}} = (1) + \uparrow M2_{+33}(\downarrow m7_{-33})$

$9374 = 2^{1}\bullet 43^{1}\bullet 109^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P4_{+12}(\downarrow P5_{-12})^{1} + \uparrow M6_{+22}(\downarrow m3_{-22})^{1}} = (1) + \uparrow M2_{+33}(\downarrow m7_{-33})$

$9375 = 3^{1}\bullet 5^{5} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{5}} = (1) + \uparrow M2_{+34}(\downarrow m7_{-34})$

$9376 = 2^{5}\bullet 293^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{5} + \uparrow M2_{+34}(\downarrow m7_{-34})^{1}} = (1) + \uparrow M2_{+34}(\downarrow m7_{-34})$

$9377 = 9377^{1} = \mathbf{(1) + \uparrow M2_{+34}(\downarrow m7_{-34})}$

$9378 = 2^{1}\bullet 3^{2}\bullet 521^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow uni_{+30}(\downarrow 8ve_{-30})^{1}} = (1) + \uparrow M2_{+34}(\downarrow m7_{-34})$

$9379 = 83^{1}\bullet 113^{1} = \mathbf{(1) + \uparrow P4_{-50}(\downarrow P5_{+50})^{1} + \uparrow m7_{-16}(\downarrow M2_{+16})^{1}} = (1) + \uparrow M2_{+34}(\downarrow m7_{-34})$

$9380 = 2^{2}\bullet 5^{1}\bullet 7^{1}\bullet 67^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m2_{-21}(\downarrow M7_{+21})^{1}} = (1) + \uparrow M2_{+34}(\downarrow m7_{-34})$

$9381 = 3^{1}\bullet 53^{1}\bullet 59^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M6_{-26}(\downarrow m3_{+26})^{1} + \uparrow M7_{-41}(\downarrow m2_{+41})^{1}} = (1) + \uparrow M2_{+35}(\downarrow m7_{-35})$

$9382 = 2^{1}\bullet 4691^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M2_{+35}(\downarrow m7_{-35})^{1}} = (1) + \uparrow M2_{+35}(\downarrow m7_{-35})$

$9383 = 11^{1}\bullet 853^{1} = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow M6_{-16}(\downarrow m3_{+16})^{1}} = (1) + \uparrow M2_{+35}(\downarrow m7_{-35})$

$9384 = 2^{3}\bullet 3^{1}\bullet 17^{1}\bullet 23^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1}} = (1) + \uparrow M2_{+35}(\downarrow m7_{-35})$

$9385 = 5^{1}\bullet 1877^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{+49}(\downarrow M2_{-49})^{1}} = (1) + \uparrow M2_{+35}(\downarrow m7_{-35})$

$9386 = 2^{1}\bullet 13^{1}\bullet 19^{2} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{2}} = (1) + \uparrow M2_{+36}(\downarrow m7_{-36})$

$9387 = 3^{2}\bullet 7^{1}\bullet 149^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m3_{-37}(\downarrow M6_{+37})^{1}} = (1) + \uparrow M2_{+36}(\downarrow m7_{-36})$

$9388 = 2^{2}\bullet 2347^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M2_{+36}(\downarrow m7_{-36})^{1}} = (1) + \uparrow M2_{+36}(\downarrow m7_{-36})$

$9389 = 41^{1}\bullet 229^{1} = \mathbf{(1) + \uparrow M3_{+29}(\downarrow m6_{-29})^{1} + \uparrow m7_{+7}(\downarrow M2_{-7})^{1}} = (1) + \uparrow M2_{+36}(\downarrow m7_{-36})$

$9390 = 2^{1}\bullet 3^{1}\bullet 5^{1}\bullet 313^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m3_{+48}(\downarrow M6_{-48})^{1}} = (1) + \uparrow M2_{+36}(\downarrow m7_{-36})$

$9391 = 9391^{1} = \mathbf{(1) + \uparrow M2_{+36}(\downarrow m7_{-36})}$

$9392 = 2^{4}\bullet 587^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow M2_{+37}(\downarrow m7_{-37})^{1}} = (1) + \uparrow M2_{+37}(\downarrow m7_{-37})$

$9393 = 3^{1}\bullet 31^{1}\bullet 101^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1} + \uparrow m6_{-10}(\downarrow M3_{+10})^{1}} = (1) + \uparrow M2_{+37}(\downarrow m7_{-37})$

$9394 = 2^{1}\bullet 7^{1}\bullet 11^{1}\bullet 61^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow M7_{+17}(\downarrow m2_{-17})^{1}} = (1) + \uparrow M2_{+37}(\downarrow m7_{-37})$

$9395 = 5^{1}\bullet 1879^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M7_{-49}(\downarrow m2_{+49})^{1}} = (1) + \uparrow M2_{+37}(\downarrow m7_{-37})$

$9396 = 2^{2}\bullet 3^{4}\bullet 29^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{4} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1}} = (1) + \uparrow M2_{+37}(\downarrow m7_{-37})$

$9397 = 9397^{1} = \mathbf{(1) + \uparrow M2_{+38}(\downarrow m7_{-38})}$

$9398 = 2^{1}\bullet 37^{1}\bullet 127^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m3_{-49}(\downarrow M6_{+49})^{1} + \uparrow 8ve_{-14}(\downarrow uni_{+14})^{1}} = (1) + \uparrow M2_{+38}(\downarrow m7_{-38})$

$9399 = 3^{1}\bullet 13^{1}\bullet 241^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow M7_{-5}(\downarrow m2_{+5})^{1}} = (1) + \uparrow M2_{+38}(\downarrow m7_{-38})$

$9400 = 2^{3}\bullet 5^{2}\bullet 47^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow P5_{-34}(\downarrow P4_{+34})^{1}} = (1) + \uparrow M2_{+38}(\downarrow m7_{-38})$

$9401 = 7^{1}\bullet 17^{1}\bullet 79^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow M3_{-35}(\downarrow m6_{+35})^{1}} = (1) + \uparrow M2_{+38}(\downarrow m7_{-38})$

$9402 = 2^{1}\bullet 3^{1}\bullet 1567^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow P5_{+37}(\downarrow P4_{-37})^{1}} = (1) + \uparrow M2_{+39}(\downarrow m7_{-39})$

$9403 = 9403^{1} = \mathbf{(1) + \uparrow M2_{+39}(\downarrow m7_{-39})}$

$9404 = 2^{2}\bullet 2351^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M2_{+39}(\downarrow m7_{-39})^{1}} = (1) + \uparrow M2_{+39}(\downarrow m7_{-39})$

$9405 = 3^{2}\bullet 5^{1}\bullet 11^{1}\bullet 19^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1}} = (1) + \uparrow M2_{+39}(\downarrow m7_{-39})$

$9406 = 2^{1}\bullet 4703^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M2_{+39}(\downarrow m7_{-39})^{1}} = (1) + \uparrow M2_{+39}(\downarrow m7_{-39})$

$9407 = 23^{1}\bullet 409^{1} = \mathbf{(1) + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow m6_{+11}(\downarrow M3_{-11})^{1}} = (1) + \uparrow M2_{+39}(\downarrow m7_{-39})$

$9408 = 2^{6}\bullet 3^{1}\bullet 7^{2} = \mathbf{(1) + \updownarrow 8ve(uni)^{6} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{2}} = (1) + \uparrow M2_{+40}(\downarrow m7_{-40})$

$9409 = 97^{2} = \mathbf{(1) + \uparrow P5_{+20}(\downarrow P4_{-20})^{2}} = (1) + \uparrow M2_{+40}(\downarrow m7_{-40})$

$9410 = 2^{1}\bullet 5^{1}\bullet 941^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M7_{-46}(\downarrow m2_{+46})^{1}} = (1) + \uparrow M2_{+40}(\downarrow m7_{-40})$

$9411 = 3^{1}\bullet 3137^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow P5_{+38}(\downarrow P4_{-38})^{1}} = (1) + \uparrow M2_{+40}(\downarrow m7_{-40})$

$9412 = 2^{2}\bullet 13^{1}\bullet 181^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow tt_{+0}(\downarrow tt_{-0})^{1}} = (1) + \uparrow M2_{+40}(\downarrow m7_{-40})$

$9413 = 9413^{1} = \mathbf{(1) + \uparrow M2_{+41}(\downarrow m7_{-41})}$

$9414 = 2^{1}\bullet 3^{2}\bullet 523^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow uni_{+37}(\downarrow 8ve_{-37})^{1}} = (1) + \uparrow M2_{+41}(\downarrow m7_{-41})$

$9415 = 5^{1}\bullet 7^{1}\bullet 269^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m2_{-14}(\downarrow M7_{+14})^{1}} = (1) + \uparrow M2_{+41}(\downarrow m7_{-41})$

$9416 = 2^{3}\bullet 11^{1}\bullet 107^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow M6_{-10}(\downarrow m3_{+10})^{1}} = (1) + \uparrow M2_{+41}(\downarrow m7_{-41})$

$9417 = 3^{1}\bullet 43^{1}\bullet 73^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow P4_{+12}(\downarrow P5_{-12})^{1} + \uparrow M2_{+28}(\downarrow m7_{-28})^{1}} = (1) + \uparrow M2_{+41}(\downarrow m7_{-41})$

$9418 = 2^{1}\bullet 17^{1}\bullet 277^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow m2_{+36}(\downarrow M7_{-36})^{1}} = (1) + \uparrow M2_{+41}(\downarrow m7_{-41})$

$9419 = 9419^{1} = \mathbf{(1) + \uparrow M2_{+42}(\downarrow m7_{-42})}$

$9420 = 2^{2}\bullet 3^{1}\bullet 5^{1}\bullet 157^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M3_{-46}(\downarrow m6_{+46})^{1}} = (1) + \uparrow M2_{+42}(\downarrow m7_{-42})$

$9421 = 9421^{1} = \mathbf{(1) + \uparrow M2_{+42}(\downarrow m7_{-42})}$

$9422 = 2^{1}\bullet 7^{1}\bullet 673^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow P4_{-27}(\downarrow P5_{+27})^{1}} = (1) + \uparrow M2_{+42}(\downarrow m7_{-42})$

$9423 = 3^{3}\bullet 349^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow P4_{+36}(\downarrow P5_{-36})^{1}} = (1) + \uparrow M2_{+42}(\downarrow m7_{-42})$

$9424 = 2^{4}\bullet 19^{1}\bullet 31^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1}} = (1) + \uparrow M2_{+43}(\downarrow m7_{-43})$

$9425 = 5^{2}\bullet 13^{1}\bullet 29^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1}} = (1) + \uparrow M2_{+43}(\downarrow m7_{-43})$

$9426 = 2^{1}\bullet 3^{1}\bullet 1571^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow P5_{+41}(\downarrow P4_{-41})^{1}} = (1) + \uparrow M2_{+43}(\downarrow m7_{-43})$

$9427 = 11^{1}\bullet 857^{1} = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow M6_{-8}(\downarrow m3_{+8})^{1}} = (1) + \uparrow M2_{+43}(\downarrow m7_{-43})$

$9428 = 2^{2}\bullet 2357^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M2_{+43}(\downarrow m7_{-43})^{1}} = (1) + \uparrow M2_{+43}(\downarrow m7_{-43})$

$9429 = 3^{1}\bullet 7^{1}\bullet 449^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m7_{-27}(\downarrow M2_{+27})^{1}} = (1) + \uparrow M2_{+43}(\downarrow m7_{-43})$

$9430 = 2^{1}\bullet 5^{1}\bullet 23^{1}\bullet 41^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow M3_{+29}(\downarrow m6_{-29})^{1}} = (1) + \uparrow M2_{+44}(\downarrow m7_{-44})$

$9431 = 9431^{1} = \mathbf{(1) + \uparrow M2_{+44}(\downarrow m7_{-44})}$

$9432 = 2^{3}\bullet 3^{2}\bullet 131^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow uni_{+40}(\downarrow 8ve_{-40})^{1}} = (1) + \uparrow M2_{+44}(\downarrow m7_{-44})$

$9433 = 9433^{1} = \mathbf{(1) + \uparrow M2_{+44}(\downarrow m7_{-44})}$

$9434 = 2^{1}\bullet 53^{1}\bullet 89^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M6_{-26}(\downarrow m3_{+26})^{1} + \uparrow tt_{-29}(\downarrow tt_{+29})^{1}} = (1) + \uparrow M2_{+44}(\downarrow m7_{-44})$

$9435 = 3^{1}\bullet 5^{1}\bullet 17^{1}\bullet 37^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow m3_{-49}(\downarrow M6_{+49})^{1}} = (1) + \uparrow M2_{+45}(\downarrow m7_{-45})$

$9436 = 2^{2}\bullet 7^{1}\bullet 337^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow P4_{-24}(\downarrow P5_{+24})^{1}} = (1) + \uparrow M2_{+45}(\downarrow m7_{-45})$

$9437 = 9437^{1} = \mathbf{(1) + \uparrow M2_{+45}(\downarrow m7_{-45})}$

$9438 = 2^{1}\bullet 3^{1}\bullet 11^{2}\bullet 13^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{2} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1}} = (1) + \uparrow M2_{+45}(\downarrow m7_{-45})$

$9439 = 9439^{1} = \mathbf{(1) + \uparrow M2_{+45}(\downarrow m7_{-45})}$

$9440 = 2^{5}\bullet 5^{1}\bullet 59^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{5} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M7_{-41}(\downarrow m2_{+41})^{1}} = (1) + \uparrow M2_{+45}(\downarrow m7_{-45})$

$9441 = 3^{2}\bullet 1049^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow uni_{+42}(\downarrow 8ve_{-42})^{1}} = (1) + \uparrow M2_{+46}(\downarrow m7_{-46})$

$9442 = 2^{1}\bullet 4721^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M2_{+46}(\downarrow m7_{-46})^{1}} = (1) + \uparrow M2_{+46}(\downarrow m7_{-46})$

$9443 = 7^{1}\bullet 19^{1}\bullet 71^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow M2_{-20}(\downarrow m7_{+20})^{1}} = (1) + \uparrow M2_{+46}(\downarrow m7_{-46})$

$9444 = 2^{2}\bullet 3^{1}\bullet 787^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow P5_{+44}(\downarrow P4_{-44})^{1}} = (1) + \uparrow M2_{+46}(\downarrow m7_{-46})$

$9445 = 5^{1}\bullet 1889^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M7_{-40}(\downarrow m2_{+40})^{1}} = (1) + \uparrow M2_{+46}(\downarrow m7_{-46})$

$9446 = 2^{1}\bullet 4723^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M2_{+47}(\downarrow m7_{-47})^{1}} = (1) + \uparrow M2_{+47}(\downarrow m7_{-47})$

$9447 = 3^{1}\bullet 47^{1}\bullet 67^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow P5_{-34}(\downarrow P4_{+34})^{1} + \uparrow m2_{-21}(\downarrow M7_{+21})^{1}} = (1) + \uparrow M2_{+47}(\downarrow m7_{-47})$

$9448 = 2^{3}\bullet 1181^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow M2_{+47}(\downarrow m7_{-47})^{1}} = (1) + \uparrow M2_{+47}(\downarrow m7_{-47})$

$9449 = 11^{1}\bullet 859^{1} = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow M6_{-4}(\downarrow m3_{+4})^{1}} = (1) + \uparrow M2_{+47}(\downarrow m7_{-47})$

$9450 = 2^{1}\bullet 3^{3}\bullet 5^{2}\bullet 7^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1}} = (1) + \uparrow M2_{+47}(\downarrow m7_{-47})$

$9451 = 13^{1}\bullet 727^{1} = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow tt_{+7}(\downarrow tt_{-7})^{1}} = (1) + \uparrow M2_{+48}(\downarrow m7_{-48})$

$9452 = 2^{2}\bullet 17^{1}\bullet 139^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow m2_{+43}(\downarrow M7_{-43})^{1}} = (1) + \uparrow M2_{+48}(\downarrow m7_{-48})$

$9453 = 3^{1}\bullet 23^{1}\bullet 137^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow m2_{+18}(\downarrow M7_{-18})^{1}} = (1) + \uparrow M2_{+48}(\downarrow m7_{-48})$

$9454 = 2^{1}\bullet 29^{1}\bullet 163^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1} + \uparrow M3_{+18}(\downarrow m6_{-18})^{1}} = (1) + \uparrow M2_{+48}(\downarrow m7_{-48})$

$9455 = 5^{1}\bullet 31^{1}\bullet 61^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1} + \uparrow M7_{+17}(\downarrow m2_{-17})^{1}} = (1) + \uparrow M2_{+48}(\downarrow m7_{-48})$

$9456 = 2^{4}\bullet 3^{1}\bullet 197^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow P5_{+46}(\downarrow P4_{-46})^{1}} = (1) + \uparrow M2_{+48}(\downarrow m7_{-48})$

$9457 = 7^{2}\bullet 193^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{2} + \uparrow P5_{+11}(\downarrow P4_{-11})^{1}} = (1) + \uparrow M2_{+49}(\downarrow m7_{-49})$

$9458 = 2^{1}\bullet 4729^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M2_{+49}(\downarrow m7_{-49})^{1}} = (1) + \uparrow M2_{+49}(\downarrow m7_{-49})$

$9459 = 3^{2}\bullet 1051^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow uni_{+45}(\downarrow 8ve_{-45})^{1}} = (1) + \uparrow M2_{+49}(\downarrow m7_{-49})$

$9460 = 2^2 \bullet 5^1 \bullet 11^1 \bullet 43^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow P4_{+12}(\downarrow P5_{-12})^1} = (1) + \uparrow M2_{+49}(\downarrow m7_{-49})$

$9461 = 9461^1 = \mathbf{(1) + \uparrow M2_{+49}(\downarrow m7_{-49})}$

$9462 = 2^1 \bullet 3^1 \bullet 19^1 \bullet 83^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow P4_{-50}(\downarrow P5_{+50})^1} = (1) + \uparrow M2_{+50}(\downarrow m7_{-50})$

$9463 = 9463^1 = \mathbf{(1) + \uparrow M2_{+50}(\downarrow m7_{-50})}$

$9464 = 2^3 \bullet 7^1 \bullet 13^2 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^2} = (1) + \uparrow M2_{+50}(\downarrow m7_{-50})$

$9465 = 3^1 \bullet 5^1 \bullet 631^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M3_{-38}(\downarrow m6_{+38})^1} = (1) + \uparrow m3_{-50}(\downarrow M6_{+50})$

$9466 = 2^1 \bullet 4733^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m3_{-50}(\downarrow M6_{+50})^1} = (1) + \uparrow m3_{-50}(\downarrow M6_{+50})$

$9467 = 9467^1 = \mathbf{(1) + \uparrow m3_{-50}(\downarrow M6_{+50})}$

$9468 = 2^2 \bullet 3^2 \bullet 263^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow uni_{+47}(\downarrow 8ve_{-47})^1} = (1) + \uparrow m3_{-49}(\downarrow M6_{+49})$

$9469 = 17^1 \bullet 557^1 = \mathbf{(1) + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow m2_{+46}(\downarrow M7_{-46})^1} = (1) + \uparrow m3_{-49}(\downarrow M6_{+49})$

$9470 = 2^1 \bullet 5^1 \bullet 947^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M7_{-35}(\downarrow m2_{+35})^1} = (1) + \uparrow m3_{-49}(\downarrow M6_{+49})$

$9471 = 3^1 \bullet 7^1 \bullet 11^1 \bullet 41^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow M3_{+29}(\downarrow m6_{-29})^1} = (1) + \uparrow m3_{-49}(\downarrow M6_{+49})$

$9472 = 2^8 \bullet 37^1 = \mathbf{(1) + \updownarrow 8ve(uni)^8 + \uparrow m3_{-49}(\downarrow M6_{+49})^1} = (1) + \uparrow m3_{-49}(\downarrow M6_{+49})$

$9473 = 9473^1 = \mathbf{(1) + \uparrow m3_{-48}(\downarrow M6_{+48})}$

$9474 = 2^1 \bullet 3^1 \bullet 1579^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow P5_{+50}(\downarrow P4_{-50})^1} = (1) + \uparrow m3_{-48}(\downarrow M6_{+48})$

$9475 = 5^2 \bullet 379^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow P5_{-21}(\downarrow P4_{+21})^1} = (1) + \uparrow m3_{-48}(\downarrow M6_{+48})$

$9476 = 2^2 \bullet 23^1 \bullet 103^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow m6_{+24}(\downarrow M3_{-24})^1} = (1) + \uparrow m3_{-48}(\downarrow M6_{+48})$

$9477 = 3^6 \bullet 13^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^6 + \uparrow m6_{+41}(\downarrow M3_{-41})^1} = (1) + \uparrow m3_{-48}(\downarrow M6_{+48})$

$9478 = 2^1 \bullet 7^1 \bullet 677^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow P4_{-16}(\downarrow P5_{+16})^1} = (1) + \uparrow m3_{-48}(\downarrow M6_{+48})$

$9479 = 9479^1 = \mathbf{(1) + \uparrow m3_{-47}(\downarrow M6_{+47})}$

$9480 = 2^3 \bullet 3^1 \bullet 5^1 \bullet 79^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M3_{-35}(\downarrow m6_{+35})^1} = (1) + \uparrow m3_{-47}(\downarrow M6_{+47})$

$9481 = 19^1 \bullet 499^1 = \mathbf{(1) + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow 8ve_{-45}(\downarrow uni_{+45})^1} = (1) + \uparrow m3_{-47}(\downarrow M6_{+47})$

$9482 = 2^1 \bullet 11^1 \bullet 431^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow M6_{+2}(\downarrow m3_{-2})^1} = (1) + \uparrow m3_{-47}(\downarrow M6_{+47})$

$9483 = 3^1 \bullet 29^1 \bullet 109^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1 + \uparrow M6_{+22}(\downarrow m3_{-22})^1} = (1) + \uparrow m3_{-47}(\downarrow M6_{+47})$

$9484 = 2^2 \bullet 2371^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m3_{-46}(\downarrow M6_{+46})^1} = (1) + \uparrow m3_{-46}(\downarrow M6_{+46})$

$9485 = 5^1 \bullet 7^1 \bullet 271^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m2_{-1}(\downarrow M7_{+1})^1} = (1) + \uparrow m3_{-46}(\downarrow M6_{+46})$

$9486 = 2^1 \bullet 3^2 \bullet 17^1 \bullet 31^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow M7_{+45}(\downarrow m2_{-45})^1} = (1) + \uparrow m3_{-46}(\downarrow M6_{+46})$

$9487 = 53^1 \bullet 179^1 = \mathbf{(1) + \uparrow M6_{-26}(\downarrow m3_{+26})^1 + \uparrow tt_{-19}(\downarrow tt_{+19})^1} = (1) + \uparrow m3_{-46}(\downarrow M6_{+46})$

$9488 = 2^4 \bullet 593^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow m3_{-46}(\downarrow M6_{+46})^1} = (1) + \uparrow m3_{-46}(\downarrow M6_{+46})$

$9489 = 3^1 \bullet 3163^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m6_{-48}(\downarrow M3_{+48})^1} = (1) + \uparrow m3_{-46}(\downarrow M6_{+46})$

$9490 = 2^1 \bullet 5^1 \bullet 13^1 \bullet 73^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow M2_{+28}(\downarrow m7_{-28})^1} = (1) + \uparrow m3_{-45}(\downarrow M6_{+45})$

$9491 = 9491^1 = \mathbf{(1) + \uparrow m3_{-45}(\downarrow M6_{+45})}$

$9492 = 2^2 \bullet 3^1 \bullet 7^1 \bullet 113^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m7_{-16}(\downarrow M2_{+16})^1} = (1) + \uparrow m3_{-45}(\downarrow M6_{+45})$

$9493 = 11^1 \bullet 863^1 = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow M6_{+4}(\downarrow m3_{-4})^1} = (1) + \uparrow m3_{-45}(\downarrow M6_{+45})$

$9494 = 2^1 \bullet 47^1 \bullet 101^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{-34}(\downarrow P4_{+34})^1 + \uparrow m6_{-10}(\downarrow M3_{+10})^1} = (1) + \uparrow m3_{-45}(\downarrow M6_{+45})$

$9495 = 3^2 \bullet 5^1 \bullet 211^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M6_{-35}(\downarrow m3_{+35})^1} = (1) + \uparrow m3_{-44}(\downarrow M6_{+44})$

$9496 = 2^3 \bullet 1187^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow m3_{-44}(\downarrow M6_{+44})^1} = (1) + \uparrow m3_{-44}(\downarrow M6_{+44})$

$9497 = 9497^1 = \mathbf{(1) + \uparrow m3_{-44}(\downarrow M6_{+44})}$

$9498 = 2^1 \bullet 3^1 \bullet 1583^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m6_{-46}(\downarrow M3_{+46})^1} = (1) + \uparrow m3_{-44}(\downarrow M6_{+44})$

$9499 = 7^1 \bullet 23^1 \bullet 59^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow M7_{-41}(\downarrow m2_{+41})^1} = (1) + \uparrow m3_{-44}(\downarrow M6_{+44})$

$9500 = 2^2 \bullet 5^3 \bullet 19^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^3 + \uparrow m3_{-2}(\downarrow M6_{+2})^1} = (1) + \uparrow m3_{-44}(\downarrow M6_{+44})$

$9501 = 3^1 \bullet 3167^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m6_{-45}(\downarrow M3_{+45})^1} = (1) + \uparrow m3_{-43}(\downarrow M6_{+43})$

$9502 = 2^{1}\bullet 4751^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m3_{-43}(\downarrow M6_{+43})^{1}} = (1) + \uparrow m3_{-43}(\downarrow M6_{+43})$

$9503 = 13^{1}\bullet 17^{1}\bullet 43^{1} = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow P4_{+12}(\downarrow P5_{-12})^{1}} = (1) + \uparrow m3_{-43}(\downarrow M6_{+43})$

$9504 = 2^{5}\bullet 3^{3}\bullet 11^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{5} + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1}} = (1) + \uparrow m3_{-43}(\downarrow M6_{+43})$

$9505 = 5^{1}\bullet 1901^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M7_{-29}(\downarrow m2_{+29})^{1}} = (1) + \uparrow m3_{-43}(\downarrow M6_{+43})$

$9506 = 2^{1}\bullet 7^{2}\bullet 97^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{2} + \uparrow P5_{+20}(\downarrow P4_{-20})^{1}} = (1) + \uparrow m3_{-42}(\downarrow M6_{+42})$

$9507 = 3^{1}\bullet 3169^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m6_{-44}(\downarrow M3_{+44})^{1}} = (1) + \uparrow m3_{-42}(\downarrow M6_{+42})$

$9508 = 2^{2}\bullet 2377^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m3_{-42}(\downarrow M6_{+42})^{1}} = (1) + \uparrow m3_{-42}(\downarrow M6_{+42})$

$9509 = 37^{1}\bullet 257^{1} = \mathbf{(1) + \uparrow m3_{-49}(\downarrow M6_{+49})^{1} + \uparrow uni_{+7}(\downarrow 8ve_{-7})^{1}} = (1) + \uparrow m3_{-42}(\downarrow M6_{+42})$

$9510 = 2^{1}\bullet 3^{1}\bullet 5^{1}\bullet 317^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M3_{-30}(\downarrow m6_{+30})^{1}} = (1) + \uparrow m3_{-42}(\downarrow M6_{+42})$

$9511 = 9511^{1} = \mathbf{(1) + \uparrow m3_{-42}(\downarrow M6_{+42})}$

$9512 = 2^{3}\bullet 29^{1}\bullet 41^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1} + \uparrow M3_{+29}(\downarrow m6_{-29})^{1}} = (1) + \uparrow m3_{-41}(\downarrow M6_{+41})$

$9513 = 3^{2}\bullet 7^{1}\bullet 151^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m3_{-14}(\downarrow M6_{+14})^{1}} = (1) + \uparrow m3_{-41}(\downarrow M6_{+41})$

$9514 = 2^{1}\bullet 67^{1}\bullet 71^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m2_{-21}(\downarrow M7_{+21})^{1} + \uparrow M2_{-20}(\downarrow m7_{+20})^{1}} = (1) + \uparrow m3_{-41}(\downarrow M6_{+41})$

$9515 = 5^{1}\bullet 11^{1}\bullet 173^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow P4_{+22}(\downarrow P5_{-22})^{1}} = (1) + \uparrow m3_{-41}(\downarrow M6_{+41})$

$9516 = 2^{2}\bullet 3^{1}\bullet 13^{1}\bullet 61^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow M7_{+17}(\downarrow m2_{-17})^{1}} = (1) + \uparrow m3_{-41}(\downarrow M6_{+41})$

$9517 = 31^{1}\bullet 307^{1} = \mathbf{(1) + \uparrow M7_{+45}(\downarrow m2_{-45})^{1} + \uparrow m3_{+15}(\downarrow M6_{-15})^{1}} = (1) + \uparrow m3_{-40}(\downarrow M6_{+40})$

$9518 = 2^{1}\bullet 4759^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m3_{-40}(\downarrow M6_{+40})^{1}} = (1) + \uparrow m3_{-40}(\downarrow M6_{+40})$

$9519 = 3^{1}\bullet 19^{1}\bullet 167^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow P4_{-40}(\downarrow P5_{+40})^{1}} = (1) + \uparrow m3_{-40}(\downarrow M6_{+40})$

$9520 = 2^{4}\bullet 5^{1}\bullet 7^{1}\bullet 17^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1}} = (1) + \uparrow m3_{-40}(\downarrow M6_{+40})$

$9521 = 9521^{1} = \mathbf{(1) + \uparrow m3_{-40}(\downarrow M6_{+40})}$

$9522 = 2^{1}\bullet 3^{2}\bullet 23^{2} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow tt_{+28}(\downarrow tt_{-28})^{2}} = (1) + \uparrow m3_{-40}(\downarrow M6_{+40})$

$9523 = 89^{1}\bullet 107^{1} = \mathbf{(1) + \uparrow tt_{-29}(\downarrow tt_{+29})^{1} + \uparrow M6_{-10}(\downarrow m3_{+10})^{1}} = (1) + \uparrow m3_{-39}(\downarrow M6_{+39})$

$9524 = 2^{2}\bullet 2381^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m3_{-39}(\downarrow M6_{+39})^{1}} = (1) + \uparrow m3_{-39}(\downarrow M6_{+39})$

$9525 = 3^{1}\bullet 5^{2}\bullet 127^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow 8ve_{-14}(\downarrow uni_{+14})^{1}} = (1) + \uparrow m3_{-39}(\downarrow M6_{+39})$

$9526 = 2^{1}\bullet 11^{1}\bullet 433^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow M6_{+10}(\downarrow m3_{-10})^{1}} = (1) + \uparrow m3_{-39}(\downarrow M6_{+39})$

$9527 = 7^{1}\bullet 1361^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow P4_{-7}(\downarrow P5_{+7})^{1}} = (1) + \uparrow m3_{-39}(\downarrow M6_{+39})$

$9528 = 2^{3}\bullet 3^{1}\bullet 397^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m6_{-40}(\downarrow M3_{+40})^{1}} = (1) + \uparrow m3_{-38}(\downarrow M6_{+38})$

$9529 = 13^{1}\bullet 733^{1} = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow tt_{+21}(\downarrow tt_{-21})^{1}} = (1) + \uparrow m3_{-38}(\downarrow M6_{+38})$

$9530 = 2^{1}\bullet 5^{1}\bullet 953^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M7_{-24}(\downarrow m2_{+24})^{1}} = (1) + \uparrow m3_{-38}(\downarrow M6_{+38})$

$9531 = 3^{3}\bullet 353^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow tt_{-44}(\downarrow tt_{+44})^{1}} = (1) + \uparrow m3_{-38}(\downarrow M6_{+38})$

$9532 = 2^{2}\bullet 2383^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m3_{-38}(\downarrow M6_{+38})^{1}} = (1) + \uparrow m3_{-38}(\downarrow M6_{+38})$

$9533 = 9533^{1} = \mathbf{(1) + \uparrow m3_{-38}(\downarrow M6_{+38})}$

$9534 = 2^{1}\bullet 3^{1}\bullet 7^{1}\bullet 227^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m7_{-8}(\downarrow M2_{+8})^{1}} = (1) + \uparrow m3_{-37}(\downarrow M6_{+37})$

$9535 = 5^{1}\bullet 1907^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M7_{-23}(\downarrow m2_{+23})^{1}} = (1) + \uparrow m3_{-37}(\downarrow M6_{+37})$

$9536 = 2^{6}\bullet 149^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{6} + \uparrow m3_{-37}(\downarrow M6_{+37})^{1}} = (1) + \uparrow m3_{-37}(\downarrow M6_{+37})$

$9537 = 3^{1}\bullet 11^{1}\bullet 17^{2} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{2}} = (1) + \uparrow m3_{-37}(\downarrow M6_{+37})$

$9538 = 2^{1}\bullet 19^{1}\bullet 251^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow 8ve_{-34}(\downarrow uni_{+34})^{1}} = (1) + \uparrow m3_{-37}(\downarrow M6_{+37})$

$9539 = 9539^{1} = \mathbf{(1) + \uparrow m3_{-36}(\downarrow M6_{+36})}$

$9540 = 2^{2}\bullet 3^{2}\bullet 5^{1}\bullet 53^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M6_{-26}(\downarrow m3_{+26})^{1}} = (1) + \uparrow m3_{-36}(\downarrow M6_{+36})$

$9541 = 7^{1}\bullet 29^{1}\bullet 47^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1} + \uparrow P5_{-34}(\downarrow P4_{+34})^{1}} = (1) + \uparrow m3_{-36}(\downarrow M6_{+36})$

$9542 = 2^{1}\bullet 13^{1}\bullet 367^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow tt_{+24}(\downarrow tt_{-24})^{1}} = (1) + \uparrow m3_{-36}(\downarrow M6_{+36})$

$9543 = 3^{1}\bullet 3181^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m6_{-38}(\downarrow M3_{+38})^{1}} = (1) + \uparrow m3_{-36}(\downarrow M6_{+36})$

$9544 = 2^3 \bullet 1193^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow m3_{-36}(\downarrow M6_{+36})^1} = (1) + \uparrow m3_{-36}(\downarrow M6_{+36})$

$9545 = 5^1 \bullet 23^1 \bullet 83^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow P4_{-50}(\downarrow P5_{+50})^1} = (1) + \uparrow m3_{-35}(\downarrow M6_{+35})$

$9546 = 2^1 \bullet 3^1 \bullet 37^1 \bullet 43^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m3_{-49}(\downarrow M6_{+49})^1 + \uparrow P4_{+12}(\downarrow P5_{-12})^1} = (1) + \uparrow m3_{-35}(\downarrow M6_{+35})$

$9547 = 9547^1 = \mathbf{(1) + \uparrow m3_{-35}(\downarrow M6_{+35})}$

$9548 = 2^2 \bullet 7^1 \bullet 11^1 \bullet 31^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow M7_{+45}(\downarrow m2_{-45})^1} = (1) + \uparrow m3_{-35}(\downarrow M6_{+35})$

$9549 = 3^2 \bullet 1061^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m2_{-39}(\downarrow M7_{+39})^1} = (1) + \uparrow m3_{-35}(\downarrow M6_{+35})$

$9550 = 2^1 \bullet 5^2 \bullet 191^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow P5_{-7}(\downarrow P4_{+7})^1} = (1) + \uparrow m3_{-34}(\downarrow M6_{+34})$

$9551 = 9551^1 = \mathbf{(1) + \uparrow m3_{-34}(\downarrow M6_{+34})}$

$9552 = 2^4 \bullet 3^1 \bullet 199^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m6_{-36}(\downarrow M3_{+36})^1} = (1) + \uparrow m3_{-34}(\downarrow M6_{+34})$

$9553 = 41^1 \bullet 233^1 = \mathbf{(1) + \uparrow M3_{+29}(\downarrow m6_{-29})^1 + \uparrow m7_{+37}(\downarrow M2_{-37})^1} = (1) + \uparrow m3_{-34}(\downarrow M6_{+34})$

$9554 = 2^1 \bullet 17^1 \bullet 281^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow M2_{-39}(\downarrow m7_{+39})^1} = (1) + \uparrow m3_{-34}(\downarrow M6_{+34})$

$9555 = 3^1 \bullet 5^1 \bullet 7^2 \bullet 13^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^2 + \uparrow m6_{+41}(\downarrow M3_{-41})^1} = (1) + \uparrow m3_{-34}(\downarrow M6_{+34})$

$9556 = 2^2 \bullet 2389^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m3_{-33}(\downarrow M6_{+33})^1} = (1) + \uparrow m3_{-33}(\downarrow M6_{+33})$

$9557 = 19^1 \bullet 503^1 = \mathbf{(1) + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow 8ve_{-31}(\downarrow uni_{+31})^1} = (1) + \uparrow m3_{-33}(\downarrow M6_{+33})$

$9558 = 2^1 \bullet 3^4 \bullet 59^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^4 + \uparrow M7_{-41}(\downarrow m2_{+41})^1} = (1) + \uparrow m3_{-33}(\downarrow M6_{+33})$

$9559 = 11^2 \bullet 79^1 = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^2 + \uparrow M3_{-35}(\downarrow m6_{+35})^1} = (1) + \uparrow m3_{-33}(\downarrow M6_{+33})$

$9560 = 2^3 \bullet 5^1 \bullet 239^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M7_{-19}(\downarrow m2_{+19})^1} = (1) + \uparrow m3_{-33}(\downarrow M6_{+33})$

$9561 = 3^1 \bullet 3187^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m6_{-34}(\downarrow M3_{+34})^1} = (1) + \uparrow m3_{-32}(\downarrow M6_{+32})$

$9562 = 2^1 \bullet 7^1 \bullet 683^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow P4_{-1}(\downarrow P5_{+1})^1} = (1) + \uparrow m3_{-32}(\downarrow M6_{+32})$

$9563 = 73^1 \bullet 131^1 = \mathbf{(1) + \uparrow M2_{+28}(\downarrow m7_{-28})^1 + \uparrow uni_{+40}(\downarrow 8ve_{-40})^1} = (1) + \uparrow m3_{-32}(\downarrow M6_{+32})$

$9564 = 2^2 \bullet 3^1 \bullet 797^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m6_{-34}(\downarrow M3_{+34})^1} = (1) + \uparrow m3_{-32}(\downarrow M6_{+32})$

$9565 = 5^1 \bullet 1913^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M7_{-18}(\downarrow m2_{+18})^1} = (1) + \uparrow m3_{-32}(\downarrow M6_{+32})$

$9566 = 2^1 \bullet 4783^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m3_{-32}(\downarrow M6_{+32})^1} = (1) + \uparrow m3_{-32}(\downarrow M6_{+32})$

$9567 = 3^2 \bullet 1063^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m2_{-35}(\downarrow M7_{+35})^1} = (1) + \uparrow m3_{-31}(\downarrow M6_{+31})$

$9568 = 2^5 \bullet 13^1 \bullet 23^1 = \mathbf{(1) + \updownarrow 8ve(uni)^5 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1} = (1) + \uparrow m3_{-31}(\downarrow M6_{+31})$

$9569 = 7^1 \bullet 1367^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow P4_{+0}(\downarrow P5_{-0})^1} = (1) + \uparrow m3_{-31}(\downarrow M6_{+31})$

$9570 = 2^1 \bullet 3^1 \bullet 5^1 \bullet 11^1 \bullet 29^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1} =$
$(1) + \uparrow m3_{-31}(\downarrow M6_{+31})$

$9571 = 17^1 \bullet 563^1 = \mathbf{(1) + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow M2_{-36}(\downarrow m7_{+36})^1} = (1) + \uparrow m3_{-31}(\downarrow M6_{+31})$

$9572 = 2^2 \bullet 2393^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m3_{-30}(\downarrow M6_{+30})^1} = (1) + \uparrow m3_{-30}(\downarrow M6_{+30})$

$9573 = 3^1 \bullet 3191^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m6_{-32}(\downarrow M3_{+32})^1} = (1) + \uparrow m3_{-30}(\downarrow M6_{+30})$

$9574 = 2^1 \bullet 4787^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m3_{-30}(\downarrow M6_{+30})^1} = (1) + \uparrow m3_{-30}(\downarrow M6_{+30})$

$9575 = 5^2 \bullet 383^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow P5_{-3}(\downarrow P4_{+3})^1} = (1) + \uparrow m3_{-30}(\downarrow M6_{+30})$

$9576 = 2^3 \bullet 3^2 \bullet 7^1 \bullet 19^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1} = (1) + \uparrow m3_{-30}(\downarrow M6_{+30})$

$9577 = 61^1 \bullet 157^1 = \mathbf{(1) + \uparrow M7_{+17}(\downarrow m2_{-17})^1 + \uparrow M3_{-46}(\downarrow m6_{+46})^1} = (1) + \uparrow m3_{-30}(\downarrow M6_{+30})$

$9578 = 2^1 \bullet 4789^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m3_{-29}(\downarrow M6_{+29})^1} = (1) + \uparrow m3_{-29}(\downarrow M6_{+29})$

$9579 = 3^1 \bullet 31^1 \bullet 103^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M7_{+45}(\downarrow m2_{-45})^1 + \uparrow m6_{+24}(\downarrow M3_{-24})^1} = (1) + \uparrow m3_{-29}(\downarrow M6_{+29})$

$9580 = 2^2 \bullet 5^1 \bullet 479^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M7_{-15}(\downarrow m2_{+15})^1} = (1) + \uparrow m3_{-29}(\downarrow M6_{+29})$

$9581 = 11^1 \bullet 13^1 \bullet 67^1 = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow m2_{-21}(\downarrow M7_{+21})^1} = (1) + \uparrow m3_{-29}(\downarrow M6_{+29})$

$9582 = 2^1 \bullet 3^1 \bullet 1597^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m6_{-31}(\downarrow M3_{+31})^1} = (1) + \uparrow m3_{-29}(\downarrow M6_{+29})$

$9583 = 7^1 \bullet 37^2 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m3_{-49}(\downarrow M6_{+49})^2} = (1) + \uparrow m3_{-28}(\downarrow M6_{+28})$

$9584 = 2^4 \bullet 599^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow m3_{-28}(\downarrow M6_{+28})^1} = (1) + \uparrow m3_{-28}(\downarrow M6_{+28})$

$9585 = 3^3 \bullet 5^1 \bullet 71^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M2_{-20}(\downarrow m7_{+20})^1} = (1) + \uparrow m3_{-28}(\downarrow M6_{+28})$

$9586 = 2^1 \bullet 4793^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m3_{-28}(\downarrow M6_{+28})^1} = (1) + \uparrow m3_{-28}(\downarrow M6_{+28})$

$9587 = 9587^1 = \mathbf{(1) + \uparrow m3_{-28}(\downarrow M6_{+28})}$

$9588 = 2^2 \bullet 3^1 \bullet 17^1 \bullet 47^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow P5_{-34}(\downarrow P4_{+34})^1} = (1) + \uparrow m3_{-28}(\downarrow M6_{+28})$

$9589 = 43^1 \bullet 223^1 = \mathbf{(1) + \uparrow P4_{+12}(\downarrow P5_{-12})^1 + \uparrow m7_{-39}(\downarrow M2_{+39})^1} = (1) + \uparrow m3_{-27}(\downarrow M6_{+27})$

$9590 = 2^1 \bullet 5^1 \bullet 7^1 \bullet 137^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m2_{+18}(\downarrow M7_{-18})^1} = (1) + \uparrow m3_{-27}(\downarrow M6_{+27})$

$9591 = 3^1 \bullet 23^1 \bullet 139^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow m2_{+43}(\downarrow M7_{-43})^1} = (1) + \uparrow m3_{-27}(\downarrow M6_{+27})$

$9592 = 2^3 \bullet 11^1 \bullet 109^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow M6_{+22}(\downarrow m3_{-22})^1} = (1) + \uparrow m3_{-27}(\downarrow M6_{+27})$

$9593 = 53^1 \bullet 181^1 = \mathbf{(1) + \uparrow M6_{-26}(\downarrow m3_{+26})^1 + \uparrow tt_{+0}(\downarrow tt_{-0})^1} = (1) + \uparrow m3_{-27}(\downarrow M6_{+27})$

$9594 = 2^1 \bullet 3^2 \bullet 13^1 \bullet 41^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow M3_{+29}(\downarrow m6_{-29})^1} = (1) + \uparrow m3_{-26}(\downarrow M6_{+26})$

$9595 = 5^1 \bullet 19^1 \bullet 101^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow m6_{-10}(\downarrow M3_{+10})^1} = (1) + \uparrow m3_{-26}(\downarrow M6_{+26})$

$9596 = 2^2 \bullet 2399^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m3_{-26}(\downarrow M6_{+26})^1} = (1) + \uparrow m3_{-26}(\downarrow M6_{+26})$

$9597 = 3^1 \bullet 7^1 \bullet 457^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m7_{+3}(\downarrow M2_{-3})^1} = (1) + \uparrow m3_{-26}(\downarrow M6_{+26})$

$9598 = 2^1 \bullet 4799^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m3_{-26}(\downarrow M6_{+26})^1} = (1) + \uparrow m3_{-26}(\downarrow M6_{+26})$

$9599 = 29^1 \bullet 331^1 = \mathbf{(1) + \uparrow m7_{+30}(\downarrow M2_{-30})^1 + \uparrow M3_{+45}(\downarrow m6_{-45})^1} = (1) + \uparrow m3_{-26}(\downarrow M6_{+26})$

$9600 = 2^7 \bullet 3^1 \bullet 5^2 = \mathbf{(1) + \updownarrow 8ve(uni)^7 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^2} = (1) + \uparrow m3_{-25}(\downarrow M6_{+25})$

$9601 = 9601^1 = \mathbf{(1) + \uparrow m3_{-25}(\downarrow M6_{+25})}$

$9602 = 2^1 \bullet 4801^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m3_{-25}(\downarrow M6_{+25})^1} = (1) + \uparrow m3_{-25}(\downarrow M6_{+25})$

$9603 = 3^2 \bullet 11^1 \bullet 97^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow P5_{+20}(\downarrow P4_{-20})^1} = (1) + \uparrow m3_{-25}(\downarrow M6_{+25})$

$9604 = 2^2 \bullet 7^4 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m7_{-31}(\downarrow M2_{+31})^4} = (1) + \uparrow m3_{-25}(\downarrow M6_{+25})$

$9605 = 5^1 \bullet 17^1 \bullet 113^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow m7_{-16}(\downarrow M2_{+16})^1} = (1) + \uparrow m3_{-25}(\downarrow M6_{+25})$

$9606 = 2^1 \bullet 3^1 \bullet 1601^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m6_{-26}(\downarrow M3_{+26})^1} = (1) + \uparrow m3_{-24}(\downarrow M6_{+24})$

$9607 = 13^1 \bullet 739^1 = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow tt_{+35}(\downarrow tt_{-35})^1} = (1) + \uparrow m3_{-24}(\downarrow M6_{+24})$

$9608 = 2^3 \bullet 1201^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow m3_{-24}(\downarrow M6_{+24})^1} = (1) + \uparrow m3_{-24}(\downarrow M6_{+24})$

$9609 = 3^1 \bullet 3203^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m6_{-26}(\downarrow M3_{+26})^1} = (1) + \uparrow m3_{-24}(\downarrow M6_{+24})$

$9610 = 2^1 \bullet 5^1 \bullet 31^2 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M7_{+45}(\downarrow m2_{-45})^2} = (1) + \uparrow m3_{-24}(\downarrow M6_{+24})$

$9611 = 7^1 \bullet 1373^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow P4_{+8}(\downarrow P5_{-8})^1} = (1) + \uparrow m3_{-23}(\downarrow M6_{+23})$

$9612 = 2^2 \bullet 3^3 \bullet 89^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow tt_{-29}(\downarrow tt_{+29})^1} = (1) + \uparrow m3_{-23}(\downarrow M6_{+23})$

$9613 = 9613^1 = \mathbf{(1) + \uparrow m3_{-23}(\downarrow M6_{+23})}$

$9614 = 2^1 \bullet 11^1 \bullet 19^1 \bullet 23^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1} = (1) + \uparrow m3_{-23}(\downarrow M6_{+23})$

$9615 = 3^1 \bullet 5^1 \bullet 641^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M3_{-11}(\downarrow m6_{+11})^1} = (1) + \uparrow m3_{-23}(\downarrow M6_{+23})$

$9616 = 2^4 \bullet 601^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow m3_{-23}(\downarrow M6_{+23})^1} = (1) + \uparrow m3_{-23}(\downarrow M6_{+23})$

$9617 = 59^1 \bullet 163^1 = \mathbf{(1) + \uparrow M7_{-41}(\downarrow m2_{+41})^1 + \uparrow M3_{+18}(\downarrow m6_{-18})^1} = (1) + \uparrow m3_{-22}(\downarrow M6_{+22})$

$9618 = 2^1 \bullet 3^1 \bullet 7^1 \bullet 229^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m7_{+7}(\downarrow M2_{-7})^1} = (1) + \uparrow m3_{-22}(\downarrow M6_{+22})$

$9619 = 9619^1 = \mathbf{(1) + \uparrow m3_{-22}(\downarrow M6_{+22})}$

$9620 = 2^2 \bullet 5^1 \bullet 13^1 \bullet 37^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow m3_{-49}(\downarrow M6_{+49})^1} = (1) + \uparrow m3_{-22}(\downarrow M6_{+22})$

$9621 = 3^2 \bullet 1069^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m2_{-26}(\downarrow M7_{+26})^1} = (1) + \uparrow m3_{-22}(\downarrow M6_{+22})$

$9622 = 2^1 \bullet 17^1 \bullet 283^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow M2_{-26}(\downarrow m7_{+26})^1} = (1) + \uparrow m3_{-21}(\downarrow M6_{+21})$

$9623 = 9623^1 = \mathbf{(1) + \uparrow m3_{-21}(\downarrow M6_{+21})}$

$9624 = 2^3 \bullet 3^1 \bullet 401^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m6_{-23}(\downarrow M3_{+23})^1} = (1) + \uparrow m3_{-21}(\downarrow M6_{+21})$

$9625 = 5^3 \bullet 7^1 \bullet 11^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^3 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1} = (1) + \uparrow m3_{-21}(\downarrow M6_{+21})$

$9626 = 2^1 \bullet 4813^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m3_{-21}(\downarrow M6_{+21})^1} = (1) + \uparrow m3_{-21}(\downarrow M6_{+21})$

$9627 = 3^{1}\bullet 3209^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m6_{-23}(\downarrow M3_{+23})^{1}} = (1) + \uparrow m3_{-21}(\downarrow M6_{+21})$

$9628 = 2^{2}\bullet 29^{1}\bullet 83^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1} + \uparrow P4_{-50}(\downarrow P5_{+50})^{1}} = (1) + \uparrow m3_{-20}(\downarrow M6_{+20})$

$9629 = 9629^{1} = \mathbf{(1) + \uparrow m3_{-20}(\downarrow M6_{+20})}$

$9630 = 2^{1}\bullet 3^{2}\bullet 5^{1}\bullet 107^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M6_{-10}(\downarrow m3_{+10})^{1}} = (1) + \uparrow m3_{-20}(\downarrow M6_{+20})$

$9631 = 9631^{1} = \mathbf{(1) + \uparrow m3_{-20}(\downarrow M6_{+20})}$

$9632 = 2^{5}\bullet 7^{1}\bullet 43^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{5} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow P4_{+12}(\downarrow P5_{-12})^{1}} = (1) + \uparrow m3_{-20}(\downarrow M6_{+20})$

$9633 = 3^{1}\bullet 13^{2}\bullet 19^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{2} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1}} = (1) + \uparrow m3_{-19}(\downarrow M6_{+19})$

$9634 = 2^{1}\bullet 4817^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m3_{-19}(\downarrow M6_{+19})^{1}} = (1) + \uparrow m3_{-19}(\downarrow M6_{+19})$

$9635 = 5^{1}\bullet 41^{1}\bullet 47^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M3_{+29}(\downarrow m6_{-29})^{1} + \uparrow P5_{-34}(\downarrow P4_{+34})^{1}} = (1) + \uparrow m3_{-19}(\downarrow M6_{+19})$

$9636 = 2^{2}\bullet 3^{1}\bullet 11^{1}\bullet 73^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow M2_{+28}(\downarrow m7_{-28})^{1}} = (1) + \uparrow m3_{-19}(\downarrow M6_{+19})$

$9637 = 23^{1}\bullet 419^{1} = \mathbf{(1) + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow M6_{-47}(\downarrow m3_{+47})^{1}} = (1) + \uparrow m3_{-19}(\downarrow M6_{+19})$

$9638 = 2^{1}\bullet 61^{1}\bullet 79^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M7_{+17}(\downarrow m2_{-17})^{1} + \uparrow M3_{-35}(\downarrow m6_{+35})^{1}} = (1) + \uparrow m3_{-19}(\downarrow M6_{+19})$

$9639 = 3^{4}\bullet 7^{1}\bullet 17^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{4} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1}} = (1) + \uparrow m3_{-18}(\downarrow M6_{+18})$

$9640 = 2^{3}\bullet 5^{1}\bullet 241^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M7_{-5}(\downarrow m2_{+5})^{1}} = (1) + \uparrow m3_{-18}(\downarrow M6_{+18})$

$9641 = 31^{1}\bullet 311^{1} = \mathbf{(1) + \uparrow M7_{+45}(\downarrow m2_{-45})^{1} + \uparrow m3_{+37}(\downarrow M6_{-37})^{1}} = (1) + \uparrow m3_{-18}(\downarrow M6_{+18})$

$9642 = 2^{1}\bullet 3^{1}\bullet 1607^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m6_{-20}(\downarrow M3_{+20})^{1}} = (1) + \uparrow m3_{-18}(\downarrow M6_{+18})$

$9643 = 9643^{1} = \mathbf{(1) + \uparrow m3_{-18}(\downarrow M6_{+18})}$

$9644 = 2^{2}\bullet 2411^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m3_{-18}(\downarrow M6_{+18})^{1}} = (1) + \uparrow m3_{-18}(\downarrow M6_{+18})$

$9645 = 3^{1}\bullet 5^{1}\bullet 643^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M3_{-6}(\downarrow m6_{+6})^{1}} = (1) + \uparrow m3_{-17}(\downarrow M6_{+17})$

$9646 = 2^{1}\bullet 7^{1}\bullet 13^{1}\bullet 53^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow M6_{-26}(\downarrow m3_{+26})^{1}} = (1) + \uparrow m3_{-17}(\downarrow M6_{+17})$

$9647 = 11^{1}\bullet 877^{1} = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow M6_{+32}(\downarrow m3_{-32})^{1}} = (1) + \uparrow m3_{-17}(\downarrow M6_{+17})$

$9648 = 2^{4}\bullet 3^{2}\bullet 67^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m2_{-21}(\downarrow M7_{+21})^{1}} = (1) + \uparrow m3_{-17}(\downarrow M6_{+17})$

$9649 = 9649^{1} = \mathbf{(1) + \uparrow m3_{-17}(\downarrow M6_{+17})}$

$9650 = 2^{1}\bullet 5^{2}\bullet 193^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow P5_{+11}(\downarrow P4_{-11})^{1}} = (1) + \uparrow m3_{-16}(\downarrow M6_{+16})$

$9651 = 3^{1}\bullet 3217^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m6_{-18}(\downarrow M3_{+18})^{1}} = (1) + \uparrow m3_{-16}(\downarrow M6_{+16})$

$9652 = 2^{2}\bullet 19^{1}\bullet 127^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow 8ve_{-14}(\downarrow uni_{+14})^{1}} = (1) + \uparrow m3_{-16}(\downarrow M6_{+16})$

$9653 = 7^{2}\bullet 197^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{2} + \uparrow P5_{+46}(\downarrow P4_{-46})^{1}} = (1) + \uparrow m3_{-16}(\downarrow M6_{+16})$

$9654 = 2^{1}\bullet 3^{1}\bullet 1609^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m6_{-18}(\downarrow M3_{+18})^{1}} = (1) + \uparrow m3_{-16}(\downarrow M6_{+16})$

$9655 = 5^{1}\bullet 1931^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M7_{-2}(\downarrow m2_{+2})^{1}} = (1) + \uparrow m3_{-16}(\downarrow M6_{+16})$

$9656 = 2^{3}\bullet 17^{1}\bullet 71^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow M2_{-20}(\downarrow m7_{+20})^{1}} = (1) + \uparrow m3_{-15}(\downarrow M6_{+15})$

$9657 = 3^{2}\bullet 29^{1}\bullet 37^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1} + \uparrow m3_{-49}(\downarrow M6_{+49})^{1}} = (1) + \uparrow m3_{-15}(\downarrow M6_{+15})$

$9658 = 2^{1}\bullet 11^{1}\bullet 439^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow M6_{+34}(\downarrow m3_{-34})^{1}} = (1) + \uparrow m3_{-15}(\downarrow M6_{+15})$

$9659 = 13^{1}\bullet 743^{1} = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow tt_{+45}(\downarrow tt_{-45})^{1}} = (1) + \uparrow m3_{-15}(\downarrow M6_{+15})$

$9660 = 2^{2}\bullet 3^{1}\bullet 5^{1}\bullet 7^{1}\bullet 23^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1}} =$

$(1) + \uparrow m3_{-15}(\downarrow M6_{+15})$

$9661 = 9661^{1} = \mathbf{(1) + \uparrow m3_{-14}(\downarrow M6_{+14})}$

$9662 = 2^{1}\bullet 4831^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m3_{-14}(\downarrow M6_{+14})^{1}} = (1) + \uparrow m3_{-14}(\downarrow M6_{+14})$

$9663 = 3^{1}\bullet 3221^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m6_{-16}(\downarrow M3_{+16})^{1}} = (1) + \uparrow m3_{-14}(\downarrow M6_{+14})$

$9664 = 2^{6}\bullet 151^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{6} + \uparrow m3_{-14}(\downarrow M6_{+14})^{1}} = (1) + \uparrow m3_{-14}(\downarrow M6_{+14})$

$9665 = 5^{1}\bullet 1933^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M7_{+0}(\downarrow m2_{-0})^{1}} = (1) + \uparrow m3_{-14}(\downarrow M6_{+14})$

$9666 = 2^{1}\bullet 3^{3}\bullet 179^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow tt_{-19}(\downarrow tt_{+19})^{1}} = (1) + \uparrow m3_{-14}(\downarrow M6_{+14})$

$9667 = 7^{1}\bullet 1381^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow P4_{+18}(\downarrow P5_{-18})^{1}} = (1) + \uparrow m3_{-13}(\downarrow M6_{+13})$

$9668 = 2^2 \bullet 2417^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m3_{-13}(\downarrow M6_{+13})^1} = (1) + \uparrow m3_{-13}(\downarrow M6_{+13})$

$9669 = 3^1 \bullet 11^1 \bullet 293^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow M2_{+34}(\downarrow m7_{-34})^1} = (1) + \uparrow m3_{-13}(\downarrow M6_{+13})$

$9670 = 2^1 \bullet 5^1 \bullet 967^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M7_{+1}(\downarrow m2_{-1})^1} = (1) + \uparrow m3_{-13}(\downarrow M6_{+13})$

$9671 = 19^1 \bullet 509^1 = \mathbf{(1) + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow 8ve_{-10}(\downarrow uni_{+10})^1} = (1) + \uparrow m3_{-13}(\downarrow M6_{+13})$

$9672 = 2^3 \bullet 3^1 \bullet 13^1 \bullet 31^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow M7_{+45}(\downarrow m2_{-45})^1} = (1) + \uparrow m3_{-12}(\downarrow M6_{+12})$

$9673 = 17^1 \bullet 569^1 = \mathbf{(1) + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow M2_{-17}(\downarrow m7_{+17})^1} = (1) + \uparrow m3_{-12}(\downarrow M6_{+12})$

$9674 = 2^1 \bullet 7^1 \bullet 691^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow P4_{+19}(\downarrow P5_{-19})^1} = (1) + \uparrow m3_{-12}(\downarrow M6_{+12})$

$9675 = 3^2 \bullet 5^2 \bullet 43^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow P4_{+12}(\downarrow P5_{-12})^1} = (1) + \uparrow m3_{-12}(\downarrow M6_{+12})$

$9676 = 2^2 \bullet 41^1 \bullet 59^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M3_{+29}(\downarrow m6_{-29})^1 + \uparrow M7_{-41}(\downarrow m2_{+41})^1} = (1) + \uparrow m3_{-12}(\downarrow M6_{+12})$

$9677 = 9677^1 = \mathbf{(1) + \uparrow m3_{-12}(\downarrow M6_{+12})}$

$9678 = 2^1 \bullet 3^1 \bullet 1613^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m6_{-13}(\downarrow M3_{+13})^1} = (1) + \uparrow m3_{-11}(\downarrow M6_{+11})$

$9679 = 9679^1 = \mathbf{(1) + \uparrow m3_{-11}(\downarrow M6_{+11})}$

$9680 = 2^4 \bullet 5^1 \bullet 11^2 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^2} = (1) + \uparrow m3_{-11}(\downarrow M6_{+11})$

$9681 = 3^1 \bullet 7^1 \bullet 461^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m7_{+18}(\downarrow M2_{-18})^1} = (1) + \uparrow m3_{-11}(\downarrow M6_{+11})$

$9682 = 2^1 \bullet 47^1 \bullet 103^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{-34}(\downarrow P4_{+34})^1 + \uparrow m6_{+24}(\downarrow M3_{-24})^1} = (1) + \uparrow m3_{-11}(\downarrow M6_{+11})$

$9683 = 23^1 \bullet 421^1 = \mathbf{(1) + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow M6_{-39}(\downarrow m3_{+39})^1} = (1) + \uparrow m3_{-11}(\downarrow M6_{+11})$

$9684 = 2^2 \bullet 3^2 \bullet 269^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m2_{-14}(\downarrow M7_{+14})^1} = (1) + \uparrow m3_{-10}(\downarrow M6_{+10})$

$9685 = 5^1 \bullet 13^1 \bullet 149^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow m3_{-37}(\downarrow M6_{+37})^1} = (1) + \uparrow m3_{-10}(\downarrow M6_{+10})$

$9686 = 2^1 \bullet 29^1 \bullet 167^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1 + \uparrow P4_{-40}(\downarrow P5_{+40})^1} = (1) + \uparrow m3_{-10}(\downarrow M6_{+10})$

$9687 = 3^1 \bullet 3229^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m6_{-12}(\downarrow M3_{+12})^1} = (1) + \uparrow m3_{-10}(\downarrow M6_{+10})$

$9688 = 2^3 \bullet 7^1 \bullet 173^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow P4_{+22}(\downarrow P5_{-22})^1} = (1) + \uparrow m3_{-10}(\downarrow M6_{+10})$

$9689 = 9689^1 = \mathbf{(1) + \uparrow m3_{-9}(\downarrow M6_{+9})}$

$9690 = 2^1 \bullet 3^1 \bullet 5^1 \bullet 17^1 \bullet 19^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1} =$

$(1) + \uparrow m3_{-9}(\downarrow M6_{+9})$

$9691 = 11^1 \bullet 881^1 = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow M6_{+40}(\downarrow m3_{-40})^1} = (1) + \uparrow m3_{-9}(\downarrow M6_{+9})$

$9692 = 2^2 \bullet 2423^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m3_{-9}(\downarrow M6_{+9})^1} = (1) + \uparrow m3_{-9}(\downarrow M6_{+9})$

$9693 = 3^3 \bullet 359^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow tt_{-15}(\downarrow tt_{+15})^1} = (1) + \uparrow m3_{-9}(\downarrow M6_{+9})$

$9694 = 2^1 \bullet 37^1 \bullet 131^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m3_{-49}(\downarrow M6_{+49})^1 + \uparrow uni_{+40}(\downarrow 8ve_{-40})^1} = (1) + \uparrow m3_{-9}(\downarrow M6_{+9})$

$9695 = 5^1 \bullet 7^1 \bullet 277^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m2_{+36}(\downarrow M7_{-36})^1} = (1) + \uparrow m3_{-8}(\downarrow M6_{+8})$

$9696 = 2^5 \bullet 3^1 \bullet 101^1 = \mathbf{(1) + \updownarrow 8ve(uni)^5 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m6_{-10}(\downarrow M3_{+10})^1} = (1) + \uparrow m3_{-8}(\downarrow M6_{+8})$

$9697 = 9697^1 = \mathbf{(1) + \uparrow m3_{-8}(\downarrow M6_{+8})}$

$9698 = 2^1 \bullet 13^1 \bullet 373^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow P5_{-48}(\downarrow P4_{+48})^1} = (1) + \uparrow m3_{-8}(\downarrow M6_{+8})$

$9699 = 3^1 \bullet 53^1 \bullet 61^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M6_{-26}(\downarrow m3_{+26})^1 + \uparrow M7_{+17}(\downarrow m2_{-17})^1} = (1) + \uparrow m3_{-8}(\downarrow M6_{+8})$

$9700 = 2^2 \bullet 5^2 \bullet 97^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow P5_{+20}(\downarrow P4_{-20})^1} = (1) + \uparrow m3_{-7}(\downarrow M6_{+7})$

$9701 = 89^1 \bullet 109^1 = \mathbf{(1) + \uparrow tt_{-29}(\downarrow tt_{+29})^1 + \uparrow M6_{+22}(\downarrow m3_{-22})^1} = (1) + \uparrow m3_{-7}(\downarrow M6_{+7})$

$9702 = 2^1 \bullet 3^2 \bullet 7^2 \bullet 11^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m7_{-31}(\downarrow M2_{+31})^2 + \uparrow tt_{-49}(\downarrow tt_{+49})^1} = (1) + \uparrow m3_{-7}(\downarrow M6_{+7})$

$9703 = 31^1 \bullet 313^1 = \mathbf{(1) + \uparrow M7_{+45}(\downarrow m2_{-45})^1 + \uparrow m3_{+48}(\downarrow M6_{-48})^1} = (1) + \uparrow m3_{-7}(\downarrow M6_{+7})$

$9704 = 2^3 \bullet 1213^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow m3_{-7}(\downarrow M6_{+7})^1} = (1) + \uparrow m3_{-7}(\downarrow M6_{+7})$

$9705 = 3^1 \bullet 5^1 \bullet 647^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M3_{+5}(\downarrow m6_{-5})^1} = (1) + \uparrow m3_{-7}(\downarrow M6_{+7})$

$9706 = 2^1 \bullet 23^1 \bullet 211^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow M6_{-35}(\downarrow m3_{+35})^1} = (1) + \uparrow m3_{-6}(\downarrow M6_{+6})$

$9707 = 17^1 \bullet 571^1 = \mathbf{(1) + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow M2_{-11}(\downarrow m7_{+11})^1} = (1) + \uparrow m3_{-6}(\downarrow M6_{+6})$

$9708 = 2^2 \bullet 3^1 \bullet 809^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m6_{-8}(\downarrow M3_{+8})^1} = (1) + \uparrow m3_{-6}(\downarrow M6_{+6})$

$9709 = 7^1 \bullet 19^1 \bullet 73^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow M2_{+28}(\downarrow m7_{-28})^1} = (1) + \uparrow m3_{-6}(\downarrow M6_{+6})$

$9710 = 2^1 \bullet 5^1 \bullet 971^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M7_{+8}(\downarrow m2_{-8})^1} = (1) + \uparrow m3_{-6}(\downarrow M6_{+6})$

$9711 = 3^2 \bullet 13^1 \bullet 83^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow P4_{-50}(\downarrow P5_{+50})^1} = (1) + \uparrow m3_{-6}(\downarrow M6_{+6})$

$9712 = 2^4 \bullet 607^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow m3_{-5}(\downarrow M6_{+5})^1} = (1) + \uparrow m3_{-5}(\downarrow M6_{+5})$

$9713 = 11^1 \bullet 883^1 = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow M6_{+44}(\downarrow m3_{-44})^1} = (1) + \uparrow m3_{-5}(\downarrow M6_{+5})$

$9714 = 2^1 \bullet 3^1 \bullet 1619^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m6_{-7}(\downarrow M3_{+7})^1} = (1) + \uparrow m3_{-5}(\downarrow M6_{+5})$

$9715 = 5^1 \bullet 29^1 \bullet 67^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1 + \uparrow m2_{-21}(\downarrow M7_{+21})^1} = (1) + \uparrow m3_{-5}(\downarrow M6_{+5})$

$9716 = 2^2 \bullet 7^1 \bullet 347^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow P4_{+27}(\downarrow P5_{-27})^1} = (1) + \uparrow m3_{-5}(\downarrow M6_{+5})$

$9717 = 3^1 \bullet 41^1 \bullet 79^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{+29}(\downarrow m6_{-29})^1 + \uparrow M3_{-35}(\downarrow m6_{+35})^1} = (1) + \uparrow m3_{-4}(\downarrow M6_{+4})$

$9718 = 2^1 \bullet 43^1 \bullet 113^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P4_{+12}(\downarrow P5_{-12})^1 + \uparrow m7_{-16}(\downarrow M2_{+16})^1} = (1) + \uparrow m3_{-4}(\downarrow M6_{+4})$

$9719 = 9719^1 = \mathbf{(1) + \uparrow m3_{-4}(\downarrow M6_{+4})}$

$9720 = 2^3 \bullet 3^5 \bullet 5^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{+2}(\downarrow P4_{-2})^5 + \uparrow M3_{-14}(\downarrow m6_{+14})^1} = (1) + \uparrow m3_{-4}(\downarrow M6_{+4})$

$9721 = 9721^1 = \mathbf{(1) + \uparrow m3_{-4}(\downarrow M6_{+4})}$

$9722 = 2^1 \bullet 4861^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m3_{-4}(\downarrow M6_{+4})^1} = (1) + \uparrow m3_{-4}(\downarrow M6_{+4})$

$9723 = 3^1 \bullet 7^1 \bullet 463^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m7_{+26}(\downarrow M2_{-26})^1} = (1) + \uparrow m3_{-3}(\downarrow M6_{+3})$

$9724 = 2^2 \bullet 11^1 \bullet 13^1 \bullet 17^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1} = (1) + \uparrow m3_{-3}(\downarrow M6_{+3})$

$9725 = 5^2 \bullet 389^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow P5_{+24}(\downarrow P4_{-24})^1} = (1) + \uparrow m3_{-3}(\downarrow M6_{+3})$

$9726 = 2^1 \bullet 3^1 \bullet 1621^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m6_{-5}(\downarrow M3_{+5})^1} = (1) + \uparrow m3_{-3}(\downarrow M6_{+3})$

$9727 = 71^1 \bullet 137^1 = \mathbf{(1) + \uparrow M2_{-20}(\downarrow m7_{+20})^1 + \uparrow m2_{+18}(\downarrow M7_{-18})^1} = (1) + \uparrow m3_{-3}(\downarrow M6_{+3})$

$9728 = 2^9 \bullet 19^1 = \mathbf{(1) + \updownarrow 8ve(uni)^9 + \uparrow m3_{-2}(\downarrow M6_{+2})^1} = (1) + \uparrow m3_{-2}(\downarrow M6_{+2})$

$9729 = 3^2 \bullet 23^1 \bullet 47^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow P5_{-34}(\downarrow P4_{+34})^1} = (1) + \uparrow m3_{-2}(\downarrow M6_{+2})$

$9730 = 2^1 \bullet 5^1 \bullet 7^1 \bullet 139^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m2_{+43}(\downarrow M7_{-43})^1} = (1) + \uparrow m3_{-2}(\downarrow M6_{+2})$

$9731 = 37^1 \bullet 263^1 = \mathbf{(1) + \uparrow m3_{-49}(\downarrow M6_{+49})^1 + \uparrow uni_{+47}(\downarrow 8ve_{-47})^1} = (1) + \uparrow m3_{-2}(\downarrow M6_{+2})$

$9732 = 2^2 \bullet 3^1 \bullet 811^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m6_{-4}(\downarrow M3_{+4})^1} = (1) + \uparrow m3_{-2}(\downarrow M6_{+2})$

$9733 = 9733^1 = \mathbf{(1) + \uparrow m3_{-2}(\downarrow M6_{+2})}$

$9734 = 2^1 \bullet 31^1 \bullet 157^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M7_{+45}(\downarrow m2_{-45})^1 + \uparrow M3_{-46}(\downarrow m6_{+46})^1} = (1) + \uparrow m3_{-1}(\downarrow M6_{+1})$

$9735 = 3^1 \bullet 5^1 \bullet 11^1 \bullet 59^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow M7_{-41}(\downarrow m2_{+41})^1} = (1) + \uparrow m3_{-1}(\downarrow M6_{+1})$

$9736 = 2^3 \bullet 1217^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow m3_{-1}(\downarrow M6_{+1})^1} = (1) + \uparrow m3_{-1}(\downarrow M6_{+1})$

$9737 = 7^1 \bullet 13^1 \bullet 107^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow M6_{-10}(\downarrow m3_{+10})^1} = (1) + \uparrow m3_{-1}(\downarrow M6_{+1})$

$9738 = 2^1 \bullet 3^2 \bullet 541^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m2_{-5}(\downarrow M7_{+5})^1} = (1) + \uparrow m3_{-1}(\downarrow M6_{+1})$

$9739 = 9739^1 = \mathbf{(1) + \uparrow m3_{-1}(\downarrow M6_{+1})}$

$9740 = 2^2 \bullet 5^1 \bullet 487^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M7_{+13}(\downarrow m2_{-13})^1} = (1) + \uparrow m3_{+0}(\downarrow M6_{-0})$

$9741 = 3^1 \bullet 17^1 \bullet 191^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow P5_{-7}(\downarrow P4_{+7})^1} = (1) + \uparrow m3_{+0}(\downarrow M6_{-0})$

$9742 = 2^1 \bullet 4871^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m3_{+0}(\downarrow M6_{-0})^1} = (1) + \uparrow m3_{+0}(\downarrow M6_{-0})$

$9743 = 9743^1 = \mathbf{(1) + \uparrow m3_{+0}(\downarrow M6_{-0})}$

$9744 = 2^4 \bullet 3^1 \bullet 7^1 \bullet 29^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1} = (1) + \uparrow m3_{+0}(\downarrow M6_{-0})$

$9745 = 5^1 \bullet 1949^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M7_{+14}(\downarrow m2_{-14})^1} = (1) + \uparrow m3_{+1}(\downarrow M6_{-1})$

$9746 = 2^1 \bullet 11^1 \bullet 443^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow M6_{+49}(\downarrow m3_{-49})^1} = (1) + \uparrow m3_{+1}(\downarrow M6_{-1})$

$9747 = 3^3 \bullet 19^2 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow m3_{-2}(\downarrow M6_{+2})^2} = (1) + \uparrow m3_{+1}(\downarrow M6_{-1})$

$9748 = 2^2 \bullet 2437^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m3_{+1}(\downarrow M6_{-1})^1} = (1) + \uparrow m3_{+1}(\downarrow M6_{-1})$

$9749 = 9749^1 = \mathbf{(1) + \uparrow m3_{+1}(\downarrow M6_{-1})}$

$9750 = 2^1 \bullet 3^1 \bullet 5^3 \bullet 13^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^3 + \uparrow m6_{+41}(\downarrow M3_{-41})^1} = (1) + \uparrow m3_{+1}(\downarrow M6_{-1})$

$9751 = 7^{2}\bullet 199^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{2} + \uparrow m6_{-36}(\downarrow M3_{+36})^{1}} = (1) + \uparrow m3_{+2}(\downarrow M6_{-2})$

$9752 = 2^{3}\bullet 23^{1}\bullet 53^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow M6_{-26}(\downarrow m3_{+26})^{1}} = (1) + \uparrow m3_{+2}(\downarrow M6_{-2})$

$9753 = 3^{1}\bullet 3251^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m6_{+0}(\downarrow M3_{-0})^{1}} = (1) + \uparrow m3_{+2}(\downarrow M6_{-2})$

$9754 = 2^{1}\bullet 4877^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m3_{+2}(\downarrow M6_{-2})^{1}} = (1) + \uparrow m3_{+2}(\downarrow M6_{-2})$

$9755 = 5^{1}\bullet 1951^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M7_{+16}(\downarrow m2_{-16})^{1}} = (1) + \uparrow m3_{+2}(\downarrow M6_{-2})$

$9756 = 2^{2}\bullet 3^{2}\bullet 271^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m2_{-1}(\downarrow M7_{+1})^{1}} = (1) + \uparrow m3_{+2}(\downarrow M6_{-2})$

$9757 = 11^{1}\bullet 887^{1} = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m7_{-49}(\downarrow M2_{+49})^{1}} = (1) + \uparrow m3_{+3}(\downarrow M6_{-3})$

$9758 = 2^{1}\bullet 7^{1}\bullet 17^{1}\bullet 41^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow M3_{+29}(\downarrow m6_{-29})^{1}} = (1) + \uparrow m3_{+3}(\downarrow M6_{-3})$

$9759 = 3^{1}\bullet 3253^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m6_{+1}(\downarrow M3_{-1})^{1}} = (1) + \uparrow m3_{+3}(\downarrow M6_{-3})$

$9760 = 2^{5}\bullet 5^{1}\bullet 61^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{5} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M7_{+17}(\downarrow m2_{-17})^{1}} = (1) + \uparrow m3_{+3}(\downarrow M6_{-3})$

$9761 = 43^{1}\bullet 227^{1} = \mathbf{(1) + \uparrow P4_{+12}(\downarrow P5_{-12})^{1} + \uparrow m7_{-8}(\downarrow M2_{+8})^{1}} = (1) + \uparrow m3_{+3}(\downarrow M6_{-3})$

$9762 = 2^{1}\bullet 3^{1}\bullet 1627^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m6_{+2}(\downarrow M3_{-2})^{1}} = (1) + \uparrow m3_{+4}(\downarrow M6_{-4})$

$9763 = 13^{1}\bullet 751^{1} = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow P5_{-37}(\downarrow P4_{+37})^{1}} = (1) + \uparrow m3_{+4}(\downarrow M6_{-4})$

$9764 = 2^{2}\bullet 2441^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m3_{+4}(\downarrow M6_{-4})^{1}} = (1) + \uparrow m3_{+4}(\downarrow M6_{-4})$

$9765 = 3^{2}\bullet 5^{1}\bullet 7^{1}\bullet 31^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1}} = (1) + \uparrow m3_{+4}(\downarrow M6_{-4})$

$9766 = 2^{1}\bullet 19^{1}\bullet 257^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow uni_{+7}(\downarrow 8ve_{-7})^{1}} = (1) + \uparrow m3_{+4}(\downarrow M6_{-4})$

$9767 = 9767^{1} = \mathbf{(1) + \uparrow m3_{+4}(\downarrow M6_{-4})}$

$9768 = 2^{3}\bullet 3^{1}\bullet 11^{1}\bullet 37^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m3_{-49}(\downarrow M6_{+49})^{1}} = (1) + \uparrow m3_{+5}(\downarrow M6_{-5})$

$9769 = 9769^{1} = \mathbf{(1) + \uparrow m3_{+5}(\downarrow M6_{-5})}$

$9770 = 2^{1}\bullet 5^{1}\bullet 977^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M7_{+19}(\downarrow m2_{-19})^{1}} = (1) + \uparrow m3_{+5}(\downarrow M6_{-5})$

$9771 = 3^{1}\bullet 3257^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m6_{+3}(\downarrow M3_{-3})^{1}} = (1) + \uparrow m3_{+5}(\downarrow M6_{-5})$

$9772 = 2^{2}\bullet 7^{1}\bullet 349^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow P4_{+36}(\downarrow P5_{-36})^{1}} = (1) + \uparrow m3_{+5}(\downarrow M6_{-5})$

$9773 = 29^{1}\bullet 337^{1} = \mathbf{(1) + \uparrow m7_{+30}(\downarrow M2_{-30})^{1} + \uparrow P4_{-24}(\downarrow P5_{+24})^{1}} = (1) + \uparrow m3_{+6}(\downarrow M6_{-6})$

$9774 = 2^{1}\bullet 3^{3}\bullet 181^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow tt_{+0}(\downarrow tt_{-0})^{1}} = (1) + \uparrow m3_{+6}(\downarrow M6_{-6})$

$9775 = 5^{2}\bullet 17^{1}\bullet 23^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1}} = (1) + \uparrow m3_{+6}(\downarrow M6_{-6})$

$9776 = 2^{4}\bullet 13^{1}\bullet 47^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow P5_{-34}(\downarrow P4_{+34})^{1}} = (1) + \uparrow m3_{+6}(\downarrow M6_{-6})$

$9777 = 3^{1}\bullet 3259^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m6_{+4}(\downarrow M3_{-4})^{1}} = (1) + \uparrow m3_{+6}(\downarrow M6_{-6})$

$9778 = 2^{1}\bullet 4889^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m3_{+6}(\downarrow M6_{-6})^{1}} = (1) + \uparrow m3_{+6}(\downarrow M6_{-6})$

$9779 = 7^{1}\bullet 11^{1}\bullet 127^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow 8ve_{-14}(\downarrow uni_{+14})^{1}} = (1) + \uparrow m3_{+7}(\downarrow M6_{-7})$

$9780 = 2^{2}\bullet 3^{1}\bullet 5^{1}\bullet 163^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M3_{+18}(\downarrow m6_{-18})^{1}} = (1) + \uparrow m3_{+7}(\downarrow M6_{-7})$

$9781 = 9781^{1} = \mathbf{(1) + \uparrow m3_{+7}(\downarrow M6_{-7})}$

$9782 = 2^{1}\bullet 67^{1}\bullet 73^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m2_{-21}(\downarrow M7_{+21})^{1} + \uparrow M2_{+28}(\downarrow m7_{-28})^{1}} = (1) + \uparrow m3_{+7}(\downarrow M6_{-7})$

$9783 = 3^{2}\bullet 1087^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m2_{+3}(\downarrow M7_{-3})^{1}} = (1) + \uparrow m3_{+7}(\downarrow M6_{-7})$

$9784 = 2^{3}\bullet 1223^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow m3_{+7}(\downarrow M6_{-7})^{1}} = (1) + \uparrow m3_{+7}(\downarrow M6_{-7})$

$9785 = 5^{1}\bullet 19^{1}\bullet 103^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow m6_{+24}(\downarrow M3_{-24})^{1}} = (1) + \uparrow m3_{+8}(\downarrow M6_{-8})$

$9786 = 2^{1}\bullet 3^{1}\bullet 7^{1}\bullet 233^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m7_{+37}(\downarrow M2_{-37})^{1}} = (1) + \uparrow m3_{+8}(\downarrow M6_{-8})$

$9787 = 9787^{1} = \mathbf{(1) + \uparrow m3_{+8}(\downarrow M6_{-8})}$

$9788 = 2^{2}\bullet 2447^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m3_{+8}(\downarrow M6_{-8})^{1}} = (1) + \uparrow m3_{+8}(\downarrow M6_{-8})$

$9789 = 3^{1}\bullet 13^{1}\bullet 251^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow 8ve_{-34}(\downarrow uni_{+34})^{1}} = (1) + \uparrow m3_{+8}(\downarrow M6_{-8})$

$9790 = 2^{1}\bullet 5^{1}\bullet 11^{1}\bullet 89^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow tt_{-29}(\downarrow tt_{+29})^{1}} = (1) + \uparrow m3_{+9}(\downarrow M6_{-9})$

$9791 = 9791^{1} = \mathbf{(1) + \uparrow m3_{+9}(\downarrow M6_{-9})}$

$9792 = 2^{6}\bullet 3^{2}\bullet 17^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{6} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1}} = (1) + \uparrow m3_{+9}(\downarrow M6_{-9})$

$9793 = 7^{1}\bullet 1399^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow P4_{+40}(\downarrow P5_{-40})^{1}} = (1) + \uparrow m3_{+9}(\downarrow M6_{-9})$

$9794 = 2^{1}\bullet 59^{1}\bullet 83^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M7_{-41}(\downarrow m2_{+41})^{1} + \uparrow P4_{-50}(\downarrow P5_{+50})^{1}} = (1) + \uparrow m3_{+9}(\downarrow M6_{-9})$

$9795 = 3^{1}\bullet 5^{1}\bullet 653^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M3_{+21}(\downarrow m6_{-21})^{1}} = (1) + \uparrow m3_{+9}(\downarrow M6_{-9})$

$9796 = 2^{2}\bullet 31^{1}\bullet 79^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1} + \uparrow M3_{-35}(\downarrow m6_{+35})^{1}} = (1) + \uparrow m3_{+10}(\downarrow M6_{-10})$

$9797 = 97^{1}\bullet 101^{1} = \mathbf{(1) + \uparrow P5_{+20}(\downarrow P4_{-20})^{1} + \uparrow m6_{-10}(\downarrow M3_{+10})^{1}} = (1) + \uparrow m3_{+10}(\downarrow M6_{-10})$

$9798 = 2^{1}\bullet 3^{1}\bullet 23^{1}\bullet 71^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow M2_{-20}(\downarrow m7_{+20})^{1}} = (1) + \uparrow m3_{+10}(\downarrow M6_{-10})$

$9799 = 41^{1}\bullet 239^{1} = \mathbf{(1) + \uparrow M3_{+29}(\downarrow m6_{-29})^{1} + \uparrow M7_{-19}(\downarrow m2_{+19})^{1}} = (1) + \uparrow m3_{+10}(\downarrow M6_{-10})$

$9800 = 2^{3}\bullet 5^{2}\bullet 7^{2} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{2}} = (1) + \uparrow m3_{+10}(\downarrow M6_{-10})$

$9801 = 3^{4}\bullet 11^{2} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{4} + \uparrow tt_{-49}(\downarrow tt_{+49})^{2}} = (1) + \uparrow m3_{+10}(\downarrow M6_{-10})$

$9802 = 2^{1}\bullet 13^{2}\bullet 29^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{2} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1}} = (1) + \uparrow m3_{+11}(\downarrow M6_{-11})$

$9803 = 9803^{1} = \mathbf{(1) + \uparrow m3_{+11}(\downarrow M6_{-11})}$

$9804 = 2^{2}\bullet 3^{1}\bullet 19^{1}\bullet 43^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow P4_{+12}(\downarrow P5_{-12})^{1}} = (1) + \uparrow m3_{+11}(\downarrow M6_{-11})$

$9805 = 5^{1}\bullet 37^{1}\bullet 53^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m3_{-49}(\downarrow M6_{+49})^{1} + \uparrow M6_{-26}(\downarrow m3_{+26})^{1}} = (1) + \uparrow m3_{+11}(\downarrow M6_{-11})$

$9806 = 2^{1}\bullet 4903^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m3_{+11}(\downarrow M6_{-11})^{1}} = (1) + \uparrow m3_{+11}(\downarrow M6_{-11})$

$9807 = 3^{1}\bullet 7^{1}\bullet 467^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m7_{+41}(\downarrow M2_{-41})^{1}} = (1) + \uparrow m3_{+12}(\downarrow M6_{-12})$

$9808 = 2^{4}\bullet 613^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow m3_{+12}(\downarrow M6_{-12})^{1}} = (1) + \uparrow m3_{+12}(\downarrow M6_{-12})$

$9809 = 17^{1}\bullet 577^{1} = \mathbf{(1) + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow M2_{+7}(\downarrow m7_{-7})^{1}} = (1) + \uparrow m3_{+12}(\downarrow M6_{-12})$

$9810 = 2^{1}\bullet 3^{2}\bullet 5^{1}\bullet 109^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M6_{+22}(\downarrow m3_{-22})^{1}} = (1) + \uparrow m3_{+12}(\downarrow M6_{-12})$

$9811 = 9811^{1} = \mathbf{(1) + \uparrow m3_{+12}(\downarrow M6_{-12})}$

$9812 = 2^{2}\bullet 11^{1}\bullet 223^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m7_{-39}(\downarrow M2_{+39})^{1}} = (1) + \uparrow m3_{+12}(\downarrow M6_{-12})$

$9813 = 3^{1}\bullet 3271^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m6_{+11}(\downarrow M3_{-11})^{1}} = (1) + \uparrow m3_{+13}(\downarrow M6_{-13})$

$9814 = 2^{1}\bullet 7^{1}\bullet 701^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow P4_{+44}(\downarrow P5_{-44})^{1}} = (1) + \uparrow m3_{+13}(\downarrow M6_{-13})$

$9815 = 5^{1}\bullet 13^{1}\bullet 151^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m3_{-14}(\downarrow M6_{+14})^{1}} = (1) + \uparrow m3_{+13}(\downarrow M6_{-13})$

$9816 = 2^{3}\bullet 3^{1}\bullet 409^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m6_{+11}(\downarrow M3_{-11})^{1}} = (1) + \uparrow m3_{+13}(\downarrow M6_{-13})$

$9817 = 9817^{1} = \mathbf{(1) + \uparrow m3_{+13}(\downarrow M6_{-13})}$

$9818 = 2^{1}\bullet 4909^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m3_{+13}(\downarrow M6_{-13})^{1}} = (1) + \uparrow m3_{+13}(\downarrow M6_{-13})$

$9819 = 3^{2}\bullet 1091^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m2_{+10}(\downarrow M7_{-10})^{1}} = (1) + \uparrow m3_{+14}(\downarrow M6_{-14})$

$9820 = 2^{2}\bullet 5^{1}\bullet 491^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M7_{+27}(\downarrow m2_{-27})^{1}} = (1) + \uparrow m3_{+14}(\downarrow M6_{-14})$

$9821 = 7^{1}\bullet 23^{1}\bullet 61^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow M7_{+17}(\downarrow m2_{-17})^{1}} = (1) + \uparrow m3_{+14}(\downarrow M6_{-14})$

$9822 = 2^{1}\bullet 3^{1}\bullet 1637^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m6_{+12}(\downarrow M3_{-12})^{1}} = (1) + \uparrow m3_{+14}(\downarrow M6_{-14})$

$9823 = 11^{1}\bullet 19^{1}\bullet 47^{1} = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow P5_{-34}(\downarrow P4_{+34})^{1}} = (1) + \uparrow m3_{+14}(\downarrow M6_{-14})$

$9824 = 2^{5}\bullet 307^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{5} + \uparrow m3_{+15}(\downarrow M6_{-15})^{1}} = (1) + \uparrow m3_{+15}(\downarrow M6_{-15})$

$9825 = 3^{1}\bullet 5^{2}\bullet 131^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow uni_{+40}(\downarrow 8ve_{-40})^{1}} = (1) + \uparrow m3_{+15}(\downarrow M6_{-15})$

$9826 = 2^{1}\bullet 17^{3} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{3}} = (1) + \uparrow m3_{+15}(\downarrow M6_{-15})$

$9827 = 31^{1}\bullet 317^{1} = \mathbf{(1) + \uparrow M7_{+45}(\downarrow m2_{-45})^{1} + \uparrow M3_{-30}(\downarrow m6_{+30})^{1}} = (1) + \uparrow m3_{+15}(\downarrow M6_{-15})$

$9828 = 2^{2}\bullet 3^{3}\bullet 7^{1}\bullet 13^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1}} = (1) + \uparrow m3_{+15}(\downarrow M6_{-15})$

$9829 = 9829^{1} = \mathbf{(1) + \uparrow m3_{+15}(\downarrow M6_{-15})}$

$9830 = 2^{1}\bullet 5^{1}\bullet 983^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M7_{+29}(\downarrow m2_{-29})^{1}} = (1) + \uparrow m3_{+16}(\downarrow M6_{-16})$

$9831 = 3^{1}\bullet 29^{1}\bullet 113^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1} + \uparrow m7_{-16}(\downarrow M2_{+16})^{1}} = (1) + \uparrow m3_{+16}(\downarrow M6_{-16})$

$9832 = 2^{3}\bullet 1229^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow m3_{+16}(\downarrow M6_{-16})^{1}} = (1) + \uparrow m3_{+16}(\downarrow M6_{-16})$

$9833 = 9833^{1} = \mathbf{(1) + \uparrow m3_{+16}(\downarrow M6_{-16})}$

$9834 = 2^{1}\bullet 3^{1}\bullet 11^{1}\bullet 149^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m3_{-37}(\downarrow M6_{+37})^{1}} = (1) + \uparrow m3_{+16}(\downarrow M6_{-16})$

$9835 = 5^1 \bullet 7^1 \bullet 281^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M2_{-39}(\downarrow m7_{+39})^1} = (1) + \uparrow m3_{+16}(\downarrow M6_{-16})$

$9836 = 2^2 \bullet 2459^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m3_{+17}(\downarrow M6_{-17})^1} = (1) + \uparrow m3_{+17}(\downarrow M6_{-17})$

$9837 = 3^2 \bullet 1093^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m2_{+13}(\downarrow M7_{-13})^1} = (1) + \uparrow m3_{+17}(\downarrow M6_{-17})$

$9838 = 2^1 \bullet 4919^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m3_{+17}(\downarrow M6_{-17})^1} = (1) + \uparrow m3_{+17}(\downarrow M6_{-17})$

$9839 = 9839^1 = \mathbf{(1) + \uparrow m3_{+17}(\downarrow M6_{-17})}$

$9840 = 2^4 \bullet 3^1 \bullet 5^1 \bullet 41^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M3_{+29}(\downarrow m6_{-29})^1} = (1) + \uparrow m3_{+17}(\downarrow M6_{-17})$

$9841 = 13^1 \bullet 757^1 = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow P5_{-23}(\downarrow P4_{+23})^1} = (1) + \uparrow m3_{+18}(\downarrow M6_{-18})$

$9842 = 2^1 \bullet 7^1 \bullet 19^1 \bullet 37^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow m3_{-49}(\downarrow M6_{+49})^1} = (1) + \uparrow m3_{+18}(\downarrow M6_{-18})$

$9843 = 3^1 \bullet 17^1 \bullet 193^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow P5_{+11}(\downarrow P4_{-11})^1} = (1) + \uparrow m3_{+18}(\downarrow M6_{-18})$

$9844 = 2^2 \bullet 23^1 \bullet 107^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow M6_{-10}(\downarrow m3_{+10})^1} = (1) + \uparrow m3_{+18}(\downarrow M6_{-18})$

$9845 = 5^1 \bullet 11^1 \bullet 179^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow tt_{-19}(\downarrow tt_{+19})^1} = (1) + \uparrow m3_{+18}(\downarrow M6_{-18})$

$9846 = 2^1 \bullet 3^2 \bullet 547^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m2_{+14}(\downarrow M7_{-14})^1} = (1) + \uparrow m3_{+18}(\downarrow M6_{-18})$

$9847 = 43^1 \bullet 229^1 = \mathbf{(1) + \uparrow P4_{+12}(\downarrow P5_{-12})^1 + \uparrow m7_{+7}(\downarrow M2_{-7})^1} = (1) + \uparrow m3_{+19}(\downarrow M6_{-19})$

$9848 = 2^3 \bullet 1231^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow m3_{+19}(\downarrow M6_{-19})^1} = (1) + \uparrow m3_{+19}(\downarrow M6_{-19})$

$9849 = 3^1 \bullet 7^2 \bullet 67^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^2 + \uparrow m2_{-21}(\downarrow M7_{+21})^1} = (1) + \uparrow m3_{+19}(\downarrow M6_{-19})$

$9850 = 2^1 \bullet 5^2 \bullet 197^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow P5_{+46}(\downarrow P4_{-46})^1} = (1) + \uparrow m3_{+19}(\downarrow M6_{-19})$

$9851 = 9851^1 = \mathbf{(1) + \uparrow m3_{+19}(\downarrow M6_{-19})}$

$9852 = 2^2 \bullet 3^1 \bullet 821^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m6_{+17}(\downarrow M3_{-17})^1} = (1) + \uparrow m3_{+19}(\downarrow M6_{-19})$

$9853 = 59^1 \bullet 167^1 = \mathbf{(1) + \uparrow M7_{-41}(\downarrow m2_{+41})^1 + \uparrow P4_{-40}(\downarrow P5_{+40})^1} = (1) + \uparrow m3_{+20}(\downarrow M6_{-20})$

$9854 = 2^1 \bullet 13^1 \bullet 379^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow P5_{-21}(\downarrow P4_{+21})^1} = (1) + \uparrow m3_{+20}(\downarrow M6_{-20})$

$9855 = 3^3 \bullet 5^1 \bullet 73^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M2_{+28}(\downarrow m7_{-28})^1} = (1) + \uparrow m3_{+20}(\downarrow M6_{-20})$

$9856 = 2^7 \bullet 7^1 \bullet 11^1 = \mathbf{(1) + \updownarrow 8ve(uni)^7 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1} = (1) + \uparrow m3_{+20}(\downarrow M6_{-20})$

$9857 = 9857^1 = \mathbf{(1) + \uparrow m3_{+20}(\downarrow M6_{-20})}$

$9858 = 2^1 \bullet 3^1 \bullet 31^1 \bullet 53^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M7_{+45}(\downarrow m2_{-45})^1 + \uparrow M6_{-26}(\downarrow m3_{+26})^1} = (1) + \uparrow m3_{+20}(\downarrow M6_{-20})$

$9859 = 9859^1 = \mathbf{(1) + \uparrow m3_{+21}(\downarrow M6_{-21})}$

$9860 = 2^2 \bullet 5^1 \bullet 17^1 \bullet 29^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1} = (1) + \uparrow m3_{+21}(\downarrow M6_{-21})$

$9861 = 3^1 \bullet 19^1 \bullet 173^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow P4_{+22}(\downarrow P5_{-22})^1} = (1) + \uparrow m3_{+21}(\downarrow M6_{-21})$

$9862 = 2^1 \bullet 4931^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m3_{+21}(\downarrow M6_{-21})^1} = (1) + \uparrow m3_{+21}(\downarrow M6_{-21})$

$9863 = 7^1 \bullet 1409^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow tt_{-47}(\downarrow tt_{+47})^1} = (1) + \uparrow m3_{+21}(\downarrow M6_{-21})$

$9864 = 2^3 \bullet 3^2 \bullet 137^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m2_{+18}(\downarrow M7_{-18})^1} = (1) + \uparrow m3_{+22}(\downarrow M6_{-22})$

$9865 = 5^1 \bullet 1973^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M7_{+35}(\downarrow m2_{-35})^1} = (1) + \uparrow m3_{+22}(\downarrow M6_{-22})$

$9866 = 2^1 \bullet 4933^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m3_{+22}(\downarrow M6_{-22})^1} = (1) + \uparrow m3_{+22}(\downarrow M6_{-22})$

$9867 = 3^1 \bullet 11^1 \bullet 13^1 \bullet 23^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1} = (1) + \uparrow m3_{+22}(\downarrow M6_{-22})$

$9868 = 2^2 \bullet 2467^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m3_{+22}(\downarrow M6_{-22})^1} = (1) + \uparrow m3_{+22}(\downarrow M6_{-22})$

$9869 = 71^1 \bullet 139^1 = \mathbf{(1) + \uparrow M2_{-20}(\downarrow m7_{+20})^1 + \uparrow m2_{+43}(\downarrow M7_{-43})^1} = (1) + \uparrow m3_{+22}(\downarrow M6_{-22})$

$9870 = 2^1 \bullet 3^1 \bullet 5^1 \bullet 7^1 \bullet 47^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow P5_{-34}(\downarrow P4_{+34})^1} =$

$(1) + \uparrow m3_{+23}(\downarrow M6_{-23})$

$9871 = 9871^1 = \mathbf{(1) + \uparrow m3_{+23}(\downarrow M6_{-23})}$

$9872 = 2^4 \bullet 617^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow m3_{+23}(\downarrow M6_{-23})^1} = (1) + \uparrow m3_{+23}(\downarrow M6_{-23})$

$9873 = 3^2 \bullet 1097^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m2_{+19}(\downarrow M7_{-19})^1} = (1) + \uparrow m3_{+23}(\downarrow M6_{-23})$

$9874 = 2^1 \bullet 4937^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m3_{+23}(\downarrow M6_{-23})^1} = (1) + \uparrow m3_{+23}(\downarrow M6_{-23})$

$9875 = 5^3 \bullet 79^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^3 + \uparrow M3_{-35}(\downarrow m6_{+35})^1} = (1) + \uparrow m3_{+23}(\downarrow M6_{-23})$

$9876 = 2^2 \bullet 3^1 \bullet 823^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m6_{+22}(\downarrow M3_{-22})^1} = (1) + \uparrow m3_{+24}(\downarrow M6_{-24})$

$9877 = 7^1 \bullet 17^1 \bullet 83^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow P4_{-50}(\downarrow P5_{+50})^1} = (1) + \uparrow m3_{+24}(\downarrow M6_{-24})$

$9878 = 2^1 \bullet 11^1 \bullet 449^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m7_{-27}(\downarrow M2_{+27})^1} = (1) + \uparrow m3_{+24}(\downarrow M6_{-24})$

$9879 = 3^1 \bullet 37^1 \bullet 89^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m3_{-49}(\downarrow M6_{+49})^1 + \uparrow tt_{-29}(\downarrow tt_{+29})^1} = (1) + \uparrow m3_{+24}(\downarrow M6_{-24})$

$9880 = 2^3 \bullet 5^1 \bullet 13^1 \bullet 19^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1} = (1) + \uparrow m3_{+24}(\downarrow M6_{-24})$

$9881 = 41^1 \bullet 241^1 = \mathbf{(1) + \uparrow M3_{+29}(\downarrow m6_{-29})^1 + \uparrow M7_{-5}(\downarrow m2_{+5})^1} = (1) + \uparrow m3_{+25}(\downarrow M6_{-25})$

$9882 = 2^1 \bullet 3^4 \bullet 61^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^4 + \uparrow M7_{+17}(\downarrow m2_{-17})^1} = (1) + \uparrow m3_{+25}(\downarrow M6_{-25})$

$9883 = 9883^1 = \mathbf{(1) + \uparrow m3_{+25}(\downarrow M6_{-25})}$

$9884 = 2^2 \bullet 7^1 \bullet 353^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow tt_{-44}(\downarrow tt_{+44})^1} = (1) + \uparrow m3_{+25}(\downarrow M6_{-25})$

$9885 = 3^1 \bullet 5^1 \bullet 659^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M3_{+37}(\downarrow m6_{-37})^1} = (1) + \uparrow m3_{+25}(\downarrow M6_{-25})$

$9886 = 2^1 \bullet 4943^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m3_{+25}(\downarrow M6_{-25})^1} = (1) + \uparrow m3_{+25}(\downarrow M6_{-25})$

$9887 = 9887^1 = \mathbf{(1) + \uparrow m3_{+26}(\downarrow M6_{-26})}$

$9888 = 2^5 \bullet 3^1 \bullet 103^1 = \mathbf{(1) + \updownarrow 8ve(uni)^5 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m6_{+24}(\downarrow M3_{-24})^1} = (1) + \uparrow m3_{+26}(\downarrow M6_{-26})$

$9889 = 11^1 \bullet 29^1 \bullet 31^1 = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1 + \uparrow M7_{+45}(\downarrow m2_{-45})^1} = (1) + \uparrow m3_{+26}(\downarrow M6_{-26})$

$9890 = 2^1 \bullet 5^1 \bullet 23^1 \bullet 43^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow P4_{+12}(\downarrow P5_{-12})^1} = (1) + \uparrow m3_{+26}(\downarrow M6_{-26})$

$9891 = 3^2 \bullet 7^1 \bullet 157^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M3_{-46}(\downarrow m6_{+46})^1} = (1) + \uparrow m3_{+26}(\downarrow M6_{-26})$

$9892 = 2^2 \bullet 2473^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m3_{+26}(\downarrow M6_{-26})^1} = (1) + \uparrow m3_{+26}(\downarrow M6_{-26})$

$9893 = 13^1 \bullet 761^1 = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow P5_{-14}(\downarrow P4_{+14})^1} = (1) + \uparrow m3_{+27}(\downarrow M6_{-27})$

$9894 = 2^1 \bullet 3^1 \bullet 17^1 \bullet 97^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow P5_{+20}(\downarrow P4_{-20})^1} = (1) + \uparrow m3_{+27}(\downarrow M6_{-27})$

$9895 = 5^1 \bullet 1979^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M7_{+41}(\downarrow m2_{-41})^1} = (1) + \uparrow m3_{+27}(\downarrow M6_{-27})$

$9896 = 2^3 \bullet 1237^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow m3_{+27}(\downarrow M6_{-27})^1} = (1) + \uparrow m3_{+27}(\downarrow M6_{-27})$

$9897 = 3^1 \bullet 3299^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m6_{+25}(\downarrow M3_{-25})^1} = (1) + \uparrow m3_{+27}(\downarrow M6_{-27})$

$9898 = 2^1 \bullet 7^2 \bullet 101^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^2 + \uparrow m6_{-10}(\downarrow M3_{+10})^1} = (1) + \uparrow m3_{+28}(\downarrow M6_{-28})$

$9899 = 19^1 \bullet 521^1 = \mathbf{(1) + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow uni_{+30}(\downarrow 8ve_{-30})^1} = (1) + \uparrow m3_{+28}(\downarrow M6_{-28})$

$9900 = 2^2 \bullet 3^2 \bullet 5^2 \bullet 11^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow tt_{-49}(\downarrow tt_{+49})^1} = (1) + \uparrow m3_{+28}(\downarrow M6_{-28})$

$9901 = 9901^1 = \mathbf{(1) + \uparrow m3_{+28}(\downarrow M6_{-28})}$

$9902 = 2^1 \bullet 4951^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m3_{+28}(\downarrow M6_{-28})^1} = (1) + \uparrow m3_{+28}(\downarrow M6_{-28})$

$9903 = 3^1 \bullet 3301^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m6_{+26}(\downarrow M3_{-26})^1} = (1) + \uparrow m3_{+28}(\downarrow M6_{-28})$

$9904 = 2^4 \bullet 619^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow m3_{+29}(\downarrow M6_{-29})^1} = (1) + \uparrow m3_{+29}(\downarrow M6_{-29})$

$9905 = 5^1 \bullet 7^1 \bullet 283^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M2_{-26}(\downarrow m7_{+26})^1} = (1) + \uparrow m3_{+29}(\downarrow M6_{-29})$

$9906 = 2^1 \bullet 3^1 \bullet 13^1 \bullet 127^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow 8ve_{-14}(\downarrow uni_{+14})^1} = (1) + \uparrow m3_{+29}(\downarrow M6_{-29})$

$9907 = 9907^1 = \mathbf{(1) + \uparrow m3_{+29}(\downarrow M6_{-29})}$

$9908 = 2^2 \bullet 2477^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m3_{+29}(\downarrow M6_{-29})^1} = (1) + \uparrow m3_{+29}(\downarrow M6_{-29})$

$9909 = 3^3 \bullet 367^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow tt_{+24}(\downarrow tt_{-24})^1} = (1) + \uparrow m3_{+29}(\downarrow M6_{-29})$

$9910 = 2^1 \bullet 5^1 \bullet 991^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M7_{+43}(\downarrow m2_{-43})^1} = (1) + \uparrow m3_{+30}(\downarrow M6_{-30})$

$9911 = 11^1 \bullet 17^1 \bullet 53^1 = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow M6_{-26}(\downarrow m3_{+26})^1} = (1) + \uparrow m3_{+30}(\downarrow M6_{-30})$

$9912 = 2^3 \bullet 3^1 \bullet 7^1 \bullet 59^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M7_{-41}(\downarrow m2_{+41})^1} = (1) + \uparrow m3_{+30}(\downarrow M6_{-30})$

$9913 = 23^1 \bullet 431^1 = \mathbf{(1) + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow M6_{+2}(\downarrow m3_{-2})^1} = (1) + \uparrow m3_{+30}(\downarrow M6_{-30})$

$9914 = 2^1 \bullet 4957^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m3_{+30}(\downarrow M6_{-30})^1} = (1) + \uparrow m3_{+30}(\downarrow M6_{-30})$

$9915 = 3^1 \bullet 5^1 \bullet 661^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M3_{+42}(\downarrow m6_{-42})^1} = (1) + \uparrow m3_{+30}(\downarrow M6_{-30})$

$9916 = 2^2 \bullet 37^1 \bullet 67^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m3_{-49}(\downarrow M6_{+49})^1 + \uparrow m2_{-21}(\downarrow M7_{+21})^1} = (1) + \uparrow m3_{+31}(\downarrow M6_{-31})$

$9917 = 47^1 \bullet 211^1 = \mathbf{(1) + \uparrow P5_{-34}(\downarrow P4_{+34})^1 + \uparrow M6_{-35}(\downarrow m3_{+35})^1} = (1) + \uparrow m3_{+31}(\downarrow M6_{-31})$

$9918 = 2^{1}\bullet 3^{2}\bullet 19^{1}\bullet 29^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1}} = (1) + \uparrow m3_{+31}(\downarrow M6_{-31})$

$9919 = 7^{1}\bullet 13^{1}\bullet 109^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow M6_{+22}(\downarrow m3_{-22})^{1}} = (1) + \uparrow m3_{+31}(\downarrow M6_{-31})$

$9920 = 2^{6}\bullet 5^{1}\bullet 31^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{6} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1}} = (1) + \uparrow m3_{+31}(\downarrow M6_{-31})$

$9921 = 3^{1}\bullet 3307^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m6_{+30}(\downarrow M3_{-30})^{1}} = (1) + \uparrow m3_{+32}(\downarrow M6_{-32})$

$9922 = 2^{1}\bullet 11^{2}\bullet 41^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{2} + \uparrow M3_{+29}(\downarrow m6_{-29})^{1}} = (1) + \uparrow m3_{+32}(\downarrow M6_{-32})$

$9923 = 9923^{1} = \mathbf{(1) + \uparrow m3_{+32}(\downarrow M6_{-32})}$

$9924 = 2^{2}\bullet 3^{1}\bullet 827^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m6_{+30}(\downarrow M3_{-30})^{1}} = (1) + \uparrow m3_{+32}(\downarrow M6_{-32})$

$9925 = 5^{2}\bullet 397^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow m6_{-40}(\downarrow M3_{+40})^{1}} = (1) + \uparrow m3_{+32}(\downarrow M6_{-32})$

$9926 = 2^{1}\bullet 7^{1}\bullet 709^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow tt_{-36}(\downarrow tt_{+36})^{1}} = (1) + \uparrow m3_{+32}(\downarrow M6_{-32})$

$9927 = 3^{2}\bullet 1103^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m2_{+29}(\downarrow M7_{-29})^{1}} = (1) + \uparrow m3_{+33}(\downarrow M6_{-33})$

$9928 = 2^{3}\bullet 17^{1}\bullet 73^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow M2_{+28}(\downarrow m7_{-28})^{1}} = (1) + \uparrow m3_{+33}(\downarrow M6_{-33})$

$9929 = 9929^{1} = \mathbf{(1) + \uparrow m3_{+33}(\downarrow M6_{-33})}$

$9930 = 2^{1}\bullet 3^{1}\bullet 5^{1}\bullet 331^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M3_{+45}(\downarrow m6_{-45})^{1}} = (1) + \uparrow m3_{+33}(\downarrow M6_{-33})$

$9931 = 9931^{1} = \mathbf{(1) + \uparrow m3_{+33}(\downarrow M6_{-33})}$

$9932 = 2^{2}\bullet 13^{1}\bullet 191^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow P5_{-7}(\downarrow P4_{+7})^{1}} = (1) + \uparrow m3_{+33}(\downarrow M6_{-33})$

$9933 = 3^{1}\bullet 7^{1}\bullet 11^{1}\bullet 43^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow P4_{+12}(\downarrow P5_{-12})^{1}} = (1) + \uparrow m3_{+34}(\downarrow M6_{-34})$

$9934 = 2^{1}\bullet 4967^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m3_{+34}(\downarrow M6_{-34})^{1}} = (1) + \uparrow m3_{+34}(\downarrow M6_{-34})$

$9935 = 5^{1}\bullet 1987^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M7_{+48}(\downarrow m2_{-48})^{1}} = (1) + \uparrow m3_{+34}(\downarrow M6_{-34})$

$9936 = 2^{4}\bullet 3^{3}\bullet 23^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1}} = (1) + \uparrow m3_{+34}(\downarrow M6_{-34})$

$9937 = 19^{1}\bullet 523^{1} = \mathbf{(1) + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow uni_{+37}(\downarrow 8ve_{-37})^{1}} = (1) + \uparrow m3_{+34}(\downarrow M6_{-34})$

$9938 = 2^{1}\bullet 4969^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m3_{+34}(\downarrow M6_{-34})^{1}} = (1) + \uparrow m3_{+34}(\downarrow M6_{-34})$

$9939 = 3^{1}\bullet 3313^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m6_{+33}(\downarrow M3_{-33})^{1}} = (1) + \uparrow m3_{+35}(\downarrow M6_{-35})$

$9940 = 2^{2}\bullet 5^{1}\bullet 7^{1}\bullet 71^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M2_{-20}(\downarrow m7_{+20})^{1}} = (1) + \uparrow m3_{+35}(\downarrow M6_{-35})$

$9941 = 9941^{1} = \mathbf{(1) + \uparrow m3_{+35}(\downarrow M6_{-35})}$

$9942 = 2^{1}\bullet 3^{1}\bullet 1657^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m6_{+33}(\downarrow M3_{-33})^{1}} = (1) + \uparrow m3_{+35}(\downarrow M6_{-35})$

$9943 = 61^{1}\bullet 163^{1} = \mathbf{(1) + \uparrow M7_{+17}(\downarrow m2_{-17})^{1} + \uparrow M3_{+18}(\downarrow m6_{-18})^{1}} = (1) + \uparrow m3_{+35}(\downarrow M6_{-35})$

$9944 = 2^{3}\bullet 11^{1}\bullet 113^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m7_{-16}(\downarrow M2_{+16})^{1}} = (1) + \uparrow m3_{+36}(\downarrow M6_{-36})$

$9945 = 3^{2}\bullet 5^{1}\bullet 13^{1}\bullet 17^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1}} = (1) + \uparrow m3_{+36}(\downarrow M6_{-36})$

$9946 = 2^{1}\bullet 4973^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m3_{+36}(\downarrow M6_{-36})^{1}} = (1) + \uparrow m3_{+36}(\downarrow M6_{-36})$

$9947 = 7^{3}\bullet 29^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{3} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1}} = (1) + \uparrow m3_{+36}(\downarrow M6_{-36})$

$9948 = 2^{2}\bullet 3^{1}\bullet 829^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m6_{+34}(\downarrow M3_{-34})^{1}} = (1) + \uparrow m3_{+36}(\downarrow M6_{-36})$

$9949 = 9949^{1} = \mathbf{(1) + \uparrow m3_{+36}(\downarrow M6_{-36})}$

$9950 = 2^{1}\bullet 5^{2}\bullet 199^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow m6_{-36}(\downarrow M3_{+36})^{1}} = (1) + \uparrow m3_{+37}(\downarrow M6_{-37})$

$9951 = 3^{1}\bullet 31^{1}\bullet 107^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1} + \uparrow M6_{-10}(\downarrow m3_{+10})^{1}} = (1) + \uparrow m3_{+37}(\downarrow M6_{-37})$

$9952 = 2^{5}\bullet 311^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{5} + \uparrow m3_{+37}(\downarrow M6_{-37})^{1}} = (1) + \uparrow m3_{+37}(\downarrow M6_{-37})$

$9953 = 37^{1}\bullet 269^{1} = \mathbf{(1) + \uparrow m3_{-49}(\downarrow M6_{+49})^{1} + \uparrow m2_{-14}(\downarrow M7_{+14})^{1}} = (1) + \uparrow m3_{+37}(\downarrow M6_{-37})$

$9954 = 2^{1}\bullet 3^{2}\bullet 7^{1}\bullet 79^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M3_{-35}(\downarrow m6_{+35})^{1}} = (1) + \uparrow m3_{+37}(\downarrow M6_{-37})$

$9955 = 5^{1}\bullet 11^{1}\bullet 181^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow tt_{+0}(\downarrow tt_{-0})^{1}} = (1) + \uparrow m3_{+37}(\downarrow M6_{-37})$

$9956 = 2^{2}\bullet 19^{1}\bullet 131^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow uni_{+40}(\downarrow 8ve_{-40})^{1}} = (1) + \uparrow m3_{+38}(\downarrow M6_{-38})$

$9957 = 3^{1}\bullet 3319^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m6_{+36}(\downarrow M3_{-36})^{1}} = (1) + \uparrow m3_{+38}(\downarrow M6_{-38})$

$9958 = 2^{1}\bullet 13^{1}\bullet 383^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow P5_{-3}(\downarrow P4_{+3})^{1}} = (1) + \uparrow m3_{+38}(\downarrow M6_{-38})$

$9959 = 23^{1}\bullet 433^{1} = \mathbf{(1) + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow M6_{+10}(\downarrow m3_{-10})^{1}} = (1) + \uparrow m3_{+38}(\downarrow M6_{-38})$

$9960 = 2^3 \bullet 3^1 \bullet 5^1 \bullet 83^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow P4_{-50}(\downarrow P5_{+50})^1} = (1) + \uparrow m3_{+38}(\downarrow M6_{-38})$

$9961 = 7^1 \bullet 1423^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow tt_{-30}(\downarrow tt_{+30})^1} = (1) + \uparrow m3_{+38}(\downarrow M6_{-38})$

$9962 = 2^1 \bullet 17^1 \bullet 293^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow M2_{+34}(\downarrow m7_{-34})^1} = (1) + \uparrow m3_{+39}(\downarrow M6_{-39})$

$9963 = 3^5 \bullet 41^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^5 + \uparrow M3_{+29}(\downarrow m6_{-29})^1} = (1) + \uparrow m3_{+39}(\downarrow M6_{-39})$

$9964 = 2^2 \bullet 47^1 \bullet 53^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{-34}(\downarrow P4_{+34})^1 + \uparrow M6_{-26}(\downarrow m3_{+26})^1} = (1) + \uparrow m3_{+39}(\downarrow M6_{-39})$

$9965 = 5^1 \bullet 1993^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow 8ve_{-47}(\downarrow uni_{+47})^1} = (1) + \uparrow m3_{+39}(\downarrow M6_{-39})$

$9966 = 2^1 \bullet 3^1 \bullet 11^1 \bullet 151^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m3_{-14}(\downarrow M6_{+14})^1} = (1) + \uparrow m3_{+39}(\downarrow M6_{-39})$

$9967 = 9967^1 = \mathbf{(1) + \uparrow m3_{+40}(\downarrow M6_{-40})}$

$9968 = 2^4 \bullet 7^1 \bullet 89^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow tt_{-29}(\downarrow tt_{+29})^1} = (1) + \uparrow m3_{+40}(\downarrow M6_{-40})$

$9969 = 3^1 \bullet 3323^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m6_{+38}(\downarrow M3_{-38})^1} = (1) + \uparrow m3_{+40}(\downarrow M6_{-40})$

$9970 = 2^1 \bullet 5^1 \bullet 997^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow 8ve_{-46}(\downarrow uni_{+46})^1} = (1) + \uparrow m3_{+40}(\downarrow M6_{-40})$

$9971 = 13^2 \bullet 59^1 = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^2 + \uparrow M7_{-41}(\downarrow m2_{+41})^1} = (1) + \uparrow m3_{+40}(\downarrow M6_{-40})$

$9972 = 2^2 \bullet 3^2 \bullet 277^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m2_{+36}(\downarrow M7_{-36})^1} = (1) + \uparrow m3_{+40}(\downarrow M6_{-40})$

$9973 = 9973^1 = \mathbf{(1) + \uparrow m3_{+41}(\downarrow M6_{-41})}$

$9974 = 2^1 \bullet 4987^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m3_{+41}(\downarrow M6_{-41})^1} = (1) + \uparrow m3_{+41}(\downarrow M6_{-41})$

$9975 = 3^1 \bullet 5^2 \bullet 7^1 \bullet 19^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1} = (1) + \uparrow m3_{+41}(\downarrow M6_{-41})$

$9976 = 2^3 \bullet 29^1 \bullet 43^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow m7_{+30}(\downarrow M2_{-30})^1 + \uparrow P4_{+12}(\downarrow P5_{-12})^1} = (1) + \uparrow m3_{+41}(\downarrow M6_{-41})$

$9977 = 11^1 \bullet 907^1 = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m7_{-10}(\downarrow M2_{+10})^1} = (1) + \uparrow m3_{+41}(\downarrow M6_{-41})$

$9978 = 2^1 \bullet 3^1 \bullet 1663^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m6_{+39}(\downarrow M3_{-39})^1} = (1) + \uparrow m3_{+41}(\downarrow M6_{-41})$

$9979 = 17^1 \bullet 587^1 = \mathbf{(1) + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow M2_{+37}(\downarrow m7_{-37})^1} = (1) + \uparrow m3_{+42}(\downarrow M6_{-42})$

$9980 = 2^2 \bullet 5^1 \bullet 499^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow 8ve_{-45}(\downarrow uni_{+45})^1} = (1) + \uparrow m3_{+42}(\downarrow M6_{-42})$

$9981 = 3^2 \bullet 1109^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m2_{+38}(\downarrow M7_{-38})^1} = (1) + \uparrow m3_{+42}(\downarrow M6_{-42})$

$9982 = 2^1 \bullet 7^1 \bullet 23^1 \bullet 31^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow M7_{+45}(\downarrow m2_{-45})^1} = (1) + \uparrow m3_{+42}(\downarrow M6_{-42})$

$9983 = 67^1 \bullet 149^1 = \mathbf{(1) + \uparrow m2_{-21}(\downarrow M7_{+21})^1 + \uparrow m3_{-37}(\downarrow M6_{+37})^1} = (1) + \uparrow m3_{+42}(\downarrow M6_{-42})$

$9984 = 2^8 \bullet 3^1 \bullet 13^1 = \mathbf{(1) + \updownarrow 8ve(uni)^8 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1} = (1) + \uparrow m3_{+42}(\downarrow M6_{-42})$

$9985 = 5^1 \bullet 1997^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow 8ve_{-44}(\downarrow uni_{+44})^1} = (1) + \uparrow m3_{+43}(\downarrow M6_{-43})$

$9986 = 2^1 \bullet 4993^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m3_{+43}(\downarrow M6_{-43})^1} = (1) + \uparrow m3_{+43}(\downarrow M6_{-43})$

$9987 = 3^1 \bullet 3329^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1} = (1) + \uparrow m3_{+43}(\downarrow M6_{-43})$

$9988 = 2^2 \bullet 11^1 \bullet 227^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m7_{-8}(\downarrow M2_{+8})^1} = (1) + \uparrow m3_{+43}(\downarrow M6_{-43})$

$9989 = 7^1 \bullet 1427^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow tt_{-25}(\downarrow tt_{+25})^1} = (1) + \uparrow m3_{+43}(\downarrow M6_{-43})$

$9990 = 2^1 \bullet 3^3 \bullet 5^1 \bullet 37^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m3_{-49}(\downarrow M6_{+49})^1} = (1) + \uparrow m3_{+44}(\downarrow M6_{-44})$

$9991 = 97^1 \bullet 103^1 = \mathbf{(1) + \uparrow P5_{+20}(\downarrow P4_{-20})^1 + \uparrow m6_{+24}(\downarrow M3_{-24})^1} = (1) + \uparrow m3_{+44}(\downarrow M6_{-44})$

$9992 = 2^3 \bullet 1249^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow m3_{+44}(\downarrow M6_{-44})^1} = (1) + \uparrow m3_{+44}(\downarrow M6_{-44})$

$9993 = 3^1 \bullet 3331^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m6_{+42}(\downarrow M3_{-42})^1} = (1) + \uparrow m3_{+44}(\downarrow M6_{-44})$

$9994 = 2^1 \bullet 19^1 \bullet 263^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow uni_{+47}(\downarrow 8ve_{-47})^1} = (1) + \uparrow m3_{+44}(\downarrow M6_{-44})$

$9995 = 5^1 \bullet 1999^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow 8ve_{-42}(\downarrow uni_{+42})^1} = (1) + \uparrow m3_{+44}(\downarrow M6_{-44})$

$9996 = 2^2 \bullet 3^1 \bullet 7^2 \bullet 17^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^2 + \uparrow m2_{+5}(\downarrow M7_{-5})^1} = (1) + \uparrow m3_{+45}(\downarrow M6_{-45})$

$9997 = 13^1 \bullet 769^1 = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow P5_{+4}(\downarrow P4_{-4})^1} = (1) + \uparrow m3_{+45}(\downarrow M6_{-45})$

$9998 = 2^1 \bullet 4999^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m3_{+45}(\downarrow M6_{-45})^1} = (1) + \uparrow m3_{+45}(\downarrow M6_{-45})$

$9999 = 3^2 \bullet 11^1 \bullet 101^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m6_{-10}(\downarrow M3_{+10})^1} = (1) + \uparrow m3_{+45}(\downarrow M6_{-45})$

$10000 = 2^4 \bullet 5^4 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow M3_{-14}(\downarrow m6_{+14})^4} = (1) + \uparrow m3_{+45}(\downarrow M6_{-45})$

$10001 = 73^1 \bullet 137^1 = \mathbf{(1) + \uparrow M2_{+28}(\downarrow m7_{-28})^1 + \uparrow m2_{+18}(\downarrow M7_{-18})^1} = (1) + \uparrow m3_{+45}(\downarrow M6_{-45})$

$10002 = 2^{1}\bullet 3^{1}\bullet 1667^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m6_{+44}(\downarrow M3_{-44})^{1}} = (1) + \uparrow m3_{+46}(\downarrow M6_{-46})$

$10003 = 7^{1}\bullet 1429^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow tt_{-23}(\downarrow tt_{+23})^{1}} = (1) + \uparrow m3_{+46}(\downarrow M6_{-46})$

$10004 = 2^{2}\bullet 41^{1}\bullet 61^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M3_{+29}(\downarrow m6_{-29})^{1} + \uparrow M7_{+17}(\downarrow m2_{-17})^{1}} = (1) + \uparrow m3_{+46}(\downarrow M6_{-46})$

$10005 = 3^{1}\bullet 5^{1}\bullet 23^{1}\bullet 29^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1}} = (1) + \uparrow m3_{+46}(\downarrow M6_{-46})$

$10006 = 2^{1}\bullet 5003^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m3_{+46}(\downarrow M6_{-46})^{1}} = (1) + \uparrow m3_{+46}(\downarrow M6_{-46})$

$10007 = 10007^{1} = \mathbf{(1) + \uparrow m3_{+46}(\downarrow M6_{-46})}$

$10008 = 2^{3}\bullet 3^{2}\bullet 139^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m2_{+43}(\downarrow M7_{-43})^{1}} = (1) + \uparrow m3_{+47}(\downarrow M6_{-47})$

$10009 = 10009^{1} = \mathbf{(1) + \uparrow m3_{+47}(\downarrow M6_{-47})}$

$10010 = 2^{1}\bullet 5^{1}\bullet 7^{1}\bullet 11^{1}\bullet 13^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1}} =$
$(1) + \uparrow m3_{+47}(\downarrow M6_{-47})$

$10011 = 3^{1}\bullet 47^{1}\bullet 71^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow P5_{-34}(\downarrow P4_{+34})^{1} + \uparrow M2_{-20}(\downarrow m7_{+20})^{1}} = (1) + \uparrow m3_{+47}(\downarrow M6_{-47})$

$10012 = 2^{2}\bullet 2503^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m3_{+47}(\downarrow M6_{-47})^{1}} = (1) + \uparrow m3_{+47}(\downarrow M6_{-47})$

$10013 = 17^{1}\bullet 19^{1}\bullet 31^{1} = \mathbf{(1) + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1}} = (1) + \uparrow m3_{+48}(\downarrow M6_{-48})$

$10014 = 2^{1}\bullet 3^{1}\bullet 1669^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m6_{+46}(\downarrow M3_{-46})^{1}} = (1) + \uparrow m3_{+48}(\downarrow M6_{-48})$

$10015 = 5^{1}\bullet 2003^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow 8ve_{-38}(\downarrow uni_{+38})^{1}} = (1) + \uparrow m3_{+48}(\downarrow M6_{-48})$

$10016 = 2^{5}\bullet 313^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{5} + \uparrow m3_{+48}(\downarrow M6_{-48})^{1}} = (1) + \uparrow m3_{+48}(\downarrow M6_{-48})$

$10017 = 3^{3}\bullet 7^{1}\bullet 53^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M6_{-26}(\downarrow m3_{+26})^{1}} = (1) + \uparrow m3_{+48}(\downarrow M6_{-48})$

$10018 = 2^{1}\bullet 5009^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m3_{+48}(\downarrow M6_{-48})^{1}} = (1) + \uparrow m3_{+48}(\downarrow M6_{-48})$

$10019 = 43^{1}\bullet 233^{1} = \mathbf{(1) + \uparrow P4_{+12}(\downarrow P5_{-12})^{1} + \uparrow m7_{+37}(\downarrow M2_{-37})^{1}} = (1) + \uparrow m3_{+49}(\downarrow M6_{-49})$

$10020 = 2^{2}\bullet 3^{1}\bullet 5^{1}\bullet 167^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow P4_{-40}(\downarrow P5_{+40})^{1}} = (1) + \uparrow m3_{+49}(\downarrow M6_{-49})$

$10021 = 11^{1}\bullet 911^{1} = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m7_{-2}(\downarrow M2_{+2})^{1}} = (1) + \uparrow m3_{+49}(\downarrow M6_{-49})$

$10022 = 2^{1}\bullet 5011^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m3_{+49}(\downarrow M6_{-49})^{1}} = (1) + \uparrow m3_{+49}(\downarrow M6_{-49})$

$10023 = 3^{1}\bullet 13^{1}\bullet 257^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow uni_{+7}(\downarrow 8ve_{-7})^{1}} = (1) + \uparrow m3_{+49}(\downarrow M6_{-49})$

$10024 = 2^{3}\bullet 7^{1}\bullet 179^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow tt_{-19}(\downarrow tt_{+19})^{1}} = (1) + \uparrow m3_{+49}(\downarrow M6_{-49})$

$10025 = 5^{2}\bullet 401^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow m6_{-23}(\downarrow M3_{+23})^{1}} = (1) + \uparrow m3_{+50}(\downarrow M6_{-50})$

$10026 = 2^{1}\bullet 3^{2}\bullet 557^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m2_{+46}(\downarrow M7_{-46})^{1}} = (1) + \uparrow m3_{+50}(\downarrow M6_{-50})$

$10027 = 37^{1}\bullet 271^{1} = \mathbf{(1) + \uparrow m3_{-49}(\downarrow M6_{+49})^{1} + \uparrow m2_{-1}(\downarrow M7_{+1})^{1}} = (1) + \uparrow m3_{+50}(\downarrow M6_{-50})$

$10028 = 2^{2}\bullet 23^{1}\bullet 109^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow M6_{+22}(\downarrow m3_{-22})^{1}} = (1) + \uparrow M3_{-50}(\downarrow m6_{+50})$

$10029 = 3^{1}\bullet 3343^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m6_{+48}(\downarrow M3_{-48})^{1}} = (1) + \uparrow M3_{-50}(\downarrow m6_{+50})$

$10030 = 2^{1}\bullet 5^{1}\bullet 17^{1}\bullet 59^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow M7_{-41}(\downarrow m2_{+41})^{1}} = (1) + \uparrow M3_{-50}(\downarrow m6_{+50})$

$10031 = 7^{1}\bullet 1433^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow tt_{-18}(\downarrow tt_{+18})^{1}} = (1) + \uparrow M3_{-49}(\downarrow m6_{+49})$

$10032 = 2^{4}\bullet 3^{1}\bullet 11^{1}\bullet 19^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1}} = (1) + \uparrow M3_{-49}(\downarrow m6_{+49})$

$10033 = 79^{1}\bullet 127^{1} = \mathbf{(1) + \uparrow M3_{-35}(\downarrow m6_{+35})^{1} + \uparrow 8ve_{-14}(\downarrow uni_{+14})^{1}} = (1) + \uparrow M3_{-49}(\downarrow m6_{+49})$

$10034 = 2^{1}\bullet 29^{1}\bullet 173^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1} + \uparrow P4_{+22}(\downarrow P5_{-22})^{1}} = (1) + \uparrow M3_{-49}(\downarrow m6_{+49})$

$10035 = 3^{2}\bullet 5^{1}\bullet 223^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-39}(\downarrow M2_{+39})^{1}} = (1) + \uparrow M3_{-49}(\downarrow m6_{+49})$

$10036 = 2^{2}\bullet 13^{1}\bullet 193^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow P5_{+11}(\downarrow P4_{-11})^{1}} = (1) + \uparrow M3_{-49}(\downarrow m6_{+49})$

$10037 = 10037^{1} = \mathbf{(1) + \uparrow M3_{-48}(\downarrow m6_{+48})}$

$10038 = 2^{1}\bullet 3^{1}\bullet 7^{1}\bullet 239^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M7_{-19}(\downarrow m2_{+19})^{1}} = (1) + \uparrow M3_{-48}(\downarrow m6_{+48})$

$10039 = 10039^{1} = \mathbf{(1) + \uparrow M3_{-48}(\downarrow m6_{+48})}$

$10040 = 2^{3}\bullet 5^{1}\bullet 251^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow 8ve_{-34}(\downarrow uni_{+34})^{1}} = (1) + \uparrow M3_{-48}(\downarrow m6_{+48})$

$10041 = 3^{1}\bullet 3347^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M6_{-50}(\downarrow m3_{+50})^{1}} = (1) + \uparrow M3_{-48}(\downarrow m6_{+48})$

$10042 = 2^{1}\bullet 5021^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-47}(\downarrow m6_{+47})^{1}} = (1) + \uparrow M3_{-47}(\downarrow m6_{+47})$

$10043 = 11^{2}\bullet 83^{1} = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^{2} + \uparrow P4_{-50}(\downarrow P5_{+50})^{1}} = (1) + \uparrow M3_{-47}(\downarrow m6_{+47})$

$10044 = 2^{2}\bullet 3^{4}\bullet 31^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{4} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1}} = (1) + \uparrow M3_{-47}(\downarrow m6_{+47})$

$10045 = 5^{1}\bullet 7^{2}\bullet 41^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{2} + \uparrow M3_{+29}(\downarrow m6_{-29})^{1}} = (1) + \uparrow M3_{-47}(\downarrow m6_{+47})$

$10046 = 2^{1}\bullet 5023^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-47}(\downarrow m6_{+47})^{1}} = (1) + \uparrow M3_{-47}(\downarrow m6_{+47})$

$10047 = 3^{1}\bullet 17^{1}\bullet 197^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow P5_{+46}(\downarrow P4_{-46})^{1}} = (1) + \uparrow M3_{-47}(\downarrow m6_{+47})$

$10048 = 2^{6}\bullet 157^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{6} + \uparrow M3_{-46}(\downarrow m6_{+46})^{1}} = (1) + \uparrow M3_{-46}(\downarrow m6_{+46})$

$10049 = 13^{1}\bullet 773^{1} = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow P5_{+13}(\downarrow P4_{-13})^{1}} = (1) + \uparrow M3_{-46}(\downarrow m6_{+46})$

$10050 = 2^{1}\bullet 3^{1}\bullet 5^{2}\bullet 67^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow m2_{-21}(\downarrow M7_{+21})^{1}} = (1) + \uparrow M3_{-46}(\downarrow m6_{+46})$

$10051 = 19^{1}\bullet 23^{2} = \mathbf{(1) + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{2}} = (1) + \uparrow M3_{-46}(\downarrow m6_{+46})$

$10052 = 2^{2}\bullet 7^{1}\bullet 359^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow tt_{-15}(\downarrow tt_{+15})^{1}} = (1) + \uparrow M3_{-46}(\downarrow m6_{+46})$

$10053 = 3^{2}\bullet 1117^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M2_{-50}(\downarrow m7_{+50})^{1}} = (1) + \uparrow M3_{-46}(\downarrow m6_{+46})$

$10054 = 2^{1}\bullet 11^{1}\bullet 457^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m7_{+3}(\downarrow M2_{-3})^{1}} = (1) + \uparrow M3_{-45}(\downarrow m6_{+45})$

$10055 = 5^{1}\bullet 2011^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow 8ve_{-32}(\downarrow uni_{+32})^{1}} = (1) + \uparrow M3_{-45}(\downarrow m6_{+45})$

$10056 = 2^{3}\bullet 3^{1}\bullet 419^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M6_{-47}(\downarrow m3_{+47})^{1}} = (1) + \uparrow M3_{-45}(\downarrow m6_{+45})$

$10057 = 89^{1}\bullet 113^{1} = \mathbf{(1) + \uparrow tt_{-29}(\downarrow tt_{+29})^{1} + \uparrow m7_{-16}(\downarrow M2_{+16})^{1}} = (1) + \uparrow M3_{-45}(\downarrow m6_{+45})$

$10058 = 2^{1}\bullet 47^{1}\bullet 107^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{-34}(\downarrow P4_{+34})^{1} + \uparrow M6_{-10}(\downarrow m3_{+10})^{1}} = (1) + \uparrow M3_{-45}(\downarrow m6_{+45})$

$10059 = 3^{1}\bullet 7^{1}\bullet 479^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M7_{-15}(\downarrow m2_{+15})^{1}} = (1) + \uparrow M3_{-45}(\downarrow m6_{+45})$

$10060 = 2^{2}\bullet 5^{1}\bullet 503^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow 8ve_{-31}(\downarrow uni_{+31})^{1}} = (1) + \uparrow M3_{-44}(\downarrow m6_{+44})$

$10061 = 10061^{1} = \mathbf{(1) + \uparrow M3_{-44}(\downarrow m6_{+44})}$

$10062 = 2^{1}\bullet 3^{2}\bullet 13^{1}\bullet 43^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow P4_{+12}(\downarrow P5_{-12})^{1}} = (1) + \uparrow M3_{-44}(\downarrow m6_{+44})$

$10063 = 29^{1}\bullet 347^{1} = \mathbf{(1) + \uparrow m7_{+30}(\downarrow M2_{-30})^{1} + \uparrow P4_{+27}(\downarrow P5_{-27})^{1}} = (1) + \uparrow M3_{-44}(\downarrow m6_{+44})$

$10064 = 2^{4}\bullet 17^{1}\bullet 37^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow m3_{-49}(\downarrow M6_{+49})^{1}} = (1) + \uparrow M3_{-44}(\downarrow m6_{+44})$

$10065 = 3^{1}\bullet 5^{1}\bullet 11^{1}\bullet 61^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow M7_{+17}(\downarrow m2_{-17})^{1}} = (1) + \uparrow M3_{-44}(\downarrow m6_{+44})$

$10066 = 2^{1}\bullet 7^{1}\bullet 719^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow tt_{-12}(\downarrow tt_{+12})^{1}} = (1) + \uparrow M3_{-43}(\downarrow m6_{+43})$

$10067 = 10067^{1} = \mathbf{(1) + \uparrow M3_{-43}(\downarrow m6_{+43})}$

$10068 = 2^{2}\bullet 3^{1}\bullet 839^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M6_{-45}(\downarrow m3_{+45})^{1}} = (1) + \uparrow M3_{-43}(\downarrow m6_{+43})$

$10069 = 10069^{1} = \mathbf{(1) + \uparrow M3_{-43}(\downarrow m6_{+43})}$

$10070 = 2^{1}\bullet 5^{1}\bullet 19^{1}\bullet 53^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow M6_{-26}(\downarrow m3_{+26})^{1}} = (1) + \uparrow M3_{-43}(\downarrow m6_{+43})$

$10071 = 3^{3}\bullet 373^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow P5_{-48}(\downarrow P4_{+48})^{1}} = (1) + \uparrow M3_{-42}(\downarrow m6_{+42})$

$10072 = 2^{3}\bullet 1259^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow M3_{-42}(\downarrow m6_{+42})^{1}} = (1) + \uparrow M3_{-42}(\downarrow m6_{+42})$

$10073 = 7^{1}\bullet 1439^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow tt_{-11}(\downarrow tt_{+11})^{1}} = (1) + \uparrow M3_{-42}(\downarrow m6_{+42})$

$10074 = 2^{1}\bullet 3^{1}\bullet 23^{1}\bullet 73^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow M2_{+28}(\downarrow m7_{-28})^{1}} = (1) + \uparrow M3_{-42}(\downarrow m6_{+42})$

$10075 = 5^{2}\bullet 13^{1}\bullet 31^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1}} = (1) + \uparrow M3_{-42}(\downarrow m6_{+42})$

$10076 = 2^{2}\bullet 11^{1}\bullet 229^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m7_{+7}(\downarrow M2_{-7})^{1}} = (1) + \uparrow M3_{-42}(\downarrow m6_{+42})$

$10077 = 3^{1}\bullet 3359^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M6_{-43}(\downarrow m3_{+43})^{1}} = (1) + \uparrow M3_{-41}(\downarrow m6_{+41})$

$10078 = 2^{1}\bullet 5039^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-41}(\downarrow m6_{+41})^{1}} = (1) + \uparrow M3_{-41}(\downarrow m6_{+41})$

$10079 = 10079^{1} = \mathbf{(1) + \uparrow M3_{-41}(\downarrow m6_{+41})}$

$10080 = 2^{5}\bullet 3^{2}\bullet 5^{1}\bullet 7^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{5} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1}} = (1) + \uparrow M3_{-41}(\downarrow m6_{+41})$

$10081 = 17^{1}\bullet 593^{1} = \mathbf{(1) + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow m3_{-46}(\downarrow M6_{+46})^{1}} = (1) + \uparrow M3_{-41}(\downarrow m6_{+41})$

$10082 = 2^{1}\bullet 71^{2} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M2_{-20}(\downarrow m7_{+20})^{2}} = (1) + \uparrow M3_{-41}(\downarrow m6_{+41})$

$10083 = 3^{1}\bullet 3361^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M6_{-42}(\downarrow m3_{+42})^{1}} = (1) + \uparrow M3_{-40}(\downarrow m6_{+40})$

$10084 = 2^{2}\bullet 2521^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M3_{-40}(\downarrow m6_{+40})^{1}} = (1) + \uparrow M3_{-40}(\downarrow m6_{+40})$

$10085 = 5^1 \bullet 2017^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow 8ve_{-26}(\downarrow uni_{+26})^1} = (1) + \uparrow M3_{-40}(\downarrow m6_{+40})$

$10086 = 2^1 \bullet 3^1 \bullet 41^2 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{+29}(\downarrow m6_{-29})^2} = (1) + \uparrow M3_{-40}(\downarrow m6_{+40})$

$10087 = 7^1 \bullet 11^1 \bullet 131^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow uni_{+40}(\downarrow 8ve_{-40})^1} = (1) + \uparrow M3_{-40}(\downarrow m6_{+40})$

$10088 = 2^3 \bullet 13^1 \bullet 97^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow P5_{+20}(\downarrow P4_{-20})^1} = (1) + \uparrow M3_{-40}(\downarrow m6_{+40})$

$10089 = 3^2 \bullet 19^1 \bullet 59^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow M7_{-41}(\downarrow m2_{+41})^1} = (1) + \uparrow M3_{-39}(\downarrow m6_{+39})$

$10090 = 2^1 \bullet 5^1 \bullet 1009^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow 8ve_{-26}(\downarrow uni_{+26})^1} = (1) + \uparrow M3_{-39}(\downarrow m6_{+39})$

$10091 = 10091^1 = \mathbf{(1) + \uparrow M3_{-39}(\downarrow m6_{+39})}$

$10092 = 2^2 \bullet 3^1 \bullet 29^2 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^2} = (1) + \uparrow M3_{-39}(\downarrow m6_{+39})$

$10093 = 10093^1 = \mathbf{(1) + \uparrow M3_{-39}(\downarrow m6_{+39})}$

$10094 = 2^1 \bullet 7^2 \bullet 103^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^2 + \uparrow m6_{+24}(\downarrow M3_{-24})^1} = (1) + \uparrow M3_{-39}(\downarrow m6_{+39})$

$10095 = 3^1 \bullet 5^1 \bullet 673^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow P4_{-27}(\downarrow P5_{+27})^1} = (1) + \uparrow M3_{-38}(\downarrow m6_{+38})$

$10096 = 2^4 \bullet 631^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow M3_{-38}(\downarrow m6_{+38})^1} = (1) + \uparrow M3_{-38}(\downarrow m6_{+38})$

$10097 = 23^1 \bullet 439^1 = \mathbf{(1) + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow M6_{+34}(\downarrow m3_{-34})^1} = (1) + \uparrow M3_{-38}(\downarrow m6_{+38})$

$10098 = 2^1 \bullet 3^3 \bullet 11^1 \bullet 17^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1} = (1) + \uparrow M3_{-38}(\downarrow m6_{+38})$

$10099 = 10099^1 = \mathbf{(1) + \uparrow M3_{-38}(\downarrow m6_{+38})}$

$10100 = 2^2 \bullet 5^2 \bullet 101^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow m6_{-10}(\downarrow M3_{+10})^1} = (1) + \uparrow M3_{-38}(\downarrow m6_{+38})$

$10101 = 3^1 \bullet 7^1 \bullet 13^1 \bullet 37^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow m3_{-49}(\downarrow M6_{+49})^1} =$

$(1) + \uparrow M3_{-37}(\downarrow m6_{+37})$

$10102 = 2^1 \bullet 5051^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-37}(\downarrow m6_{+37})^1} = (1) + \uparrow M3_{-37}(\downarrow m6_{+37})$

$10103 = 10103^1 = \mathbf{(1) + \uparrow M3_{-37}(\downarrow m6_{+37})}$

$10104 = 2^3 \bullet 3^1 \bullet 421^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M6_{-39}(\downarrow m3_{+39})^1} = (1) + \uparrow M3_{-37}(\downarrow m6_{+37})$

$10105 = 5^1 \bullet 43^1 \bullet 47^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow P4_{+12}(\downarrow P5_{-12})^1 + \uparrow P5_{-34}(\downarrow P4_{+34})^1} = (1) + \uparrow M3_{-37}(\downarrow m6_{+37})$

$10106 = 2^1 \bullet 31^1 \bullet 163^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M7_{+45}(\downarrow m2_{-45})^1 + \uparrow M3_{+18}(\downarrow m6_{-18})^1} = (1) + \uparrow M3_{-36}(\downarrow m6_{+36})$

$10107 = 3^2 \bullet 1123^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M2_{-40}(\downarrow m7_{+40})^1} = (1) + \uparrow M3_{-36}(\downarrow m6_{+36})$

$10108 = 2^2 \bullet 7^1 \bullet 19^2 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^2} = (1) + \uparrow M3_{-36}(\downarrow m6_{+36})$

$10109 = 11^1 \bullet 919^1 = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m7_{+13}(\downarrow M2_{-13})^1} = (1) + \uparrow M3_{-36}(\downarrow m6_{+36})$

$10110 = 2^1 \bullet 3^1 \bullet 5^1 \bullet 337^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow P4_{-24}(\downarrow P5_{+24})^1} = (1) + \uparrow M3_{-36}(\downarrow m6_{+36})$

$10111 = 10111^1 = \mathbf{(1) + \uparrow M3_{-36}(\downarrow m6_{+36})}$

$10112 = 2^7 \bullet 79^1 = \mathbf{(1) + \updownarrow 8ve(uni)^7 + \uparrow M3_{-35}(\downarrow m6_{+35})^1} = (1) + \uparrow M3_{-35}(\downarrow m6_{+35})$

$10113 = 3^1 \bullet 3371^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M6_{-37}(\downarrow m3_{+37})^1} = (1) + \uparrow M3_{-35}(\downarrow m6_{+35})$

$10114 = 2^1 \bullet 13^1 \bullet 389^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow P5_{+24}(\downarrow P4_{-24})^1} = (1) + \uparrow M3_{-35}(\downarrow m6_{+35})$

$10115 = 5^1 \bullet 7^1 \bullet 17^2 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^2} = (1) + \uparrow M3_{-35}(\downarrow m6_{+35})$

$10116 = 2^2 \bullet 3^2 \bullet 281^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M2_{-39}(\downarrow m7_{+39})^1} = (1) + \uparrow M3_{-35}(\downarrow m6_{+35})$

$10117 = 67^1 \bullet 151^1 = \mathbf{(1) + \uparrow m2_{-21}(\downarrow M7_{+21})^1 + \uparrow m3_{-14}(\downarrow M6_{+14})^1} = (1) + \uparrow M3_{-35}(\downarrow m6_{+35})$

$10118 = 2^1 \bullet 5059^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-34}(\downarrow m6_{+34})^1} = (1) + \uparrow M3_{-34}(\downarrow m6_{+34})$

$10119 = 3^1 \bullet 3373^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M6_{-36}(\downarrow m3_{+36})^1} = (1) + \uparrow M3_{-34}(\downarrow m6_{+34})$

$10120 = 2^3 \bullet 5^1 \bullet 11^1 \bullet 23^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1} = (1) + \uparrow M3_{-34}(\downarrow m6_{+34})$

$10121 = 29^1 \bullet 349^1 = \mathbf{(1) + \uparrow m7_{+30}(\downarrow M2_{-30})^1 + \uparrow P4_{+36}(\downarrow P5_{-36})^1} = (1) + \uparrow M3_{-34}(\downarrow m6_{+34})$

$10122 = 2^1 \bullet 3^1 \bullet 7^1 \bullet 241^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M7_{-5}(\downarrow m2_{+5})^1} = (1) + \uparrow M3_{-34}(\downarrow m6_{+34})$

$10123 = 53^1 \bullet 191^1 = \mathbf{(1) + \uparrow M6_{-26}(\downarrow m3_{+26})^1 + \uparrow P5_{-7}(\downarrow P4_{+7})^1} = (1) + \uparrow M3_{-34}(\downarrow m6_{+34})$

$10124 = 2^2 \bullet 2531^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M3_{-33}(\downarrow m6_{+33})^1} = (1) + \uparrow M3_{-33}(\downarrow m6_{+33})$

$10125 = 3^4 \bullet 5^3 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^4 + \uparrow M3_{-14}(\downarrow m6_{+14})^3} = (1) + \uparrow M3_{-33}(\downarrow m6_{+33})$

$10126 = 2^{1}\bullet 61^{1}\bullet 83^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M7_{+17}(\downarrow m2_{-17})^{1} + \uparrow P4_{-50}(\downarrow P5_{+50})^{1}} = (1) + \uparrow M3_{-33}(\downarrow m6_{+33})$

$10127 = 13^{1}\bullet 19^{1}\bullet 41^{1} = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow M3_{+29}(\downarrow m6_{-29})^{1}} = (1) + \uparrow M3_{-33}(\downarrow m6_{+33})$

$10128 = 2^{4}\bullet 3^{1}\bullet 211^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M6_{-35}(\downarrow m3_{+35})^{1}} = (1) + \uparrow M3_{-33}(\downarrow m6_{+33})$

$10129 = 7^{1}\bullet 1447^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow tt_{-1}(\downarrow tt_{+1})^{1}} = (1) + \uparrow M3_{-33}(\downarrow m6_{+33})$

$10130 = 2^{1}\bullet 5^{1}\bullet 1013^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow 8ve_{-19}(\downarrow uni_{+19})^{1}} = (1) + \uparrow M3_{-32}(\downarrow m6_{+32})$

$10131 = 3^{1}\bullet 11^{1}\bullet 307^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m3_{+15}(\downarrow M6_{-15})^{1}} = (1) + \uparrow M3_{-32}(\downarrow m6_{+32})$

$10132 = 2^{2}\bullet 17^{1}\bullet 149^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow m3_{-37}(\downarrow M6_{+37})^{1}} = (1) + \uparrow M3_{-32}(\downarrow m6_{+32})$

$10133 = 10133^{1} = \mathbf{(1) + \uparrow M3_{-32}(\downarrow m6_{+32})}$

$10134 = 2^{1}\bullet 3^{2}\bullet 563^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M2_{-36}(\downarrow m7_{+36})^{1}} = (1) + \uparrow M3_{-32}(\downarrow m6_{+32})$

$10135 = 5^{1}\bullet 2027^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow 8ve_{-18}(\downarrow uni_{+18})^{1}} = (1) + \uparrow M3_{-32}(\downarrow m6_{+32})$

$10136 = 2^{3}\bullet 7^{1}\bullet 181^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow tt_{+0}(\downarrow tt_{-0})^{1}} = (1) + \uparrow M3_{-31}(\downarrow m6_{+31})$

$10137 = 3^{1}\bullet 31^{1}\bullet 109^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1} + \uparrow M6_{+22}(\downarrow m3_{-22})^{1}} = (1) + \uparrow M3_{-31}(\downarrow m6_{+31})$

$10138 = 2^{1}\bullet 37^{1}\bullet 137^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m3_{-49}(\downarrow M6_{+49})^{1} + \uparrow m2_{+18}(\downarrow M7_{-18})^{1}} = (1) + \uparrow M3_{-31}(\downarrow m6_{+31})$

$10139 = 10139^{1} = \mathbf{(1) + \uparrow M3_{-31}(\downarrow m6_{+31})}$

$10140 = 2^{2}\bullet 3^{1}\bullet 5^{1}\bullet 13^{2} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{2}} = (1) + \uparrow M3_{-31}(\downarrow m6_{+31})$

$10141 = 10141^{1} = \mathbf{(1) + \uparrow M3_{-31}(\downarrow m6_{+31})}$

$10142 = 2^{1}\bullet 11^{1}\bullet 461^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m7_{+18}(\downarrow M2_{-18})^{1}} = (1) + \uparrow M3_{-30}(\downarrow m6_{+30})$

$10143 = 3^{2}\bullet 7^{2}\bullet 23^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{2} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1}} = (1) + \uparrow M3_{-30}(\downarrow m6_{+30})$

$10144 = 2^{5}\bullet 317^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{5} + \uparrow M3_{-30}(\downarrow m6_{+30})^{1}} = (1) + \uparrow M3_{-30}(\downarrow m6_{+30})$

$10145 = 5^{1}\bullet 2029^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow 8ve_{-16}(\downarrow uni_{+16})^{1}} = (1) + \uparrow M3_{-30}(\downarrow m6_{+30})$

$10146 = 2^{1}\bullet 3^{1}\bullet 19^{1}\bullet 89^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow tt_{-29}(\downarrow tt_{+29})^{1}} = (1) + \uparrow M3_{-30}(\downarrow m6_{+30})$

$10147 = 73^{1}\bullet 139^{1} = \mathbf{(1) + \uparrow M2_{+28}(\downarrow m7_{-28})^{1} + \uparrow m2_{+43}(\downarrow M7_{-43})^{1}} = (1) + \uparrow M3_{-29}(\downarrow m6_{+29})$

$10148 = 2^{2}\bullet 43^{1}\bullet 59^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P4_{+12}(\downarrow P5_{-12})^{1} + \uparrow M7_{-41}(\downarrow m2_{+41})^{1}} = (1) + \uparrow M3_{-29}(\downarrow m6_{+29})$

$10149 = 3^{1}\bullet 17^{1}\bullet 199^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow m6_{-36}(\downarrow M3_{+36})^{1}} = (1) + \uparrow M3_{-29}(\downarrow m6_{+29})$

$10150 = 2^{1}\bullet 5^{2}\bullet 7^{1}\bullet 29^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1}} = (1) + \uparrow M3_{-29}(\downarrow m6_{+29})$

$10151 = 10151^{1} = \mathbf{(1) + \uparrow M3_{-29}(\downarrow m6_{+29})}$

$10152 = 2^{3}\bullet 3^{3}\bullet 47^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow P5_{-34}(\downarrow P4_{+34})^{1}} = (1) + \uparrow M3_{-29}(\downarrow m6_{+29})$

$10153 = 11^{1}\bullet 13^{1}\bullet 71^{1} = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow M2_{-20}(\downarrow m7_{+20})^{1}} = (1) + \uparrow M3_{-28}(\downarrow m6_{+28})$

$10154 = 2^{1}\bullet 5077^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-28}(\downarrow m6_{+28})^{1}} = (1) + \uparrow M3_{-28}(\downarrow m6_{+28})$

$10155 = 3^{1}\bullet 5^{1}\bullet 677^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow P4_{-16}(\downarrow P5_{+16})^{1}} = (1) + \uparrow M3_{-28}(\downarrow m6_{+28})$

$10156 = 2^{2}\bullet 2539^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M3_{-28}(\downarrow m6_{+28})^{1}} = (1) + \uparrow M3_{-28}(\downarrow m6_{+28})$

$10157 = 7^{1}\bullet 1451^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow tt_{+3}(\downarrow tt_{-3})^{1}} = (1) + \uparrow M3_{-28}(\downarrow m6_{+28})$

$10158 = 2^{1}\bullet 3^{1}\bullet 1693^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M6_{-30}(\downarrow m3_{+30})^{1}} = (1) + \uparrow M3_{-28}(\downarrow m6_{+28})$

$10159 = 10159^{1} = \mathbf{(1) + \uparrow M3_{-27}(\downarrow m6_{+27})}$

$10160 = 2^{4}\bullet 5^{1}\bullet 127^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow 8ve_{-14}(\downarrow uni_{+14})^{1}} = (1) + \uparrow M3_{-27}(\downarrow m6_{+27})$

$10161 = 3^{2}\bullet 1129^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M2_{-31}(\downarrow m7_{+31})^{1}} = (1) + \uparrow M3_{-27}(\downarrow m6_{+27})$

$10162 = 2^{1}\bullet 5081^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-27}(\downarrow m6_{+27})^{1}} = (1) + \uparrow M3_{-27}(\downarrow m6_{+27})$

$10163 = 10163^{1} = \mathbf{(1) + \uparrow M3_{-27}(\downarrow m6_{+27})}$

$10164 = 2^{2}\bullet 3^{1}\bullet 7^{1}\bullet 11^{2} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{2}} = (1) + \uparrow M3_{-27}(\downarrow m6_{+27})$

$10165 = 5^{1}\bullet 19^{1}\bullet 107^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow M6_{-10}(\downarrow m3_{+10})^{1}} = (1) + \uparrow M3_{-26}(\downarrow m6_{+26})$

$10166 = 2^{1}\bullet 13^{1}\bullet 17^{1}\bullet 23^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1}} = (1) + \uparrow M3_{-26}(\downarrow m6_{+26})$

$10167 = 3^{1}\bullet 3389^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M6_{-28}(\downarrow m3_{+28})^{1}} = (1) + \uparrow M3_{-26}(\downarrow m6_{+26})$

$10168 = 2^{3}\bullet 31^{1}\bullet 41^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1} + \uparrow M3_{+29}(\downarrow m6_{-29})^{1}} = (1) + \uparrow M3_{-26}(\downarrow m6_{+26})$

$10169 = 10169^{1} = \mathbf{(1) + \uparrow M3_{-26}(\downarrow m6_{+26})}$

$10170 = 2^{1}\bullet 3^{2}\bullet 5^{1}\bullet 113^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-16}(\downarrow M2_{+16})^{1}} = (1) + \uparrow M3_{-26}(\downarrow m6_{+26})$

$10171 = 7^{1}\bullet 1453^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow tt_{+6}(\downarrow tt_{-6})^{1}} = (1) + \uparrow M3_{-25}(\downarrow m6_{+25})$

$10172 = 2^{2}\bullet 2543^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M3_{-25}(\downarrow m6_{+25})^{1}} = (1) + \uparrow M3_{-25}(\downarrow m6_{+25})$

$10173 = 3^{1}\bullet 3391^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M6_{-27}(\downarrow m3_{+27})^{1}} = (1) + \uparrow M3_{-25}(\downarrow m6_{+25})$

$10174 = 2^{1}\bullet 5087^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-25}(\downarrow m6_{+25})^{1}} = (1) + \uparrow M3_{-25}(\downarrow m6_{+25})$

$10175 = 5^{2}\bullet 11^{1}\bullet 37^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m3_{-49}(\downarrow M6_{+49})^{1}} = (1) + \uparrow M3_{-25}(\downarrow m6_{+25})$

$10176 = 2^{6}\bullet 3^{1}\bullet 53^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{6} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M6_{-26}(\downarrow m3_{+26})^{1}} = (1) + \uparrow M3_{-25}(\downarrow m6_{+25})$

$10177 = 10177^{1} = \mathbf{(1) + \uparrow M3_{-24}(\downarrow m6_{+24})}$

$10178 = 2^{1}\bullet 7^{1}\bullet 727^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow tt_{+7}(\downarrow tt_{-7})^{1}} = (1) + \uparrow M3_{-24}(\downarrow m6_{+24})$

$10179 = 3^{3}\bullet 13^{1}\bullet 29^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1}} = (1) + \uparrow M3_{-24}(\downarrow m6_{+24})$

$10180 = 2^{2}\bullet 5^{1}\bullet 509^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow 8ve_{-10}(\downarrow uni_{+10})^{1}} = (1) + \uparrow M3_{-24}(\downarrow m6_{+24})$

$10181 = 10181^{1} = \mathbf{(1) + \uparrow M3_{-24}(\downarrow m6_{+24})}$

$10182 = 2^{1}\bullet 3^{1}\bullet 1697^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M6_{-25}(\downarrow m3_{+25})^{1}} = (1) + \uparrow M3_{-24}(\downarrow m6_{+24})$

$10183 = 17^{1}\bullet 599^{1} = \mathbf{(1) + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow m3_{-28}(\downarrow M6_{+28})^{1}} = (1) + \uparrow M3_{-23}(\downarrow m6_{+23})$

$10184 = 2^{3}\bullet 19^{1}\bullet 67^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow m2_{-21}(\downarrow M7_{+21})^{1}} = (1) + \uparrow M3_{-23}(\downarrow m6_{+23})$

$10185 = 3^{1}\bullet 5^{1}\bullet 7^{1}\bullet 97^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow P5_{+20}(\downarrow P4_{-20})^{1}} = (1) + \uparrow M3_{-23}(\downarrow m6_{+23})$

$10186 = 2^{1}\bullet 11^{1}\bullet 463^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m7_{+26}(\downarrow M2_{-26})^{1}} = (1) + \uparrow M3_{-23}(\downarrow m6_{+23})$

$10187 = 61^{1}\bullet 167^{1} = \mathbf{(1) + \uparrow M7_{+17}(\downarrow m2_{-17})^{1} + \uparrow P4_{-40}(\downarrow P5_{+40})^{1}} = (1) + \uparrow M3_{-23}(\downarrow m6_{+23})$

$10188 = 2^{2}\bullet 3^{2}\bullet 283^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M2_{-26}(\downarrow m7_{+26})^{1}} = (1) + \uparrow M3_{-23}(\downarrow m6_{+23})$

$10189 = 23^{1}\bullet 443^{1} = \mathbf{(1) + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow M6_{+49}(\downarrow m3_{-49})^{1}} = (1) + \uparrow M3_{-22}(\downarrow m6_{+22})$

$10190 = 2^{1}\bullet 5^{1}\bullet 1019^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow 8ve_{-8}(\downarrow uni_{+8})^{1}} = (1) + \uparrow M3_{-22}(\downarrow m6_{+22})$

$10191 = 3^{1}\bullet 43^{1}\bullet 79^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow P4_{+12}(\downarrow P5_{-12})^{1} + \uparrow M3_{-35}(\downarrow m6_{+35})^{1}} = (1) + \uparrow M3_{-22}(\downarrow m6_{+22})$

$10192 = 2^{4}\bullet 7^{2}\bullet 13^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow m7_{-31}(\downarrow M2_{+31})^{2} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1}} = (1) + \uparrow M3_{-22}(\downarrow m6_{+22})$

$10193 = 10193^{1} = \mathbf{(1) + \uparrow M3_{-22}(\downarrow m6_{+22})}$

$10194 = 2^{1}\bullet 3^{1}\bullet 1699^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M6_{-23}(\downarrow m3_{+23})^{1}} = (1) + \uparrow M3_{-21}(\downarrow m6_{+21})$

$10195 = 5^{1}\bullet 2039^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow 8ve_{-8}(\downarrow uni_{+8})^{1}} = (1) + \uparrow M3_{-21}(\downarrow m6_{+21})$

$10196 = 2^{2}\bullet 2549^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M3_{-21}(\downarrow m6_{+21})^{1}} = (1) + \uparrow M3_{-21}(\downarrow m6_{+21})$

$10197 = 3^{2}\bullet 11^{1}\bullet 103^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m6_{+24}(\downarrow M3_{-24})^{1}} = (1) + \uparrow M3_{-21}(\downarrow m6_{+21})$

$10198 = 2^{1}\bullet 5099^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-21}(\downarrow m6_{+21})^{1}} = (1) + \uparrow M3_{-21}(\downarrow m6_{+21})$

$10199 = 7^{1}\bullet 31^{1}\bullet 47^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1} + \uparrow P5_{-34}(\downarrow P4_{+34})^{1}} = (1) + \uparrow M3_{-21}(\downarrow m6_{+21})$

$10200 = 2^{3}\bullet 3^{1}\bullet 5^{2}\bullet 17^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1}} = (1) + \uparrow M3_{-20}(\downarrow m6_{+20})$

$10201 = 101^{2} = \mathbf{(1) + \uparrow m6_{-10}(\downarrow M3_{+10})^{2}} = (1) + \uparrow M3_{-20}(\downarrow m6_{+20})$

$10202 = 2^{1}\bullet 5101^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-20}(\downarrow m6_{+20})^{1}} = (1) + \uparrow M3_{-20}(\downarrow m6_{+20})$

$10203 = 3^{1}\bullet 19^{1}\bullet 179^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow tt_{-19}(\downarrow tt_{+19})^{1}} = (1) + \uparrow M3_{-20}(\downarrow m6_{+20})$

$10204 = 2^{2}\bullet 2551^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M3_{-20}(\downarrow m6_{+20})^{1}} = (1) + \uparrow M3_{-20}(\downarrow m6_{+20})$

$10205 = 5^{1}\bullet 13^{1}\bullet 157^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow M3_{-46}(\downarrow m6_{+46})^{1}} = (1) + \uparrow M3_{-20}(\downarrow m6_{+20})$

$10206 = 2^{1}\bullet 3^{6}\bullet 7^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{6} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1}} = (1) + \uparrow M3_{-19}(\downarrow m6_{+19})$

$10207 = 59^{1}\bullet 173^{1} = \mathbf{(1) + \uparrow M7_{-41}(\downarrow m2_{+41})^{1} + \uparrow P4_{+22}(\downarrow P5_{-22})^{1}} = (1) + \uparrow M3_{-19}(\downarrow m6_{+19})$

$10208 = 2^{5}\bullet 11^{1}\bullet 29^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{5} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1}} = (1) + \uparrow M3_{-19}(\downarrow m6_{+19})$

$10209 = 3^{1}\bullet 41^{1}\bullet 83^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{+29}(\downarrow m6_{-29})^{1} + \uparrow P4_{-50}(\downarrow P5_{+50})^{1}} = (1) + \uparrow M3_{-19}(\downarrow m6_{+19})$

$10210 = 2^{1}\bullet5^{1}\bullet1021^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow 8ve_{-5}(\downarrow uni_{+5})^{1}} = (1) + \uparrow M3_{-19}(\downarrow m6_{+19})$

$10211 = 10211^{1} = \mathbf{(1) + \uparrow M3_{-19}(\downarrow m6_{+19})}$

$10212 = 2^{2}\bullet3^{1}\bullet23^{1}\bullet37^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow m3_{-49}(\downarrow M6_{+49})^{1}} = (1) + \uparrow M3_{-18}(\downarrow m6_{+18})$

$10213 = 7^{1}\bullet1459^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow tt_{+13}(\downarrow tt_{-13})^{1}} = (1) + \uparrow M3_{-18}(\downarrow m6_{+18})$

$10214 = 2^{1}\bullet5107^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-18}(\downarrow m6_{+18})^{1}} = (1) + \uparrow M3_{-18}(\downarrow m6_{+18})$

$10215 = 3^{2}\bullet5^{1}\bullet227^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-8}(\downarrow M2_{+8})^{1}} = (1) + \uparrow M3_{-18}(\downarrow m6_{+18})$

$10216 = 2^{3}\bullet1277^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow M3_{-18}(\downarrow m6_{+18})^{1}} = (1) + \uparrow M3_{-18}(\downarrow m6_{+18})$

$10217 = 17^{1}\bullet601^{1} = \mathbf{(1) + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow m3_{-23}(\downarrow M6_{+23})^{1}} = (1) + \uparrow M3_{-18}(\downarrow m6_{+18})$

$10218 = 2^{1}\bullet3^{1}\bullet13^{1}\bullet131^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow uni_{+40}(\downarrow 8ve_{-40})^{1}} = (1) + \uparrow M3_{-17}(\downarrow m6_{+17})$

$10219 = 11^{1}\bullet929^{1} = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m7_{+31}(\downarrow M2_{-31})^{1}} = (1) + \uparrow M3_{-17}(\downarrow m6_{+17})$

$10220 = 2^{2}\bullet5^{1}\bullet7^{1}\bullet73^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M2_{+28}(\downarrow m7_{-28})^{1}} = (1) + \uparrow M3_{-17}(\downarrow m6_{+17})$

$10221 = 3^{1}\bullet3407^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M6_{-19}(\downarrow m3_{+19})^{1}} = (1) + \uparrow M3_{-17}(\downarrow m6_{+17})$

$10222 = 2^{1}\bullet19^{1}\bullet269^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow m2_{-14}(\downarrow M7_{+14})^{1}} = (1) + \uparrow M3_{-17}(\downarrow m6_{+17})$

$10223 = 10223^{1} = \mathbf{(1) + \uparrow M3_{-17}(\downarrow m6_{+17})}$

$10224 = 2^{4}\bullet3^{2}\bullet71^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M2_{-20}(\downarrow m7_{+20})^{1}} = (1) + \uparrow M3_{-16}(\downarrow m6_{+16})$

$10225 = 5^{2}\bullet409^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow m6_{+11}(\downarrow M3_{-11})^{1}} = (1) + \uparrow M3_{-16}(\downarrow m6_{+16})$

$10226 = 2^{1}\bullet5113^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-16}(\downarrow m6_{+16})^{1}} = (1) + \uparrow M3_{-16}(\downarrow m6_{+16})$

$10227 = 3^{1}\bullet7^{1}\bullet487^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M7_{+13}(\downarrow m2_{-13})^{1}} = (1) + \uparrow M3_{-16}(\downarrow m6_{+16})$

$10228 = 2^{2}\bullet2557^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M3_{-16}(\downarrow m6_{+16})^{1}} = (1) + \uparrow M3_{-16}(\downarrow m6_{+16})$

$10229 = 53^{1}\bullet193^{1} = \mathbf{(1) + \uparrow M6_{-26}(\downarrow m3_{+26})^{1} + \uparrow P5_{+11}(\downarrow P4_{-11})^{1}} = (1) + \uparrow M3_{-16}(\downarrow m6_{+16})$

$10230 = 2^{1}\bullet3^{1}\bullet5^{1}\bullet11^{1}\bullet31^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1}} =$
$(1) + \uparrow M3_{-15}(\downarrow m6_{+15})$

$10231 = 13^{1}\bullet787^{1} = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow P5_{+44}(\downarrow P4_{-44})^{1}} = (1) + \uparrow M3_{-15}(\downarrow m6_{+15})$

$10232 = 2^{3}\bullet1279^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow M3_{-15}(\downarrow m6_{+15})^{1}} = (1) + \uparrow M3_{-15}(\downarrow m6_{+15})$

$10233 = 3^{3}\bullet379^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow P5_{-21}(\downarrow P4_{+21})^{1}} = (1) + \uparrow M3_{-15}(\downarrow m6_{+15})$

$10234 = 2^{1}\bullet7^{1}\bullet17^{1}\bullet43^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow P4_{+12}(\downarrow P5_{-12})^{1}} = (1) + \uparrow M3_{-15}(\downarrow m6_{+15})$

$10235 = 5^{1}\bullet23^{1}\bullet89^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow tt_{-29}(\downarrow tt_{+29})^{1}} = (1) + \uparrow M3_{-15}(\downarrow m6_{+15})$

$10236 = 2^{2}\bullet3^{1}\bullet853^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M6_{-16}(\downarrow m3_{+16})^{1}} = (1) + \uparrow M3_{-14}(\downarrow m6_{+14})$

$10237 = 29^{1}\bullet353^{1} = \mathbf{(1) + \uparrow m7_{+30}(\downarrow M2_{-30})^{1} + \uparrow tt_{-44}(\downarrow tt_{+44})^{1}} = (1) + \uparrow M3_{-14}(\downarrow m6_{+14})$

$10238 = 2^{1}\bullet5119^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1}} = (1) + \uparrow M3_{-14}(\downarrow m6_{+14})$

$10239 = 3^{1}\bullet3413^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M6_{-16}(\downarrow m3_{+16})^{1}} = (1) + \uparrow M3_{-14}(\downarrow m6_{+14})$

$10240 = 2^{11}\bullet5^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{11} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1}} = (1) + \uparrow M3_{-14}(\downarrow m6_{+14})$

$10241 = 7^{2}\bullet11^{1}\bullet19^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{2} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1}} = (1) + \uparrow M3_{-14}(\downarrow m6_{+14})$

$10242 = 2^{1}\bullet3^{2}\bullet569^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M2_{-17}(\downarrow m7_{+17})^{1}} = (1) + \uparrow M3_{-13}(\downarrow m6_{+13})$

$10243 = 10243^{1} = \mathbf{(1) + \uparrow M3_{-13}(\downarrow m6_{+13})}$

$10244 = 2^{2}\bullet13^{1}\bullet197^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow P5_{+46}(\downarrow P4_{-46})^{1}} = (1) + \uparrow M3_{-13}(\downarrow m6_{+13})$

$10245 = 3^{1}\bullet5^{1}\bullet683^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow P4_{-1}(\downarrow P5_{+1})^{1}} = (1) + \uparrow M3_{-13}(\downarrow m6_{+13})$

$10246 = 2^{1}\bullet47^{1}\bullet109^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{-34}(\downarrow P4_{+34})^{1} + \uparrow M6_{+22}(\downarrow m3_{-22})^{1}} = (1) + \uparrow M3_{-13}(\downarrow m6_{+13})$

$10247 = 10247^{1} = \mathbf{(1) + \uparrow M3_{-13}(\downarrow m6_{+13})}$

$10248 = 2^{3}\bullet3^{1}\bullet7^{1}\bullet61^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M7_{+17}(\downarrow m2_{-17})^{1}} = (1) + \uparrow M3_{-12}(\downarrow m6_{+12})$

$10249 = 37^{1}\bullet277^{1} = \mathbf{(1) + \uparrow m3_{-49}(\downarrow M6_{+49})^{1} + \uparrow m2_{+36}(\downarrow M7_{-36})^{1}} = (1) + \uparrow M3_{-12}(\downarrow m6_{+12})$

$10250 = 2^{1}\bullet5^{3}\bullet41^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{3} + \uparrow M3_{+29}(\downarrow m6_{-29})^{1}} = (1) + \uparrow M3_{-12}(\downarrow m6_{+12})$

$10251 = 3^{2}\bullet 17^{1}\bullet 67^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow m2_{-21}(\downarrow M7_{+21})^{1}} = (1) + \uparrow M3_{-12}(\downarrow m6_{+12})$

$10252 = 2^{2}\bullet 11^{1}\bullet 233^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m7_{+37}(\downarrow M2_{-37})^{1}} = (1) + \uparrow M3_{-12}(\downarrow m6_{+12})$

$10253 = 10253^{1} = \mathbf{(1) + \uparrow M3_{-11}(\downarrow m6_{+11})}$

$10254 = 2^{1}\bullet 3^{1}\bullet 1709^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M6_{-13}(\downarrow m3_{+13})^{1}} = (1) + \uparrow M3_{-11}(\downarrow m6_{+11})$

$10255 = 5^{1}\bullet 7^{1}\bullet 293^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M2_{+34}(\downarrow m7_{-34})^{1}} = (1) + \uparrow M3_{-11}(\downarrow m6_{+11})$

$10256 = 2^{4}\bullet 641^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow M3_{-11}(\downarrow m6_{+11})^{1}} = (1) + \uparrow M3_{-11}(\downarrow m6_{+11})$

$10257 = 3^{1}\bullet 13^{1}\bullet 263^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow uni_{+47}(\downarrow 8ve_{-47})^{1}} = (1) + \uparrow M3_{-11}(\downarrow m6_{+11})$

$10258 = 2^{1}\bullet 23^{1}\bullet 223^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow m7_{-39}(\downarrow M2_{+39})^{1}} = (1) + \uparrow M3_{-11}(\downarrow m6_{+11})$

$10259 = 10259^{1} = \mathbf{(1) + \uparrow M3_{-10}(\downarrow m6_{+10})}$

$10260 = 2^{2}\bullet 3^{3}\bullet 5^{1}\bullet 19^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1}} = (1) + \uparrow M3_{-10}(\downarrow m6_{+10})$

$10261 = 31^{1}\bullet 331^{1} = \mathbf{(1) + \uparrow M7_{+45}(\downarrow m2_{-45})^{1} + \uparrow M3_{+45}(\downarrow m6_{-45})^{1}} = (1) + \uparrow M3_{-10}(\downarrow m6_{+10})$

$10262 = 2^{1}\bullet 7^{1}\bullet 733^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow tt_{+21}(\downarrow tt_{-21})^{1}} = (1) + \uparrow M3_{-10}(\downarrow m6_{+10})$

$10263 = 3^{1}\bullet 11^{1}\bullet 311^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m3_{+37}(\downarrow M6_{-37})^{1}} = (1) + \uparrow M3_{-10}(\downarrow m6_{+10})$

$10264 = 2^{3}\bullet 1283^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow M3_{-10}(\downarrow m6_{+10})^{1}} = (1) + \uparrow M3_{-10}(\downarrow m6_{+10})$

$10265 = 5^{1}\bullet 2053^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow uni_{+4}(\downarrow 8ve_{-4})^{1}} = (1) + \uparrow M3_{-9}(\downarrow m6_{+9})$

$10266 = 2^{1}\bullet 3^{1}\bullet 29^{1}\bullet 59^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1} + \uparrow M7_{-41}(\downarrow m2_{+41})^{1}} = (1) + \uparrow M3_{-9}(\downarrow m6_{+9})$

$10267 = 10267^{1} = \mathbf{(1) + \uparrow M3_{-9}(\downarrow m6_{+9})}$

$10268 = 2^{2}\bullet 17^{1}\bullet 151^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow m3_{-14}(\downarrow M6_{+14})^{1}} = (1) + \uparrow M3_{-9}(\downarrow m6_{+9})$

$10269 = 3^{2}\bullet 7^{1}\bullet 163^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M3_{+18}(\downarrow m6_{-18})^{1}} = (1) + \uparrow M3_{-9}(\downarrow m6_{+9})$

$10270 = 2^{1}\bullet 5^{1}\bullet 13^{1}\bullet 79^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow M3_{-35}(\downarrow m6_{+35})^{1}} = (1) + \uparrow M3_{-9}(\downarrow m6_{+9})$

$10271 = 10271^{1} = \mathbf{(1) + \uparrow M3_{-8}(\downarrow m6_{+8})}$

$10272 = 2^{5}\bullet 3^{1}\bullet 107^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{5} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M6_{-10}(\downarrow m3_{+10})^{1}} = (1) + \uparrow M3_{-8}(\downarrow m6_{+8})$

$10273 = 10273^{1} = \mathbf{(1) + \uparrow M3_{-8}(\downarrow m6_{+8})}$

$10274 = 2^{1}\bullet 11^{1}\bullet 467^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m7_{+41}(\downarrow M2_{-41})^{1}} = (1) + \uparrow M3_{-8}(\downarrow m6_{+8})$

$10275 = 3^{1}\bullet 5^{2}\bullet 137^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow m2_{+18}(\downarrow M7_{-18})^{1}} = (1) + \uparrow M3_{-8}(\downarrow m6_{+8})$

$10276 = 2^{2}\bullet 7^{1}\bullet 367^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow tt_{+24}(\downarrow tt_{-24})^{1}} = (1) + \uparrow M3_{-8}(\downarrow m6_{+8})$

$10277 = 43^{1}\bullet 239^{1} = \mathbf{(1) + \uparrow P4_{+12}(\downarrow P5_{-12})^{1} + \uparrow M7_{-19}(\downarrow m2_{+19})^{1}} = (1) + \uparrow M3_{-7}(\downarrow m6_{+7})$

$10278 = 2^{1}\bullet 3^{2}\bullet 571^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M2_{-11}(\downarrow m7_{+11})^{1}} = (1) + \uparrow M3_{-7}(\downarrow m6_{+7})$

$10279 = 19^{1}\bullet 541^{1} = \mathbf{(1) + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow m2_{-5}(\downarrow M7_{+5})^{1}} = (1) + \uparrow M3_{-7}(\downarrow m6_{+7})$

$10280 = 2^{3}\bullet 5^{1}\bullet 257^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow uni_{+7}(\downarrow 8ve_{-7})^{1}} = (1) + \uparrow M3_{-7}(\downarrow m6_{+7})$

$10281 = 3^{1}\bullet 23^{1}\bullet 149^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow m3_{-37}(\downarrow M6_{+37})^{1}} = (1) + \uparrow M3_{-7}(\downarrow m6_{+7})$

$10282 = 2^{1}\bullet 53^{1}\bullet 97^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M6_{-26}(\downarrow m3_{+26})^{1} + \uparrow P5_{+20}(\downarrow P4_{-20})^{1}} = (1) + \uparrow M3_{-7}(\downarrow m6_{+7})$

$10283 = 7^{1}\bullet 13^{1}\bullet 113^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m7_{-16}(\downarrow M2_{+16})^{1}} = (1) + \uparrow M3_{-6}(\downarrow m6_{+6})$

$10284 = 2^{2}\bullet 3^{1}\bullet 857^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M6_{-8}(\downarrow m3_{+8})^{1}} = (1) + \uparrow M3_{-6}(\downarrow m6_{+6})$

$10285 = 5^{1}\bullet 11^{2}\bullet 17^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{2} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1}} = (1) + \uparrow M3_{-6}(\downarrow m6_{+6})$

$10286 = 2^{1}\bullet 37^{1}\bullet 139^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m3_{-49}(\downarrow M6_{+49})^{1} + \uparrow m2_{+43}(\downarrow M7_{-43})^{1}} = (1) + \uparrow M3_{-6}(\downarrow m6_{+6})$

$10287 = 3^{4}\bullet 127^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{4} + \uparrow 8ve_{-14}(\downarrow uni_{+14})^{1}} = (1) + \uparrow M3_{-6}(\downarrow m6_{+6})$

$10288 = 2^{4}\bullet 643^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow M3_{-6}(\downarrow m6_{+6})^{1}} = (1) + \uparrow M3_{-6}(\downarrow m6_{+6})$

$10289 = 10289^{1} = \mathbf{(1) + \uparrow M3_{-5}(\downarrow m6_{+5})}$

$10290 = 2^{1}\bullet 3^{1}\bullet 5^{1}\bullet 7^{3} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{3}} = (1) + \uparrow M3_{-5}(\downarrow m6_{+5})$

$10291 = 41^{1}\bullet 251^{1} = \mathbf{(1) + \uparrow M3_{+29}(\downarrow m6_{-29})^{1} + \uparrow 8ve_{-34}(\downarrow uni_{+34})^{1}} = (1) + \uparrow M3_{-5}(\downarrow m6_{+5})$

$10292 = 2^{2}\bullet 31^{1}\bullet 83^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1} + \uparrow P4_{-50}(\downarrow P5_{+50})^{1}} = (1) + \uparrow M3_{-5}(\downarrow m6_{+5})$

$10293 = 3^1 \bullet 47^1 \bullet 73^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow P5_{-34}(\downarrow P4_{+34})^1 + \uparrow M2_{+28}(\downarrow m7_{-28})^1} = (1) + \uparrow M3_{-5}(\downarrow m6_{+5})$

$10294 = 2^1 \bullet 5147^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-5}(\downarrow m6_{+5})^1} = (1) + \uparrow M3_{-5}(\downarrow m6_{+5})$

$10295 = 5^1 \bullet 29^1 \bullet 71^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1 + \uparrow M2_{-20}(\downarrow m7_{+20})^1} = (1) + \uparrow M3_{-4}(\downarrow m6_{+4})$

$10296 = 2^3 \bullet 3^2 \bullet 11^1 \bullet 13^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1} = (1) + \uparrow M3_{-4}(\downarrow m6_{+4})$

$10297 = 7^1 \bullet 1471^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow tt_{+27}(\downarrow tt_{-27})^1} = (1) + \uparrow M3_{-4}(\downarrow m6_{+4})$

$10298 = 2^1 \bullet 19^1 \bullet 271^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow m2_{-1}(\downarrow M7_{+1})^1} = (1) + \uparrow M3_{-4}(\downarrow m6_{+4})$

$10299 = 3^1 \bullet 3433^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M6_{-6}(\downarrow m3_{+6})^1} = (1) + \uparrow M3_{-4}(\downarrow m6_{+4})$

$10300 = 2^2 \bullet 5^2 \bullet 103^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow m6_{+24}(\downarrow M3_{-24})^1} = (1) + \uparrow M3_{-4}(\downarrow m6_{+4})$

$10301 = 10301^1 = \mathbf{(1) + \uparrow M3_{-3}(\downarrow m6_{+3})}$

$10302 = 2^1 \bullet 3^1 \bullet 17^1 \bullet 101^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow m6_{-10}(\downarrow M3_{+10})^1} = (1) + \uparrow M3_{-3}(\downarrow m6_{+3})$

$10303 = 10303^1 = \mathbf{(1) + \uparrow M3_{-3}(\downarrow m6_{+3})}$

$10304 = 2^6 \bullet 7^1 \bullet 23^1 = \mathbf{(1) + \updownarrow 8ve(uni)^6 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1} = (1) + \uparrow M3_{-3}(\downarrow m6_{+3})$

$10305 = 3^2 \bullet 5^1 \bullet 229^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{+7}(\downarrow M2_{-7})^1} = (1) + \uparrow M3_{-3}(\downarrow m6_{+3})$

$10306 = 2^1 \bullet 5153^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-3}(\downarrow m6_{+3})^1} = (1) + \uparrow M3_{-3}(\downarrow m6_{+3})$

$10307 = 11^1 \bullet 937^1 = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m7_{+46}(\downarrow M2_{-46})^1} = (1) + \uparrow M3_{-2}(\downarrow m6_{+2})$

$10308 = 2^2 \bullet 3^1 \bullet 859^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M6_{-4}(\downarrow m3_{+4})^1} = (1) + \uparrow M3_{-2}(\downarrow m6_{+2})$

$10309 = 13^2 \bullet 61^1 = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^2 + \uparrow M7_{+17}(\downarrow m2_{-17})^1} = (1) + \uparrow M3_{-2}(\downarrow m6_{+2})$

$10310 = 2^1 \bullet 5^1 \bullet 1031^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow uni_{+12}(\downarrow 8ve_{-12})^1} = (1) + \uparrow M3_{-2}(\downarrow m6_{+2})$

$10311 = 3^1 \bullet 7^1 \bullet 491^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M7_{+27}(\downarrow m2_{-27})^1} = (1) + \uparrow M3_{-2}(\downarrow m6_{+2})$

$10312 = 2^3 \bullet 1289^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow M3_{-2}(\downarrow m6_{+2})^1} = (1) + \uparrow M3_{-2}(\downarrow m6_{+2})$

$10313 = 10313^1 = \mathbf{(1) + \uparrow M3_{-1}(\downarrow m6_{+1})}$

$10314 = 2^1 \bullet 3^3 \bullet 191^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow P5_{-7}(\downarrow P4_{+7})^1} = (1) + \uparrow M3_{-1}(\downarrow m6_{+1})$

$10315 = 5^1 \bullet 2063^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow uni_{+13}(\downarrow 8ve_{-13})^1} = (1) + \uparrow M3_{-1}(\downarrow m6_{+1})$

$10316 = 2^2 \bullet 2579^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M3_{-1}(\downarrow m6_{+1})^1} = (1) + \uparrow M3_{-1}(\downarrow m6_{+1})$

$10317 = 3^1 \bullet 19^1 \bullet 181^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow tt_{+0}(\downarrow tt_{-0})^1} = (1) + \uparrow M3_{-1}(\downarrow m6_{+1})$

$10318 = 2^1 \bullet 7^1 \bullet 11^1 \bullet 67^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m2_{-21}(\downarrow M7_{+21})^1} = (1) + \uparrow M3_{-1}(\downarrow m6_{+1})$

$10319 = 17^1 \bullet 607^1 = \mathbf{(1) + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow m3_{-5}(\downarrow M6_{+5})^1} = (1) + \uparrow M3_{+0}(\downarrow m6_{-0})$

$10320 = 2^4 \bullet 3^1 \bullet 5^1 \bullet 43^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow P4_{+12}(\downarrow P5_{-12})^1} = (1) + \uparrow M3_{+0}(\downarrow m6_{-0})$

$10321 = 10321^1 = \mathbf{(1) + \uparrow M3_{+0}(\downarrow m6_{-0})}$

$10322 = 2^1 \bullet 13^1 \bullet 397^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow m6_{-40}(\downarrow M3_{+40})^1} = (1) + \uparrow M3_{+0}(\downarrow m6_{-0})$

$10323 = 3^2 \bullet 31^1 \bullet 37^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M7_{+45}(\downarrow m2_{-45})^1 + \uparrow m3_{-49}(\downarrow M6_{+49})^1} = (1) + \uparrow M3_{+0}(\downarrow m6_{-0})$

$10324 = 2^2 \bullet 29^1 \bullet 89^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m7_{+30}(\downarrow M2_{-30})^1 + \uparrow tt_{-29}(\downarrow tt_{+29})^1} = (1) + \uparrow M3_{+0}(\downarrow m6_{-0})$

$10325 = 5^2 \bullet 7^1 \bullet 59^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M7_{-41}(\downarrow m2_{+41})^1} = (1) + \uparrow M3_{+1}(\downarrow m6_{-1})$

$10326 = 2^1 \bullet 3^1 \bullet 1721^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M6_{-1}(\downarrow m3_{+1})^1} = (1) + \uparrow M3_{+1}(\downarrow m6_{-1})$

$10327 = 23^1 \bullet 449^1 = \mathbf{(1) + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow m7_{-27}(\downarrow M2_{+27})^1} = (1) + \uparrow M3_{+1}(\downarrow m6_{-1})$

$10328 = 2^3 \bullet 1291^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow M3_{+1}(\downarrow m6_{-1})^1} = (1) + \uparrow M3_{+1}(\downarrow m6_{-1})$

$10329 = 3^1 \bullet 11^1 \bullet 313^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m3_{+48}(\downarrow M6_{-48})^1} = (1) + \uparrow M3_{+1}(\downarrow m6_{-1})$

$10330 = 2^1 \bullet 5^1 \bullet 1033^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow uni_{+15}(\downarrow 8ve_{-15})^1} = (1) + \uparrow M3_{+1}(\downarrow m6_{-1})$

$10331 = 10331^1 = \mathbf{(1) + \uparrow M3_{+2}(\downarrow m6_{-2})}$

$10332 = 2^2 \bullet 3^2 \bullet 7^1 \bullet 41^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M3_{+29}(\downarrow m6_{-29})^1} = (1) + \uparrow M3_{+2}(\downarrow m6_{-2})$

$10333 = 10333^1 = \mathbf{(1) + \uparrow M3_{+2}(\downarrow m6_{-2})}$

$10334 = 2^1 \bullet 5167^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{+2}(\downarrow m6_{-2})^1} = (1) + \uparrow M3_{+2}(\downarrow m6_{-2})$

$10335 = 3^1 \bullet 5^1 \bullet 13^1 \bullet 53^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow M6_{-26}(\downarrow m3_{+26})^1} = (1) + \uparrow M3_{+2}(\downarrow m6_{-2})$

$10336 = 2^5 \bullet 17^1 \bullet 19^1 = \mathbf{(1) + \updownarrow 8ve(uni)^5 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1} = (1) + \uparrow M3_{+2}(\downarrow m6_{-2})$

$10337 = 10337^1 = \mathbf{(1) + \uparrow M3_{+3}(\downarrow m6_{-3})}$

$10338 = 2^1 \bullet 3^1 \bullet 1723^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M6_{+1}(\downarrow m3_{-1})^1} = (1) + \uparrow M3_{+3}(\downarrow m6_{-3})$

$10339 = 7^2 \bullet 211^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^2 + \uparrow M6_{-35}(\downarrow m3_{+35})^1} = (1) + \uparrow M3_{+3}(\downarrow m6_{-3})$

$10340 = 2^2 \bullet 5^1 \bullet 11^1 \bullet 47^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow P5_{-34}(\downarrow P4_{+34})^1} = (1) + \uparrow M3_{+3}(\downarrow m6_{-3})$

$10341 = 3^3 \bullet 383^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow P5_{-3}(\downarrow P4_{+3})^1} = (1) + \uparrow M3_{+3}(\downarrow m6_{-3})$

$10342 = 2^1 \bullet 5171^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{+3}(\downarrow m6_{-3})^1} = (1) + \uparrow M3_{+3}(\downarrow m6_{-3})$

$10343 = 10343^1 = \mathbf{(1) + \uparrow M3_{+4}(\downarrow m6_{-4})}$

$10344 = 2^3 \bullet 3^1 \bullet 431^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M6_{+2}(\downarrow m3_{-2})^1} = (1) + \uparrow M3_{+4}(\downarrow m6_{-4})$

$10345 = 5^1 \bullet 2069^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow uni_{+18}(\downarrow 8ve_{-18})^1} = (1) + \uparrow M3_{+4}(\downarrow m6_{-4})$

$10346 = 2^1 \bullet 7^1 \bullet 739^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow tt_{+35}(\downarrow tt_{-35})^1} = (1) + \uparrow M3_{+4}(\downarrow m6_{-4})$

$10347 = 3^1 \bullet 3449^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M6_{+2}(\downarrow m3_{-2})^1} = (1) + \uparrow M3_{+4}(\downarrow m6_{-4})$

$10348 = 2^2 \bullet 13^1 \bullet 199^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow m6_{-36}(\downarrow M3_{+36})^1} = (1) + \uparrow M3_{+4}(\downarrow m6_{-4})$

$10349 = 79^1 \bullet 131^1 = \mathbf{(1) + \uparrow M3_{-35}(\downarrow m6_{+35})^1 + \uparrow uni_{+40}(\downarrow 8ve_{-40})^1} = (1) + \uparrow M3_{+5}(\downarrow m6_{-5})$

$10350 = 2^1 \bullet 3^2 \bullet 5^2 \bullet 23^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow tt_{+28}(\downarrow tt_{-28})^1} = (1) + \uparrow M3_{+5}(\downarrow m6_{-5})$

$10351 = 11^1 \bullet 941^1 = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow M7_{-46}(\downarrow m2_{+46})^1} = (1) + \uparrow M3_{+5}(\downarrow m6_{-5})$

$10352 = 2^4 \bullet 647^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow M3_{+5}(\downarrow m6_{-5})^1} = (1) + \uparrow M3_{+5}(\downarrow m6_{-5})$

$10353 = 3^1 \bullet 7^1 \bullet 17^1 \bullet 29^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1} = (1) + \uparrow M3_{+5}(\downarrow m6_{-5})$

$10354 = 2^1 \bullet 31^1 \bullet 167^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M7_{+45}(\downarrow m2_{-45})^1 + \uparrow P4_{-40}(\downarrow P5_{+40})^1} = (1) + \uparrow M3_{+5}(\downarrow m6_{-5})$

$10355 = 5^1 \bullet 19^1 \bullet 109^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow M6_{+22}(\downarrow m3_{-22})^1} = (1) + \uparrow M3_{+6}(\downarrow m6_{-6})$

$10356 = 2^2 \bullet 3^1 \bullet 863^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M6_{+4}(\downarrow m3_{-4})^1} = (1) + \uparrow M3_{+6}(\downarrow m6_{-6})$

$10357 = 10357^1 = \mathbf{(1) + \uparrow M3_{+6}(\downarrow m6_{-6})}$

$10358 = 2^1 \bullet 5179^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{+6}(\downarrow m6_{-6})^1} = (1) + \uparrow M3_{+6}(\downarrow m6_{-6})$

$10359 = 3^2 \bullet 1151^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M2_{+2}(\downarrow m7_{-2})^1} = (1) + \uparrow M3_{+6}(\downarrow m6_{-6})$

$10360 = 2^3 \bullet 5^1 \bullet 7^1 \bullet 37^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m3_{-49}(\downarrow M6_{+49})^1} = (1) + \uparrow M3_{+6}(\downarrow m6_{-6})$

$10361 = 13^1 \bullet 797^1 = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow m6_{-34}(\downarrow M3_{+34})^1} = (1) + \uparrow M3_{+7}(\downarrow m6_{-7})$

$10362 = 2^1 \bullet 3^1 \bullet 11^1 \bullet 157^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow M3_{-46}(\downarrow m6_{+46})^1} = (1) + \uparrow M3_{+7}(\downarrow m6_{-7})$

$10363 = 43^1 \bullet 241^1 = \mathbf{(1) + \uparrow P4_{+12}(\downarrow P5_{-12})^1 + \uparrow M7_{-5}(\downarrow m2_{+5})^1} = (1) + \uparrow M3_{+7}(\downarrow m6_{-7})$

$10364 = 2^2 \bullet 2591^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M3_{+7}(\downarrow m6_{-7})^1} = (1) + \uparrow M3_{+7}(\downarrow m6_{-7})$

$10365 = 3^1 \bullet 5^1 \bullet 691^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow P4_{+19}(\downarrow P5_{-19})^1} = (1) + \uparrow M3_{+7}(\downarrow m6_{-7})$

$10366 = 2^1 \bullet 71^1 \bullet 73^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M2_{-20}(\downarrow m7_{+20})^1 + \uparrow M2_{+28}(\downarrow m7_{-28})^1} = (1) + \uparrow M3_{+7}(\downarrow m6_{-7})$

$10367 = 7^1 \bullet 1481^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow tt_{+39}(\downarrow tt_{-39})^1} = (1) + \uparrow M3_{+8}(\downarrow m6_{-8})$

$10368 = 2^7 \bullet 3^4 = \mathbf{(1) + \updownarrow 8ve(uni)^7 + \uparrow P5_{+2}(\downarrow P4_{-2})^4} = (1) + \uparrow M3_{+8}(\downarrow m6_{-8})$

$10369 = 10369^1 = \mathbf{(1) + \uparrow M3_{+8}(\downarrow m6_{-8})}$

$10370 = 2^1 \bullet 5^1 \bullet 17^1 \bullet 61^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow M7_{+17}(\downarrow m2_{-17})^1} = (1) + \uparrow M3_{+8}(\downarrow m6_{-8})$

$10371 = 3^1 \bullet 3457^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M6_{+6}(\downarrow m3_{-6})^1} = (1) + \uparrow M3_{+8}(\downarrow m6_{-8})$

$10372 = 2^2 \bullet 2593^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M3_{+8}(\downarrow m6_{-8})^1} = (1) + \uparrow M3_{+8}(\downarrow m6_{-8})$

$10373 = 11^1 \bullet 23^1 \bullet 41^1 = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow M3_{+29}(\downarrow m6_{-29})^1} = (1) + \uparrow M3_{+9}(\downarrow m6_{-9})$

$10374 = 2^1 \bullet 3^1 \bullet 7^1 \bullet 13^1 \bullet 19^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1} =$

$(1) + \uparrow M3_{+9}(\downarrow m6_{-9})$

$10375 = 5^3 \bullet 83^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^3 + \uparrow P4_{-50}(\downarrow P5_{+50})^1} = (1) + \uparrow M3_{+9}(\downarrow m6_{-9})$

$10376 = 2^{3}\bullet 1297^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow M3_{+9}(\downarrow m6_{-9})^{1}} = (1) + \uparrow M3_{+9}(\downarrow m6_{-9})$

$10377 = 3^{2}\bullet 1153^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M2_{+5}(\downarrow m7_{-5})^{1}} = (1) + \uparrow M3_{+9}(\downarrow m6_{-9})$

$10378 = 2^{1}\bullet 5189^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{+9}(\downarrow m6_{-9})^{1}} = (1) + \uparrow M3_{+9}(\downarrow m6_{-9})$

$10379 = 97^{1}\bullet 107^{1} = \mathbf{(1) + \uparrow P5_{+20}(\downarrow P4_{-20})^{1} + \uparrow M6_{-10}(\downarrow m3_{+10})^{1}} = (1) + \uparrow M3_{+10}(\downarrow m6_{-10})$

$10380 = 2^{2}\bullet 3^{1}\bullet 5^{1}\bullet 173^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow P4_{+22}(\downarrow P5_{-22})^{1}} = (1) + \uparrow M3_{+10}(\downarrow m6_{-10})$

$10381 = 7^{1}\bullet 1483^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow tt_{+41}(\downarrow tt_{-41})^{1}} = (1) + \uparrow M3_{+10}(\downarrow m6_{-10})$

$10382 = 2^{1}\bullet 29^{1}\bullet 179^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1} + \uparrow tt_{-19}(\downarrow tt_{+19})^{1}} = (1) + \uparrow M3_{+10}(\downarrow m6_{-10})$

$10383 = 3^{1}\bullet 3461^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M6_{+8}(\downarrow m3_{-8})^{1}} = (1) + \uparrow M3_{+10}(\downarrow m6_{-10})$

$10384 = 2^{4}\bullet 11^{1}\bullet 59^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow M7_{-41}(\downarrow m2_{+41})^{1}} = (1) + \uparrow M3_{+10}(\downarrow m6_{-10})$

$10385 = 5^{1}\bullet 31^{1}\bullet 67^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1} + \uparrow m2_{-21}(\downarrow M7_{+21})^{1}} = (1) + \uparrow M3_{+11}(\downarrow m6_{-11})$

$10386 = 2^{1}\bullet 3^{2}\bullet 577^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M2_{+7}(\downarrow m7_{-7})^{1}} = (1) + \uparrow M3_{+11}(\downarrow m6_{-11})$

$10387 = 13^{1}\bullet 17^{1}\bullet 47^{1} = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow P5_{-34}(\downarrow P4_{+34})^{1}} = (1) + \uparrow M3_{+11}(\downarrow m6_{-11})$

$10388 = 2^{2}\bullet 7^{2}\bullet 53^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{2} + \uparrow M6_{-26}(\downarrow m3_{+26})^{1}} = (1) + \uparrow M3_{+11}(\downarrow m6_{-11})$

$10389 = 3^{1}\bullet 3463^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M6_{+9}(\downarrow m3_{-9})^{1}} = (1) + \uparrow M3_{+11}(\downarrow m6_{-11})$

$10390 = 2^{1}\bullet 5^{1}\bullet 1039^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow uni_{+25}(\downarrow 8ve_{-25})^{1}} = (1) + \uparrow M3_{+11}(\downarrow m6_{-11})$

$10391 = 10391^{1} = \mathbf{(1) + \uparrow M3_{+12}(\downarrow m6_{-12})}$

$10392 = 2^{3}\bullet 3^{1}\bullet 433^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M6_{+10}(\downarrow m3_{-10})^{1}} = (1) + \uparrow M3_{+12}(\downarrow m6_{-12})$

$10393 = 19^{1}\bullet 547^{1} = \mathbf{(1) + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow m2_{+14}(\downarrow M7_{-14})^{1}} = (1) + \uparrow M3_{+12}(\downarrow m6_{-12})$

$10394 = 2^{1}\bullet 5197^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{+12}(\downarrow m6_{-12})^{1}} = (1) + \uparrow M3_{+12}(\downarrow m6_{-12})$

$10395 = 3^{3}\bullet 5^{1}\bullet 7^{1}\bullet 11^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1}} = (1) + \uparrow M3_{+12}(\downarrow m6_{-12})$

$10396 = 2^{2}\bullet 23^{1}\bullet 113^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow m7_{-16}(\downarrow M2_{+16})^{1}} = (1) + \uparrow M3_{+12}(\downarrow m6_{-12})$

$10397 = 37^{1}\bullet 281^{1} = \mathbf{(1) + \uparrow m3_{-49}(\downarrow M6_{+49})^{1} + \uparrow M2_{-39}(\downarrow m7_{+39})^{1}} = (1) + \uparrow M3_{+13}(\downarrow m6_{-13})$

$10398 = 2^{1}\bullet 3^{1}\bullet 1733^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M6_{+11}(\downarrow m3_{-11})^{1}} = (1) + \uparrow M3_{+13}(\downarrow m6_{-13})$

$10399 = 10399^{1} = \mathbf{(1) + \uparrow M3_{+13}(\downarrow m6_{-13})}$

$10400 = 2^{5}\bullet 5^{2}\bullet 13^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{5} + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1}} = (1) + \uparrow M3_{+13}(\downarrow m6_{-13})$

$10401 = 3^{1}\bullet 3467^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M6_{+11}(\downarrow m3_{-11})^{1}} = (1) + \uparrow M3_{+13}(\downarrow m6_{-13})$

$10402 = 2^{1}\bullet 7^{1}\bullet 743^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow tt_{+45}(\downarrow tt_{-45})^{1}} = (1) + \uparrow M3_{+13}(\downarrow m6_{-13})$

$10403 = 101^{1}\bullet 103^{1} = \mathbf{(1) + \uparrow m6_{-10}(\downarrow M3_{+10})^{1} + \uparrow m6_{+24}(\downarrow M3_{-24})^{1}} = (1) + \uparrow M3_{+14}(\downarrow m6_{-14})$

$10404 = 2^{2}\bullet 3^{2}\bullet 17^{2} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m2_{+5}(\downarrow M7_{-5})^{2}} = (1) + \uparrow M3_{+14}(\downarrow m6_{-14})$

$10405 = 5^{1}\bullet 2081^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow uni_{+28}(\downarrow 8ve_{-28})^{1}} = (1) + \uparrow M3_{+14}(\downarrow m6_{-14})$

$10406 = 2^{1}\bullet 11^{2}\bullet 43^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{2} + \uparrow P4_{+12}(\downarrow P5_{-12})^{1}} = (1) + \uparrow M3_{+14}(\downarrow m6_{-14})$

$10407 = 3^{1}\bullet 3469^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M6_{+12}(\downarrow m3_{-12})^{1}} = (1) + \uparrow M3_{+14}(\downarrow m6_{-14})$

$10408 = 2^{3}\bullet 1301^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow M3_{+14}(\downarrow m6_{-14})^{1}} = (1) + \uparrow M3_{+14}(\downarrow m6_{-14})$

$10409 = 7^{1}\bullet 1487^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow tt_{+46}(\downarrow tt_{-46})^{1}} = (1) + \uparrow M3_{+15}(\downarrow m6_{-15})$

$10410 = 2^{1}\bullet 3^{1}\bullet 5^{1}\bullet 347^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow P4_{+27}(\downarrow P5_{-27})^{1}} = (1) + \uparrow M3_{+15}(\downarrow m6_{-15})$

$10411 = 29^{1}\bullet 359^{1} = \mathbf{(1) + \uparrow m7_{+30}(\downarrow M2_{-30})^{1} + \uparrow tt_{-15}(\downarrow tt_{+15})^{1}} = (1) + \uparrow M3_{+15}(\downarrow m6_{-15})$

$10412 = 2^{2}\bullet 19^{1}\bullet 137^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow m2_{+18}(\downarrow M7_{-18})^{1}} = (1) + \uparrow M3_{+15}(\downarrow m6_{-15})$

$10413 = 3^{2}\bullet 13^{1}\bullet 89^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow tt_{-29}(\downarrow tt_{+29})^{1}} = (1) + \uparrow M3_{+15}(\downarrow m6_{-15})$

$10414 = 2^{1}\bullet 41^{1}\bullet 127^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{+29}(\downarrow m6_{-29})^{1} + \uparrow 8ve_{-14}(\downarrow uni_{+14})^{1}} = (1) + \uparrow M3_{+15}(\downarrow m6_{-15})$

$10415 = 5^{1}\bullet 2083^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow uni_{+29}(\downarrow 8ve_{-29})^{1}} = (1) + \uparrow M3_{+16}(\downarrow m6_{-16})$

$10416 = 2^{4}\bullet 3^{1}\bullet 7^{1}\bullet 31^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1}} = (1) + \uparrow M3_{+16}(\downarrow m6_{-16})$

$10417 = 11^{1}\bullet 947^{1} = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow M7_{-35}(\downarrow m2_{+35})^{1}} = (1) + \uparrow M3_{+16}(\downarrow m6_{-16})$

$10418 = 2^{1}\bullet 5209^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{+16}(\downarrow m6_{-16})^{1}} = (1) + \uparrow M3_{+16}(\downarrow m6_{-16})$

$10419 = 3^{1}\bullet 23^{1}\bullet 151^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow m3_{-14}(\downarrow M6_{+14})^{1}} = (1) + \uparrow M3_{+16}(\downarrow m6_{-16})$

$10420 = 2^{2}\bullet 5^{1}\bullet 521^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow uni_{+30}(\downarrow 8ve_{-30})^{1}} = (1) + \uparrow M3_{+16}(\downarrow m6_{-16})$

$10421 = 17^{1}\bullet 613^{1} = \mathbf{(1) + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow m3_{+12}(\downarrow M6_{-12})^{1}} = (1) + \uparrow M3_{+17}(\downarrow m6_{-17})$

$10422 = 2^{1}\bullet 3^{3}\bullet 193^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow P5_{+11}(\downarrow P4_{-11})^{1}} = (1) + \uparrow M3_{+17}(\downarrow m6_{-17})$

$10423 = 7^{1}\bullet 1489^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow tt_{+48}(\downarrow tt_{-48})^{1}} = (1) + \uparrow M3_{+17}(\downarrow m6_{-17})$

$10424 = 2^{3}\bullet 1303^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow M3_{+17}(\downarrow m6_{-17})^{1}} = (1) + \uparrow M3_{+17}(\downarrow m6_{-17})$

$10425 = 3^{1}\bullet 5^{2}\bullet 139^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow m2_{+43}(\downarrow M7_{-43})^{1}} = (1) + \uparrow M3_{+17}(\downarrow m6_{-17})$

$10426 = 2^{1}\bullet 13^{1}\bullet 401^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m6_{-23}(\downarrow M3_{+23})^{1}} = (1) + \uparrow M3_{+17}(\downarrow m6_{-17})$

$10427 = 10427^{1} = \mathbf{(1) + \uparrow M3_{+18}(\downarrow m6_{-18})}$

$10428 = 2^{2}\bullet 3^{1}\bullet 11^{1}\bullet 79^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow M3_{-35}(\downarrow m6_{+35})^{1}} = (1) + \uparrow M3_{+18}(\downarrow m6_{-18})$

$10429 = 10429^{1} = \mathbf{(1) + \uparrow M3_{+18}(\downarrow m6_{-18})}$

$10430 = 2^{1}\bullet 5^{1}\bullet 7^{1}\bullet 149^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m3_{-37}(\downarrow M6_{+37})^{1}} = (1) + \uparrow M3_{+18}(\downarrow m6_{-18})$

$10431 = 3^{2}\bullet 19^{1}\bullet 61^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow M7_{+17}(\downarrow m2_{-17})^{1}} = (1) + \uparrow M3_{+18}(\downarrow m6_{-18})$

$10432 = 2^{6}\bullet 163^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{6} + \uparrow M3_{+18}(\downarrow m6_{-18})^{1}} = (1) + \uparrow M3_{+18}(\downarrow m6_{-18})$

$10433 = 10433^{1} = \mathbf{(1) + \uparrow M3_{+19}(\downarrow m6_{-19})}$

$10434 = 2^{1}\bullet 3^{1}\bullet 37^{1}\bullet 47^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m3_{-49}(\downarrow M6_{+49})^{1} + \uparrow P5_{-34}(\downarrow P4_{+34})^{1}} = (1) + \uparrow M3_{+19}(\downarrow m6_{-19})$

$10435 = 5^{1}\bullet 2087^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow uni_{+33}(\downarrow 8ve_{-33})^{1}} = (1) + \uparrow M3_{+19}(\downarrow m6_{-19})$

$10436 = 2^{2}\bullet 2609^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M3_{+19}(\downarrow m6_{-19})^{1}} = (1) + \uparrow M3_{+19}(\downarrow m6_{-19})$

$10437 = 3^{1}\bullet 7^{2}\bullet 71^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{2} + \uparrow M2_{-20}(\downarrow m7_{+20})^{1}} = (1) + \uparrow M3_{+19}(\downarrow m6_{-19})$

$10438 = 2^{1}\bullet 17^{1}\bullet 307^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow m3_{+15}(\downarrow M6_{-15})^{1}} = (1) + \uparrow M3_{+19}(\downarrow m6_{-19})$

$10439 = 11^{1}\bullet 13^{1}\bullet 73^{1} = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow M2_{+28}(\downarrow m7_{-28})^{1}} = (1) + \uparrow M3_{+20}(\downarrow m6_{-20})$

$10440 = 2^{3}\bullet 3^{2}\bullet 5^{1}\bullet 29^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1}} = (1) + \uparrow M3_{+20}(\downarrow m6_{-20})$

$10441 = 53^{1}\bullet 197^{1} = \mathbf{(1) + \uparrow M6_{-26}(\downarrow m3_{+26})^{1} + \uparrow P5_{+46}(\downarrow P4_{-46})^{1}} = (1) + \uparrow M3_{+20}(\downarrow m6_{-20})$

$10442 = 2^{1}\bullet 23^{1}\bullet 227^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow m7_{-8}(\downarrow M2_{+8})^{1}} = (1) + \uparrow M3_{+20}(\downarrow m6_{-20})$

$10443 = 3^{1}\bullet 59^{2} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M7_{-41}(\downarrow m2_{+41})^{2}} = (1) + \uparrow M3_{+20}(\downarrow m6_{-20})$

$10444 = 2^{2}\bullet 7^{1}\bullet 373^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow P5_{-48}(\downarrow P4_{+48})^{1}} = (1) + \uparrow M3_{+20}(\downarrow m6_{-20})$

$10445 = 5^{1}\bullet 2089^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow uni_{+34}(\downarrow 8ve_{-34})^{1}} = (1) + \uparrow M3_{+21}(\downarrow m6_{-21})$

$10446 = 2^{1}\bullet 3^{1}\bullet 1741^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M6_{+19}(\downarrow m3_{-19})^{1}} = (1) + \uparrow M3_{+21}(\downarrow m6_{-21})$

$10447 = 31^{1}\bullet 337^{1} = \mathbf{(1) + \uparrow M7_{+45}(\downarrow m2_{-45})^{1} + \uparrow P4_{-24}(\downarrow P5_{+24})^{1}} = (1) + \uparrow M3_{+21}(\downarrow m6_{-21})$

$10448 = 2^{4}\bullet 653^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow M3_{+21}(\downarrow m6_{-21})^{1}} = (1) + \uparrow M3_{+21}(\downarrow m6_{-21})$

$10449 = 3^{5}\bullet 43^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{5} + \uparrow P4_{+12}(\downarrow P5_{-12})^{1}} = (1) + \uparrow M3_{+21}(\downarrow m6_{-21})$

$10450 = 2^{1}\bullet 5^{2}\bullet 11^{1}\bullet 19^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1}} = (1) + \uparrow M3_{+21}(\downarrow m6_{-21})$

$10451 = 7^{1}\bullet 1493^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow P5_{-47}(\downarrow P4_{+47})^{1}} = (1) + \uparrow M3_{+22}(\downarrow m6_{-22})$

$10452 = 2^{2}\bullet 3^{1}\bullet 13^{1}\bullet 67^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m2_{-21}(\downarrow M7_{+21})^{1}} = (1) + \uparrow M3_{+22}(\downarrow m6_{-22})$

$10453 = 10453^{1} = \mathbf{(1) + \uparrow M3_{+22}(\downarrow m6_{-22})}$

$10454 = 2^{1}\bullet 5227^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{+22}(\downarrow m6_{-22})^{1}} = (1) + \uparrow M3_{+22}(\downarrow m6_{-22})$

$10455 = 3^{1}\bullet 5^{1}\bullet 17^{1}\bullet 41^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow M3_{+29}(\downarrow m6_{-29})^{1}} = (1) + \uparrow M3_{+22}(\downarrow m6_{-22})$

$10456 = 2^{3}\bullet 1307^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow M3_{+22}(\downarrow m6_{-22})^{1}} = (1) + \uparrow M3_{+22}(\downarrow m6_{-22})$

$10457 = 10457^{1} = \mathbf{(1) + \uparrow M3_{+23}(\downarrow m6_{-23})}$

$10458 = 2^{1}\bullet 3^{2}\bullet 7^{1}\bullet 83^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow P4_{-50}(\downarrow P5_{+50})^{1}} = (1) + \uparrow M3_{+23}(\downarrow m6_{-23})$

$10459 = 10459^{1} = \mathbf{(1) + \uparrow M3_{+23}(\downarrow m6_{-23})}$

$10460 = 2^2 \bullet 5^1 \bullet 523^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow uni_{+37}(\downarrow 8ve_{-37})^1} = (1) + \uparrow M3_{+23}(\downarrow m6_{-23})$

$10461 = 3^1 \bullet 11^1 \bullet 317^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow M3_{-30}(\downarrow m6_{+30})^1} = (1) + \uparrow M3_{+23}(\downarrow m6_{-23})$

$10462 = 2^1 \bullet 5231^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{+23}(\downarrow m6_{-23})^1} = (1) + \uparrow M3_{+23}(\downarrow m6_{-23})$

$10463 = 10463^1 = \mathbf{(1) + \uparrow M3_{+24}(\downarrow m6_{-24})}$

$10464 = 2^5 \bullet 3^1 \bullet 109^1 = \mathbf{(1) + \updownarrow 8ve(uni)^5 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M6_{+22}(\downarrow m3_{-22})^1} = (1) + \uparrow M3_{+24}(\downarrow m6_{-24})$

$10465 = 5^1 \bullet 7^1 \bullet 13^1 \bullet 23^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1} =$
$(1) + \uparrow M3_{+24}(\downarrow m6_{-24})$

$10466 = 2^1 \bullet 5233^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{+24}(\downarrow m6_{-24})^1} = (1) + \uparrow M3_{+24}(\downarrow m6_{-24})$

$10467 = 3^2 \bullet 1163^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M2_{+20}(\downarrow m7_{-20})^1} = (1) + \uparrow M3_{+24}(\downarrow m6_{-24})$

$10468 = 2^2 \bullet 2617^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M3_{+24}(\downarrow m6_{-24})^1} = (1) + \uparrow M3_{+24}(\downarrow m6_{-24})$

$10469 = 19^2 \bullet 29^1 = \mathbf{(1) + \uparrow m3_{-2}(\downarrow M6_{+2})^2 + \uparrow m7_{+30}(\downarrow M2_{-30})^1} = (1) + \uparrow M3_{+25}(\downarrow m6_{-25})$

$10470 = 2^1 \bullet 3^1 \bullet 5^1 \bullet 349^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow P4_{+36}(\downarrow P5_{-36})^1} = (1) + \uparrow M3_{+25}(\downarrow m6_{-25})$

$10471 = 37^1 \bullet 283^1 = \mathbf{(1) + \uparrow m3_{-49}(\downarrow M6_{+49})^1 + \uparrow M2_{-26}(\downarrow m7_{+26})^1} = (1) + \uparrow M3_{+25}(\downarrow m6_{-25})$

$10472 = 2^3 \bullet 7^1 \bullet 11^1 \bullet 17^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1} = (1) + \uparrow M3_{+25}(\downarrow m6_{-25})$

$10473 = 3^1 \bullet 3491^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M6_{+23}(\downarrow m3_{-23})^1} = (1) + \uparrow M3_{+25}(\downarrow m6_{-25})$

$10474 = 2^1 \bullet 5237^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{+25}(\downarrow m6_{-25})^1} = (1) + \uparrow M3_{+25}(\downarrow m6_{-25})$

$10475 = 5^2 \bullet 419^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow M6_{-47}(\downarrow m3_{+47})^1} = (1) + \uparrow M3_{+26}(\downarrow m6_{-26})$

$10476 = 2^2 \bullet 3^3 \bullet 97^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow P5_{+20}(\downarrow P4_{-20})^1} = (1) + \uparrow M3_{+26}(\downarrow m6_{-26})$

$10477 = 10477^1 = \mathbf{(1) + \uparrow M3_{+26}(\downarrow m6_{-26})}$

$10478 = 2^1 \bullet 13^2 \bullet 31^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^2 + \uparrow M7_{+45}(\downarrow m2_{-45})^1} = (1) + \uparrow M3_{+26}(\downarrow m6_{-26})$

$10479 = 3^1 \bullet 7^1 \bullet 499^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow 8ve_{-45}(\downarrow uni_{+45})^1} = (1) + \uparrow M3_{+26}(\downarrow m6_{-26})$

$10480 = 2^4 \bullet 5^1 \bullet 131^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow uni_{+40}(\downarrow 8ve_{-40})^1} = (1) + \uparrow M3_{+26}(\downarrow m6_{-26})$

$10481 = 47^1 \bullet 223^1 = \mathbf{(1) + \uparrow P5_{-34}(\downarrow P4_{+34})^1 + \uparrow m7_{-39}(\downarrow M2_{+39})^1} = (1) + \uparrow M3_{+27}(\downarrow m6_{-27})$

$10482 = 2^1 \bullet 3^1 \bullet 1747^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M6_{+25}(\downarrow m3_{-25})^1} = (1) + \uparrow M3_{+27}(\downarrow m6_{-27})$

$10483 = 11^1 \bullet 953^1 = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow M7_{-24}(\downarrow m2_{+24})^1} = (1) + \uparrow M3_{+27}(\downarrow m6_{-27})$

$10484 = 2^2 \bullet 2621^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M3_{+27}(\downarrow m6_{-27})^1} = (1) + \uparrow M3_{+27}(\downarrow m6_{-27})$

$10485 = 3^2 \bullet 5^1 \bullet 233^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{+37}(\downarrow M2_{-37})^1} = (1) + \uparrow M3_{+27}(\downarrow m6_{-27})$

$10486 = 2^1 \bullet 7^2 \bullet 107^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^2 + \uparrow M6_{-10}(\downarrow m3_{+10})^1} = (1) + \uparrow M3_{+27}(\downarrow m6_{-27})$

$10487 = 10487^1 = \mathbf{(1) + \uparrow M3_{+28}(\downarrow m6_{-28})}$

$10488 = 2^3 \bullet 3^1 \bullet 19^1 \bullet 23^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1} = (1) + \uparrow M3_{+28}(\downarrow m6_{-28})$

$10489 = 17^1 \bullet 617^1 = \mathbf{(1) + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow m3_{+23}(\downarrow M6_{-23})^1} = (1) + \uparrow M3_{+28}(\downarrow m6_{-28})$

$10490 = 2^1 \bullet 5^1 \bullet 1049^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow uni_{+42}(\downarrow 8ve_{-42})^1} = (1) + \uparrow M3_{+28}(\downarrow m6_{-28})$

$10491 = 3^1 \bullet 13^1 \bullet 269^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow m2_{-14}(\downarrow M7_{+14})^1} = (1) + \uparrow M3_{+28}(\downarrow m6_{-28})$

$10492 = 2^2 \bullet 43^1 \bullet 61^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P4_{+12}(\downarrow P5_{-12})^1 + \uparrow M7_{+17}(\downarrow m2_{-17})^1} = (1) + \uparrow M3_{+28}(\downarrow m6_{-28})$

$10493 = 7^1 \bullet 1499^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow P5_{-40}(\downarrow P4_{+40})^1} = (1) + \uparrow M3_{+29}(\downarrow m6_{-29})$

$10494 = 2^1 \bullet 3^2 \bullet 11^1 \bullet 53^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow M6_{-26}(\downarrow m3_{+26})^1} = (1) + \uparrow M3_{+29}(\downarrow m6_{-29})$

$10495 = 5^1 \bullet 2099^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow uni_{+43}(\downarrow 8ve_{-43})^1} = (1) + \uparrow M3_{+29}(\downarrow m6_{-29})$

$10496 = 2^8 \bullet 41^1 = \mathbf{(1) + \updownarrow 8ve(uni)^8 + \uparrow M3_{+29}(\downarrow m6_{-29})^1} = (1) + \uparrow M3_{+29}(\downarrow m6_{-29})$

$10497 = 3^1 \bullet 3499^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M6_{+27}(\downarrow m3_{-27})^1} = (1) + \uparrow M3_{+29}(\downarrow m6_{-29})$

$10498 = 2^1 \bullet 29^1 \bullet 181^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1 + \uparrow tt_{+0}(\downarrow tt_{-0})^1} = (1) + \uparrow M3_{+29}(\downarrow m6_{-29})$

$10499 = 10499^1 = \mathbf{(1) + \uparrow M3_{+30}(\downarrow m6_{-30})}$

$10500 = 2^2 \bullet 3^1 \bullet 5^3 \bullet 7^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^3 + \uparrow m7_{-31}(\downarrow M2_{+31})^1} = (1) + \uparrow M3_{+30}(\downarrow m6_{-30})$

$10501 = 10501^{1} = \mathbf{(1) + \uparrow M3_{+30}(\downarrow m6_{-30})}$

$10502 = 2^{1}\bullet 59^{1}\bullet 89^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M7_{-41}(\downarrow m2_{+41})^{1} + \uparrow tt_{-29}(\downarrow tt_{+29})^{1}} = (1) + \uparrow M3_{+30}(\downarrow m6_{-30})$

$10503 = 3^{3}\bullet 389^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow P5_{+24}(\downarrow P4_{-24})^{1}} = (1) + \uparrow M3_{+30}(\downarrow m6_{-30})$

$10504 = 2^{3}\bullet 13^{1}\bullet 101^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m6_{-10}(\downarrow M3_{+10})^{1}} = (1) + \uparrow M3_{+30}(\downarrow m6_{-30})$

$10505 = 5^{1}\bullet 11^{1}\bullet 191^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow P5_{-7}(\downarrow P4_{+7})^{1}} = (1) + \uparrow M3_{+31}(\downarrow m6_{-31})$

$10506 = 2^{1}\bullet 3^{1}\bullet 17^{1}\bullet 103^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow m6_{+24}(\downarrow M3_{-24})^{1}} = (1) + \uparrow M3_{+31}(\downarrow m6_{-31})$

$10507 = 7^{1}\bullet 19^{1}\bullet 79^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow M3_{-35}(\downarrow m6_{+35})^{1}} = (1) + \uparrow M3_{+31}(\downarrow m6_{-31})$

$10508 = 2^{2}\bullet 37^{1}\bullet 71^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m3_{-49}(\downarrow M6_{+49})^{1} + \uparrow M2_{-20}(\downarrow m7_{+20})^{1}} = (1) + \uparrow M3_{+31}(\downarrow m6_{-31})$

$10509 = 3^{1}\bullet 31^{1}\bullet 113^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1} + \uparrow m7_{-16}(\downarrow M2_{+16})^{1}} = (1) + \uparrow M3_{+31}(\downarrow m6_{-31})$

$10510 = 2^{1}\bullet 5^{1}\bullet 1051^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow uni_{+45}(\downarrow 8ve_{-45})^{1}} = (1) + \uparrow M3_{+31}(\downarrow m6_{-31})$

$10511 = 23^{1}\bullet 457^{1} = \mathbf{(1) + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow m7_{+3}(\downarrow M2_{-3})^{1}} = (1) + \uparrow M3_{+32}(\downarrow m6_{-32})$

$10512 = 2^{4}\bullet 3^{2}\bullet 73^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M2_{+28}(\downarrow m7_{-28})^{1}} = (1) + \uparrow M3_{+32}(\downarrow m6_{-32})$

$10513 = 10513^{1} = \mathbf{(1) + \uparrow M3_{+32}(\downarrow m6_{-32})}$

$10514 = 2^{1}\bullet 7^{1}\bullet 751^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow P5_{-37}(\downarrow P4_{+37})^{1}} = (1) + \uparrow M3_{+32}(\downarrow m6_{-32})$

$10515 = 3^{1}\bullet 5^{1}\bullet 701^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow P4_{+44}(\downarrow P5_{-44})^{1}} = (1) + \uparrow M3_{+32}(\downarrow m6_{-32})$

$10516 = 2^{2}\bullet 11^{1}\bullet 239^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow M7_{-19}(\downarrow m2_{+19})^{1}} = (1) + \uparrow M3_{+32}(\downarrow m6_{-32})$

$10517 = 13^{1}\bullet 809^{1} = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m6_{-8}(\downarrow M3_{+8})^{1}} = (1) + \uparrow M3_{+33}(\downarrow m6_{-33})$

$10518 = 2^{1}\bullet 3^{1}\bullet 1753^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M6_{+31}(\downarrow m3_{-31})^{1}} = (1) + \uparrow M3_{+33}(\downarrow m6_{-33})$

$10519 = 67^{1}\bullet 157^{1} = \mathbf{(1) + \uparrow m2_{-21}(\downarrow M7_{+21})^{1} + \uparrow M3_{-46}(\downarrow m6_{+46})^{1}} = (1) + \uparrow M3_{+33}(\downarrow m6_{-33})$

$10520 = 2^{3}\bullet 5^{1}\bullet 263^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow uni_{+47}(\downarrow 8ve_{-47})^{1}} = (1) + \uparrow M3_{+33}(\downarrow m6_{-33})$

$10521 = 3^{2}\bullet 7^{1}\bullet 167^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow P4_{-40}(\downarrow P5_{+40})^{1}} = (1) + \uparrow M3_{+33}(\downarrow m6_{-33})$

$10522 = 2^{1}\bullet 5261^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{+33}(\downarrow m6_{-33})^{1}} = (1) + \uparrow M3_{+33}(\downarrow m6_{-33})$

$10523 = 17^{1}\bullet 619^{1} = \mathbf{(1) + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow m3_{+29}(\downarrow M6_{-29})^{1}} = (1) + \uparrow M3_{+34}(\downarrow m6_{-34})$

$10524 = 2^{2}\bullet 3^{1}\bullet 877^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M6_{+32}(\downarrow m3_{-32})^{1}} = (1) + \uparrow M3_{+34}(\downarrow m6_{-34})$

$10525 = 5^{2}\bullet 421^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow M6_{-39}(\downarrow m3_{+39})^{1}} = (1) + \uparrow M3_{+34}(\downarrow m6_{-34})$

$10526 = 2^{1}\bullet 19^{1}\bullet 277^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow m2_{+36}(\downarrow M7_{-36})^{1}} = (1) + \uparrow M3_{+34}(\downarrow m6_{-34})$

$10527 = 3^{1}\bullet 11^{2}\bullet 29^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{2} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1}} = (1) + \uparrow M3_{+34}(\downarrow m6_{-34})$

$10528 = 2^{5}\bullet 7^{1}\bullet 47^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{5} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow P5_{-34}(\downarrow P4_{+34})^{1}} = (1) + \uparrow M3_{+34}(\downarrow m6_{-34})$

$10529 = 10529^{1} = \mathbf{(1) + \uparrow M3_{+34}(\downarrow m6_{-34})}$

$10530 = 2^{1}\bullet 3^{4}\bullet 5^{1}\bullet 13^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{4} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1}} = (1) + \uparrow M3_{+35}(\downarrow m6_{-35})$

$10531 = 10531^{1} = \mathbf{(1) + \uparrow M3_{+35}(\downarrow m6_{-35})}$

$10532 = 2^{2}\bullet 2633^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M3_{+35}(\downarrow m6_{-35})^{1}} = (1) + \uparrow M3_{+35}(\downarrow m6_{-35})$

$10533 = 3^{1}\bullet 3511^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M6_{+33}(\downarrow m3_{-33})^{1}} = (1) + \uparrow M3_{+35}(\downarrow m6_{-35})$

$10534 = 2^{1}\bullet 23^{1}\bullet 229^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow m7_{+7}(\downarrow M2_{-7})^{1}} = (1) + \uparrow M3_{+35}(\downarrow m6_{-35})$

$10535 = 5^{1}\bullet 7^{2}\bullet 43^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{2} + \uparrow P4_{+12}(\downarrow P5_{-12})^{1}} = (1) + \uparrow M3_{+35}(\downarrow m6_{-35})$

$10536 = 2^{3}\bullet 3^{1}\bullet 439^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M6_{+34}(\downarrow m3_{-34})^{1}} = (1) + \uparrow M3_{+36}(\downarrow m6_{-36})$

$10537 = 41^{1}\bullet 257^{1} = \mathbf{(1) + \uparrow M3_{+29}(\downarrow m6_{-29})^{1} + \uparrow uni_{+7}(\downarrow 8ve_{-7})^{1}} = (1) + \uparrow M3_{+36}(\downarrow m6_{-36})$

$10538 = 2^{1}\bullet 11^{1}\bullet 479^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow M7_{-15}(\downarrow m2_{+15})^{1}} = (1) + \uparrow M3_{+36}(\downarrow m6_{-36})$

$10539 = 3^{2}\bullet 1171^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M2_{+32}(\downarrow m7_{-32})^{1}} = (1) + \uparrow M3_{+36}(\downarrow m6_{-36})$

$10540 = 2^{2}\bullet 5^{1}\bullet 17^{1}\bullet 31^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1}} = (1) + \uparrow M3_{+36}(\downarrow m6_{-36})$

$10541 = 83^{1}\bullet 127^{1} = \mathbf{(1) + \uparrow P4_{-50}(\downarrow P5_{+50})^{1} + \uparrow 8ve_{-14}(\downarrow uni_{+14})^{1}} = (1) + \uparrow M3_{+36}(\downarrow m6_{-36})$

$10542 = 2^{1}\bullet 3^{1}\bullet 7^{1}\bullet 251^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow 8ve_{-34}(\downarrow uni_{+34})^{1}} = (1) + \uparrow M3_{+37}(\downarrow m6_{-37})$

$10543 = 13^{1}\bullet 811^{1} = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m6_{-4}(\downarrow M3_{+4})^{1}} = (1) + \uparrow M3_{+37}(\downarrow m6_{-37})$

$10544 = 2^{4}\bullet 659^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow M3_{+37}(\downarrow m6_{-37})^{1}} = (1) + \uparrow M3_{+37}(\downarrow m6_{-37})$

$10545 = 3^{1}\bullet 5^{1}\bullet 19^{1}\bullet 37^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow m3_{-49}(\downarrow M6_{+49})^{1}} = (1) + \uparrow M3_{+37}(\downarrow m6_{-37})$

$10546 = 2^{1}\bullet 5273^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{+37}(\downarrow m6_{-37})^{1}} = (1) + \uparrow M3_{+37}(\downarrow m6_{-37})$

$10547 = 53^{1}\bullet 199^{1} = \mathbf{(1) + \uparrow M6_{-26}(\downarrow m3_{+26})^{1} + \uparrow m6_{-36}(\downarrow M3_{+36})^{1}} = (1) + \uparrow M3_{+37}(\downarrow m6_{-37})$

$10548 = 2^{2}\bullet 3^{2}\bullet 293^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M2_{+34}(\downarrow m7_{-34})^{1}} = (1) + \uparrow M3_{+38}(\downarrow m6_{-38})$

$10549 = 7^{1}\bullet 11^{1}\bullet 137^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m2_{+18}(\downarrow M7_{-18})^{1}} = (1) + \uparrow M3_{+38}(\downarrow m6_{-38})$

$10550 = 2^{1}\bullet 5^{2}\bullet 211^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow M6_{-35}(\downarrow m3_{+35})^{1}} = (1) + \uparrow M3_{+38}(\downarrow m6_{-38})$

$10551 = 3^{1}\bullet 3517^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M6_{+36}(\downarrow m3_{-36})^{1}} = (1) + \uparrow M3_{+38}(\downarrow m6_{-38})$

$10552 = 2^{3}\bullet 1319^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow M3_{+38}(\downarrow m6_{-38})^{1}} = (1) + \uparrow M3_{+38}(\downarrow m6_{-38})$

$10553 = 61^{1}\bullet 173^{1} = \mathbf{(1) + \uparrow M7_{+17}(\downarrow m2_{-17})^{1} + \uparrow P4_{+22}(\downarrow P5_{-22})^{1}} = (1) + \uparrow M3_{+38}(\downarrow m6_{-38})$

$10554 = 2^{1}\bullet 3^{1}\bullet 1759^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M6_{+37}(\downarrow m3_{-37})^{1}} = (1) + \uparrow M3_{+39}(\downarrow m6_{-39})$

$10555 = 5^{1}\bullet 2111^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m2_{-48}(\downarrow M7_{+48})^{1}} = (1) + \uparrow M3_{+39}(\downarrow m6_{-39})$

$10556 = 2^{2}\bullet 7^{1}\bullet 13^{1}\bullet 29^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1}} = (1) + \uparrow M3_{+39}(\downarrow m6_{-39})$

$10557 = 3^{3}\bullet 17^{1}\bullet 23^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1}} = (1) + \uparrow M3_{+39}(\downarrow m6_{-39})$

$10558 = 2^{1}\bullet 5279^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{+39}(\downarrow m6_{-39})^{1}} = (1) + \uparrow M3_{+39}(\downarrow m6_{-39})$

$10559 = 10559^{1} = \mathbf{(1) + \uparrow M3_{+39}(\downarrow m6_{-39})}$

$10560 = 2^{6}\bullet 3^{1}\bullet 5^{1}\bullet 11^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{6} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1}} = (1) + \uparrow M3_{+40}(\downarrow m6_{-40})$

$10561 = 59^{1}\bullet 179^{1} = \mathbf{(1) + \uparrow M7_{-41}(\downarrow m2_{+41})^{1} + \uparrow tt_{-19}(\downarrow tt_{+19})^{1}} = (1) + \uparrow M3_{+40}(\downarrow m6_{-40})$

$10562 = 2^{1}\bullet 5281^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{+40}(\downarrow m6_{-40})^{1}} = (1) + \uparrow M3_{+40}(\downarrow m6_{-40})$

$10563 = 3^{1}\bullet 7^{1}\bullet 503^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow 8ve_{-31}(\downarrow uni_{+31})^{1}} = (1) + \uparrow M3_{+40}(\downarrow m6_{-40})$

$10564 = 2^{2}\bullet 19^{1}\bullet 139^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow m2_{+43}(\downarrow M7_{-43})^{1}} = (1) + \uparrow M3_{+40}(\downarrow m6_{-40})$

$10565 = 5^{1}\bullet 2113^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m2_{-46}(\downarrow M7_{+46})^{1}} = (1) + \uparrow M3_{+40}(\downarrow m6_{-40})$

$10566 = 2^{1}\bullet 3^{2}\bullet 587^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M2_{+37}(\downarrow m7_{-37})^{1}} = (1) + \uparrow M3_{+41}(\downarrow m6_{-41})$

$10567 = 10567^{1} = \mathbf{(1) + \uparrow M3_{+41}(\downarrow m6_{-41})}$

$10568 = 2^{3}\bullet 1321^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow M3_{+41}(\downarrow m6_{-41})^{1}} = (1) + \uparrow M3_{+41}(\downarrow m6_{-41})$

$10569 = 3^{1}\bullet 13^{1}\bullet 271^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m2_{-1}(\downarrow M7_{+1})^{1}} = (1) + \uparrow M3_{+41}(\downarrow m6_{-41})$

$10570 = 2^{1}\bullet 5^{1}\bullet 7^{1}\bullet 151^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m3_{-14}(\downarrow M6_{+14})^{1}} = (1) + \uparrow M3_{+41}(\downarrow m6_{-41})$

$10571 = 11^{1}\bullet 31^{2} = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{2}} = (1) + \uparrow M3_{+41}(\downarrow m6_{-41})$

$10572 = 2^{2}\bullet 3^{1}\bullet 881^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M6_{+40}(\downarrow m3_{-40})^{1}} = (1) + \uparrow M3_{+42}(\downarrow m6_{-42})$

$10573 = 97^{1}\bullet 109^{1} = \mathbf{(1) + \uparrow P5_{+20}(\downarrow P4_{-20})^{1} + \uparrow M6_{+22}(\downarrow m3_{-22})^{1}} = (1) + \uparrow M3_{+42}(\downarrow m6_{-42})$

$10574 = 2^{1}\bullet 17^{1}\bullet 311^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow m3_{+37}(\downarrow M6_{-37})^{1}} = (1) + \uparrow M3_{+42}(\downarrow m6_{-42})$

$10575 = 3^{2}\bullet 5^{2}\bullet 47^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow P5_{-34}(\downarrow P4_{+34})^{1}} = (1) + \uparrow M3_{+42}(\downarrow m6_{-42})$

$10576 = 2^{4}\bullet 661^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow M3_{+42}(\downarrow m6_{-42})^{1}} = (1) + \uparrow M3_{+42}(\downarrow m6_{-42})$

$10577 = 7^{1}\bullet 1511^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow P5_{-26}(\downarrow P4_{+26})^{1}} = (1) + \uparrow M3_{+42}(\downarrow m6_{-42})$

$10578 = 2^{1}\bullet 3^{1}\bullet 41^{1}\bullet 43^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{+29}(\downarrow m6_{-29})^{1} + \uparrow P4_{+12}(\downarrow P5_{-12})^{1}} = (1) + \uparrow M3_{+43}(\downarrow m6_{-43})$

$10579 = 71^{1}\bullet 149^{1} = \mathbf{(1) + \uparrow M2_{-20}(\downarrow m7_{+20})^{1} + \uparrow m3_{-37}(\downarrow M6_{+37})^{1}} = (1) + \uparrow M3_{+43}(\downarrow m6_{-43})$

$10580 = 2^{2}\bullet 5^{1}\bullet 23^{2} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{2}} = (1) + \uparrow M3_{+43}(\downarrow m6_{-43})$

$10581 = 3^{1}\bullet 3527^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M6_{+41}(\downarrow m3_{-41})^{1}} = (1) + \uparrow M3_{+43}(\downarrow m6_{-43})$

$10582 = 2^{1}\bullet 11^{1}\bullet 13^{1}\bullet 37^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m3_{-49}(\downarrow M6_{+49})^{1}} = (1) + \uparrow M3_{+43}(\downarrow m6_{-43})$

$10583 = 19^{1}\bullet 557^{1} = \mathbf{(1) + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow m2_{+46}(\downarrow M7_{-46})^{1}} = (1) + \uparrow M3_{+43}(\downarrow m6_{-43})$

$10584 = 2^{3}\bullet 3^{3}\bullet 7^{2} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow m7_{-31}(\downarrow M2_{+31})^{2}} = (1) + \uparrow M3_{+44}(\downarrow m6_{-44})$

$10585 = 5^{1}\bullet 29^{1}\bullet 73^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1} + \uparrow M2_{+28}(\downarrow m7_{-28})^{1}} = (1) + \uparrow M3_{+44}(\downarrow m6_{-44})$

$10586 = 2^{1}\bullet 67^{1}\bullet 79^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m2_{-21}(\downarrow M7_{+21})^{1} + \uparrow M3_{-35}(\downarrow m6_{+35})^{1}} = (1) + \uparrow M3_{+44}(\downarrow m6_{-44})$

$10587 = 3^{1}\bullet 3529^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M6_{+42}(\downarrow m3_{-42})^{1}} = (1) + \uparrow M3_{+44}(\downarrow m6_{-44})$

$10588 = 2^{2}\bullet 2647^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M3_{+44}(\downarrow m6_{-44})^{1}} = (1) + \uparrow M3_{+44}(\downarrow m6_{-44})$

$10589 = 10589^{1} = \mathbf{(1) + \uparrow M3_{+44}(\downarrow m6_{-44})}$

$10590 = 2^{1}\bullet 3^{1}\bullet 5^{1}\bullet 353^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{-44}(\downarrow tt_{+44})^{1}} = (1) + \uparrow M3_{+44}(\downarrow m6_{-44})$

$10591 = 7^{1}\bullet 17^{1}\bullet 89^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow tt_{-29}(\downarrow tt_{+29})^{1}} = (1) + \uparrow M3_{+45}(\downarrow m6_{-45})$

$10592 = 2^{5}\bullet 331^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{5} + \uparrow M3_{+45}(\downarrow m6_{-45})^{1}} = (1) + \uparrow M3_{+45}(\downarrow m6_{-45})$

$10593 = 3^{2}\bullet 11^{1}\bullet 107^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow M6_{-10}(\downarrow m3_{+10})^{1}} = (1) + \uparrow M3_{+45}(\downarrow m6_{-45})$

$10594 = 2^{1}\bullet 5297^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{+45}(\downarrow m6_{-45})^{1}} = (1) + \uparrow M3_{+45}(\downarrow m6_{-45})$

$10595 = 5^{1}\bullet 13^{1}\bullet 163^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow M3_{+18}(\downarrow m6_{-18})^{1}} = (1) + \uparrow M3_{+45}(\downarrow m6_{-45})$

$10596 = 2^{2}\bullet 3^{1}\bullet 883^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M6_{+44}(\downarrow m3_{-44})^{1}} = (1) + \uparrow M3_{+45}(\downarrow m6_{-45})$

$10597 = 10597^{1} = \mathbf{(1) + \uparrow M3_{+46}(\downarrow m6_{-46})}$

$10598 = 2^{1}\bullet 7^{1}\bullet 757^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow P5_{-23}(\downarrow P4_{+23})^{1}} = (1) + \uparrow M3_{+46}(\downarrow m6_{-46})$

$10599 = 3^{1}\bullet 3533^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M6_{+44}(\downarrow m3_{-44})^{1}} = (1) + \uparrow M3_{+46}(\downarrow m6_{-46})$

$10600 = 2^{3}\bullet 5^{2}\bullet 53^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow M6_{-26}(\downarrow m3_{+26})^{1}} = (1) + \uparrow M3_{+46}(\downarrow m6_{-46})$

$10601 = 10601^{1} = \mathbf{(1) + \uparrow M3_{+46}(\downarrow m6_{-46})}$

$10602 = 2^{1}\bullet 3^{2}\bullet 19^{1}\bullet 31^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1}} = (1) + \uparrow M3_{+46}(\downarrow m6_{-46})$

$10603 = 23^{1}\bullet 461^{1} = \mathbf{(1) + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow m7_{+18}(\downarrow M2_{-18})^{1}} = (1) + \uparrow M3_{+47}(\downarrow m6_{-47})$

$10604 = 2^{2}\bullet 11^{1}\bullet 241^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow M7_{-5}(\downarrow m2_{+5})^{1}} = (1) + \uparrow M3_{+47}(\downarrow m6_{-47})$

$10605 = 3^{1}\bullet 5^{1}\bullet 7^{1}\bullet 101^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m6_{-10}(\downarrow M3_{+10})^{1}} =$

$(1) + \uparrow M3_{+47}(\downarrow m6_{-47})$

$10606 = 2^{1}\bullet 5303^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{+47}(\downarrow m6_{-47})^{1}} = (1) + \uparrow M3_{+47}(\downarrow m6_{-47})$

$10607 = 10607^{1} = \mathbf{(1) + \uparrow M3_{+47}(\downarrow m6_{-47})}$

$10608 = 2^{4}\bullet 3^{1}\bullet 13^{1}\bullet 17^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1}} = (1) + \uparrow M3_{+47}(\downarrow m6_{-47})$

$10609 = 103^{2} = \mathbf{(1) + \uparrow m6_{+24}(\downarrow M3_{-24})^{2}} = (1) + \uparrow M3_{+48}(\downarrow m6_{-48})$

$10610 = 2^{1}\bullet 5^{1}\bullet 1061^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m2_{-39}(\downarrow M7_{+39})^{1}} = (1) + \uparrow M3_{+48}(\downarrow m6_{-48})$

$10611 = 3^{4}\bullet 131^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{4} + \uparrow uni_{+40}(\downarrow 8ve_{-40})^{1}} = (1) + \uparrow M3_{+48}(\downarrow m6_{-48})$

$10612 = 2^{2}\bullet 7^{1}\bullet 379^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow P5_{-21}(\downarrow P4_{+21})^{1}} = (1) + \uparrow M3_{+48}(\downarrow m6_{-48})$

$10613 = 10613^{1} = \mathbf{(1) + \uparrow M3_{+48}(\downarrow m6_{-48})}$

$10614 = 2^{1}\bullet 3^{1}\bullet 29^{1}\bullet 61^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1} + \uparrow M7_{+17}(\downarrow m2_{-17})^{1}} = (1) + \uparrow M3_{+48}(\downarrow m6_{-48})$

$10615 = 5^{1}\bullet 11^{1}\bullet 193^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow P5_{+11}(\downarrow P4_{-11})^{1}} = (1) + \uparrow M3_{+49}(\downarrow m6_{-49})$

$10616 = 2^{3}\bullet 1327^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow M3_{+49}(\downarrow m6_{-49})^{1}} = (1) + \uparrow M3_{+49}(\downarrow m6_{-49})$

$10617 = 3^{1}\bullet 3539^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M6_{+47}(\downarrow m3_{-47})^{1}} = (1) + \uparrow M3_{+49}(\downarrow m6_{-49})$

$10618 = 2^{1}\bullet 5309^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{+49}(\downarrow m6_{-49})^{1}} = (1) + \uparrow M3_{+49}(\downarrow m6_{-49})$

$10619 = 7^{1}\bullet 37^{1}\bullet 41^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m3_{-49}(\downarrow M6_{+49})^{1} + \uparrow M3_{+29}(\downarrow m6_{-29})^{1}} = (1) + \uparrow M3_{+49}(\downarrow m6_{-49})$

$10620 = 2^{2}\bullet 3^{2}\bullet 5^{1}\bullet 59^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M7_{-41}(\downarrow m2_{+41})^{1}} = (1) + \uparrow M3_{+49}(\downarrow m6_{-49})$

$10621 = 13^{1}\bullet 19^{1}\bullet 43^{1} = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow P4_{+12}(\downarrow P5_{-12})^{1}} = (1) + \uparrow M3_{+50}(\downarrow m6_{-50})$

$10622 = 2^{1}\bullet 47^{1}\bullet 113^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{-34}(\downarrow P4_{+34})^{1} + \uparrow m7_{-16}(\downarrow M2_{+16})^{1}} = (1) + \uparrow M3_{+50}(\downarrow m6_{-50})$

$10623 = 3^{1}\bullet 3541^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M6_{+48}(\downarrow m3_{-48})^{1}} = (1) + \uparrow M3_{+50}(\downarrow m6_{-50})$

$10624 = 2^{7}\bullet 83^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{7} + \uparrow P4_{-50}(\downarrow P5_{+50})^{1}} = (1) + \uparrow P4_{-50}(\downarrow P5_{+50})$

$10625 = 5^{4}\bullet 17^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{4} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1}} = (1) + \uparrow P4_{-50}(\downarrow P5_{+50})$

$10626 = 2^1 \bullet 3^1 \bullet 7^1 \bullet 11^1 \bullet 23^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1} =$

$(1) + \uparrow P4_{-50}(\downarrow P5_{+50})$

$10627 = 10627^1 = \mathbf{(1) + \uparrow P4_{-49}(\downarrow P5_{+49})}$

$10628 = 2^2 \bullet 2657^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P4_{-49}(\downarrow P5_{+49})^1} = (1) + \uparrow P4_{-49}(\downarrow P5_{+49})$

$10629 = 3^2 \bullet 1181^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M2_{+47}(\downarrow m7_{-47})^1} = (1) + \uparrow P4_{-49}(\downarrow P5_{+49})$

$10630 = 2^1 \bullet 5^1 \bullet 1063^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m2_{-35}(\downarrow M7_{+35})^1} = (1) + \uparrow P4_{-49}(\downarrow P5_{+49})$

$10631 = 10631^1 = \mathbf{(1) + \uparrow P4_{-49}(\downarrow P5_{+49})}$

$10632 = 2^3 \bullet 3^1 \bullet 443^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M6_{+49}(\downarrow m3_{-49})^1} = (1) + \uparrow P4_{-49}(\downarrow P5_{+49})$

$10633 = 7^3 \bullet 31^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^3 + \uparrow M7_{+45}(\downarrow m2_{-45})^1} = (1) + \uparrow P4_{-48}(\downarrow P5_{+48})$

$10634 = 2^1 \bullet 13^1 \bullet 409^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow m6_{+11}(\downarrow M3_{-11})^1} = (1) + \uparrow P4_{-48}(\downarrow P5_{+48})$

$10635 = 3^1 \bullet 5^1 \bullet 709^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{-36}(\downarrow tt_{+36})^1} = (1) + \uparrow P4_{-48}(\downarrow P5_{+48})$

$10636 = 2^2 \bullet 2659^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P4_{-48}(\downarrow P5_{+48})^1} = (1) + \uparrow P4_{-48}(\downarrow P5_{+48})$

$10637 = 11^1 \bullet 967^1 = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow M7_{+1}(\downarrow m2_{-1})^1} = (1) + \uparrow P4_{-48}(\downarrow P5_{+48})$

$10638 = 2^1 \bullet 3^3 \bullet 197^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow P5_{+46}(\downarrow P4_{-46})^1} = (1) + \uparrow P4_{-48}(\downarrow P5_{+48})$

$10639 = 10639^1 = \mathbf{(1) + \uparrow P4_{-48}(\downarrow P5_{+48})}$

$10640 = 2^4 \bullet 5^1 \bullet 7^1 \bullet 19^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1} = (1) + \uparrow P4_{-47}(\downarrow P5_{+47})$

$10641 = 3^1 \bullet 3547^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-49}(\downarrow M2_{+49})^1} = (1) + \uparrow P4_{-47}(\downarrow P5_{+47})$

$10642 = 2^1 \bullet 17^1 \bullet 313^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow m3_{+48}(\downarrow M6_{-48})^1} = (1) + \uparrow P4_{-47}(\downarrow P5_{+47})$

$10643 = 29^1 \bullet 367^1 = \mathbf{(1) + \uparrow m7_{+30}(\downarrow M2_{-30})^1 + \uparrow tt_{+24}(\downarrow tt_{-24})^1} = (1) + \uparrow P4_{-47}(\downarrow P5_{+47})$

$10644 = 2^2 \bullet 3^1 \bullet 887^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-49}(\downarrow M2_{+49})^1} = (1) + \uparrow P4_{-47}(\downarrow P5_{+47})$

$10645 = 5^1 \bullet 2129^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m2_{-33}(\downarrow M7_{+33})^1} = (1) + \uparrow P4_{-47}(\downarrow P5_{+47})$

$10646 = 2^1 \bullet 5323^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P4_{-46}(\downarrow P5_{+46})^1} = (1) + \uparrow P4_{-46}(\downarrow P5_{+46})$

$10647 = 3^2 \bullet 7^1 \bullet 13^2 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^2} = (1) + \uparrow P4_{-46}(\downarrow P5_{+46})$

$10648 = 2^3 \bullet 11^3 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow tt_{-49}(\downarrow tt_{+49})^3} = (1) + \uparrow P4_{-46}(\downarrow P5_{+46})$

$10649 = 23^1 \bullet 463^1 = \mathbf{(1) + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow m7_{+26}(\downarrow M2_{-26})^1} = (1) + \uparrow P4_{-46}(\downarrow P5_{+46})$

$10650 = 2^1 \bullet 3^1 \bullet 5^2 \bullet 71^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow M2_{-20}(\downarrow m7_{+20})^1} = (1) + \uparrow P4_{-46}(\downarrow P5_{+46})$

$10651 = 10651^1 = \mathbf{(1) + \uparrow P4_{-46}(\downarrow P5_{+46})}$

$10652 = 2^2 \bullet 2663^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P4_{-45}(\downarrow P5_{+45})^1} = (1) + \uparrow P4_{-45}(\downarrow P5_{+45})$

$10653 = 3^1 \bullet 53^1 \bullet 67^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M6_{-26}(\downarrow m3_{+26})^1 + \uparrow m2_{-21}(\downarrow M7_{+21})^1} = (1) + \uparrow P4_{-45}(\downarrow P5_{+45})$

$10654 = 2^1 \bullet 7^1 \bullet 761^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow P5_{-14}(\downarrow P4_{+14})^1} = (1) + \uparrow P4_{-45}(\downarrow P5_{+45})$

$10655 = 5^1 \bullet 2131^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m2_{-31}(\downarrow M7_{+31})^1} = (1) + \uparrow P4_{-45}(\downarrow P5_{+45})$

$10656 = 2^5 \bullet 3^2 \bullet 37^1 = \mathbf{(1) + \updownarrow 8ve(uni)^5 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m3_{-49}(\downarrow M6_{+49})^1} = (1) + \uparrow P4_{-45}(\downarrow P5_{+45})$

$10657 = 10657^1 = \mathbf{(1) + \uparrow P4_{-45}(\downarrow P5_{+45})}$

$10658 = 2^1 \bullet 73^2 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M2_{+28}(\downarrow m7_{-28})^2} = (1) + \uparrow P4_{-44}(\downarrow P5_{+44})$

$10659 = 3^1 \bullet 11^1 \bullet 17^1 \bullet 19^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1} = (1) + \uparrow P4_{-44}(\downarrow P5_{+44})$

$10660 = 2^2 \bullet 5^1 \bullet 13^1 \bullet 41^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow M3_{+29}(\downarrow m6_{-29})^1} = (1) + \uparrow P4_{-44}(\downarrow P5_{+44})$

$10661 = 7^1 \bullet 1523^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow P5_{-13}(\downarrow P4_{+13})^1} = (1) + \uparrow P4_{-44}(\downarrow P5_{+44})$

$10662 = 2^1 \bullet 3^1 \bullet 1777^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-46}(\downarrow M2_{+46})^1} = (1) + \uparrow P4_{-44}(\downarrow P5_{+44})$

$10663 = 10663^1 = \mathbf{(1) + \uparrow P4_{-44}(\downarrow P5_{+44})}$

$10664 = 2^3 \bullet 31^1 \bullet 43^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow M7_{+45}(\downarrow m2_{-45})^1 + \uparrow P4_{+12}(\downarrow P5_{-12})^1} = (1) + \uparrow P4_{-43}(\downarrow P5_{+43})$

$10665 = 3^3 \bullet 5^1 \bullet 79^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M3_{-35}(\downarrow m6_{+35})^1} = (1) + \uparrow P4_{-43}(\downarrow P5_{+43})$

$10666 = 2^1 \bullet 5333^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P4_{-43}(\downarrow P5_{+43})^1} = (1) + \uparrow P4_{-43}(\downarrow P5_{+43})$

$10667 = 10667^{1} = \mathbf{(1) + \uparrow P4_{-43}(\downarrow P5_{+43})}$

$10668 = 2^{2}\bullet 3^{1}\bullet 7^{1}\bullet 127^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow 8ve_{-14}(\downarrow uni_{+14})^{1}} = (1) + \uparrow P4_{-43}(\downarrow P5_{+43})$

$10669 = 47^{1}\bullet 227^{1} = \mathbf{(1) + \uparrow P5_{-34}(\downarrow P4_{+34})^{1} + \uparrow m7_{-8}(\downarrow M2_{+8})^{1}} = (1) + \uparrow P4_{-43}(\downarrow P5_{+43})$

$10670 = 2^{1}\bullet 5^{1}\bullet 11^{1}\bullet 97^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow P5_{+20}(\downarrow P4_{-20})^{1}} = (1) + \uparrow P4_{-42}(\downarrow P5_{+42})$

$10671 = 3^{1}\bullet 3557^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-44}(\downarrow M2_{+44})^{1}} = (1) + \uparrow P4_{-42}(\downarrow P5_{+42})$

$10672 = 2^{4}\bullet 23^{1}\bullet 29^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1}} = (1) + \uparrow P4_{-42}(\downarrow P5_{+42})$

$10673 = 13^{1}\bullet 821^{1} = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m6_{+17}(\downarrow M3_{-17})^{1}} = (1) + \uparrow P4_{-42}(\downarrow P5_{+42})$

$10674 = 2^{1}\bullet 3^{2}\bullet 593^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m3_{-46}(\downarrow M6_{+46})^{1}} = (1) + \uparrow P4_{-42}(\downarrow P5_{+42})$

$10675 = 5^{2}\bullet 7^{1}\bullet 61^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M7_{+17}(\downarrow m2_{-17})^{1}} = (1) + \uparrow P4_{-42}(\downarrow P5_{+42})$

$10676 = 2^{2}\bullet 17^{1}\bullet 157^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow M3_{-46}(\downarrow m6_{+46})^{1}} = (1) + \uparrow P4_{-41}(\downarrow P5_{+41})$

$10677 = 3^{1}\bullet 3559^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-43}(\downarrow M2_{+43})^{1}} = (1) + \uparrow P4_{-41}(\downarrow P5_{+41})$

$10678 = 2^{1}\bullet 19^{1}\bullet 281^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow M2_{-39}(\downarrow m7_{+39})^{1}} = (1) + \uparrow P4_{-41}(\downarrow P5_{+41})$

$10679 = 59^{1}\bullet 181^{1} = \mathbf{(1) + \uparrow M7_{-41}(\downarrow m2_{+41})^{1} + \uparrow tt_{+0}(\downarrow tt_{-0})^{1}} = (1) + \uparrow P4_{-41}(\downarrow P5_{+41})$

$10680 = 2^{3}\bullet 3^{1}\bullet 5^{1}\bullet 89^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{-29}(\downarrow tt_{+29})^{1}} = (1) + \uparrow P4_{-41}(\downarrow P5_{+41})$

$10681 = 11^{1}\bullet 971^{1} = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow M7_{+8}(\downarrow m2_{-8})^{1}} = (1) + \uparrow P4_{-41}(\downarrow P5_{+41})$

$10682 = 2^{1}\bullet 7^{2}\bullet 109^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{2} + \uparrow M6_{+22}(\downarrow m3_{-22})^{1}} = (1) + \uparrow P4_{-41}(\downarrow P5_{+41})$

$10683 = 3^{2}\bullet 1187^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m3_{-44}(\downarrow M6_{+44})^{1}} = (1) + \uparrow P4_{-40}(\downarrow P5_{+40})$

$10684 = 2^{2}\bullet 2671^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P4_{-40}(\downarrow P5_{+40})^{1}} = (1) + \uparrow P4_{-40}(\downarrow P5_{+40})$

$10685 = 5^{1}\bullet 2137^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m2_{-26}(\downarrow M7_{+26})^{1}} = (1) + \uparrow P4_{-40}(\downarrow P5_{+40})$

$10686 = 2^{1}\bullet 3^{1}\bullet 13^{1}\bullet 137^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m2_{+18}(\downarrow M7_{-18})^{1}} = (1) + \uparrow P4_{-40}(\downarrow P5_{+40})$

$10687 = 10687^{1} = \mathbf{(1) + \uparrow P4_{-40}(\downarrow P5_{+40})}$

$10688 = 2^{6}\bullet 167^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{6} + \uparrow P4_{-40}(\downarrow P5_{+40})^{1}} = (1) + \uparrow P4_{-40}(\downarrow P5_{+40})$

$10689 = 3^{1}\bullet 7^{1}\bullet 509^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow 8ve_{-10}(\downarrow uni_{+10})^{1}} = (1) + \uparrow P4_{-39}(\downarrow P5_{+39})$

$10690 = 2^{1}\bullet 5^{1}\bullet 1069^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m2_{-26}(\downarrow M7_{+26})^{1}} = (1) + \uparrow P4_{-39}(\downarrow P5_{+39})$

$10691 = 10691^{1} = \mathbf{(1) + \uparrow P4_{-39}(\downarrow P5_{+39})}$

$10692 = 2^{2}\bullet 3^{5}\bullet 11^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{5} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1}} = (1) + \uparrow P4_{-39}(\downarrow P5_{+39})$

$10693 = 17^{2}\bullet 37^{1} = \mathbf{(1) + \uparrow m2_{+5}(\downarrow M7_{-5})^{2} + \uparrow m3_{-49}(\downarrow M6_{+49})^{1}} = (1) + \uparrow P4_{-39}(\downarrow P5_{+39})$

$10694 = 2^{1}\bullet 5347^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P4_{-39}(\downarrow P5_{+39})^{1}} = (1) + \uparrow P4_{-39}(\downarrow P5_{+39})$

$10695 = 3^{1}\bullet 5^{1}\bullet 23^{1}\bullet 31^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1}} = (1) + \uparrow P4_{-38}(\downarrow P5_{+38})$

$10696 = 2^{3}\bullet 7^{1}\bullet 191^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow P5_{-7}(\downarrow P4_{+7})^{1}} = (1) + \uparrow P4_{-38}(\downarrow P5_{+38})$

$10697 = 19^{1}\bullet 563^{1} = \mathbf{(1) + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow M2_{-36}(\downarrow m7_{+36})^{1}} = (1) + \uparrow P4_{-38}(\downarrow P5_{+38})$

$10698 = 2^{1}\bullet 3^{1}\bullet 1783^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-40}(\downarrow M2_{+40})^{1}} = (1) + \uparrow P4_{-38}(\downarrow P5_{+38})$

$10699 = 13^{1}\bullet 823^{1} = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m6_{+22}(\downarrow M3_{-22})^{1}} = (1) + \uparrow P4_{-38}(\downarrow P5_{+38})$

$10700 = 2^{2}\bullet 5^{2}\bullet 107^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow M6_{-10}(\downarrow m3_{+10})^{1}} = (1) + \uparrow P4_{-38}(\downarrow P5_{+38})$

$10701 = 3^{2}\bullet 29^{1}\bullet 41^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1} + \uparrow M3_{+29}(\downarrow m6_{-29})^{1}} = (1) + \uparrow P4_{-37}(\downarrow P5_{+37})$

$10702 = 2^{1}\bullet 5351^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P4_{-37}(\downarrow P5_{+37})^{1}} = (1) + \uparrow P4_{-37}(\downarrow P5_{+37})$

$10703 = 7^{1}\bullet 11^{1}\bullet 139^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m2_{+43}(\downarrow M7_{-43})^{1}} = (1) + \uparrow P4_{-37}(\downarrow P5_{+37})$

$10704 = 2^{4}\bullet 3^{1}\bullet 223^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-39}(\downarrow M2_{+39})^{1}} = (1) + \uparrow P4_{-37}(\downarrow P5_{+37})$

$10705 = 5^{1}\bullet 2141^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m2_{-23}(\downarrow M7_{+23})^{1}} = (1) + \uparrow P4_{-37}(\downarrow P5_{+37})$

$10706 = 2^{1}\bullet 53^{1}\bullet 101^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M6_{-26}(\downarrow m3_{+26})^{1} + \uparrow m6_{-10}(\downarrow M3_{+10})^{1}} = (1) + \uparrow P4_{-37}(\downarrow P5_{+37})$

$10707 = 3^{1}\bullet 43^{1}\bullet 83^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow P4_{+12}(\downarrow P5_{-12})^{1} + \uparrow P4_{-50}(\downarrow P5_{+50})^{1}} = (1) + \uparrow P4_{-36}(\downarrow P5_{+36})$

$10708 = 2^{2}\bullet 2677^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P4_{-36}(\downarrow P5_{+36})^{1}} = (1) + \uparrow P4_{-36}(\downarrow P5_{+36})$

$10709 = 10709^{1} = \mathbf{(1) + \uparrow P4_{-36}(\downarrow P5_{+36})}$

$10710 = 2^{1}\bullet 3^{2}\bullet 5^{1}\bullet 7^{1}\bullet 17^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1}} =$

$(1) + \uparrow P4_{-36}(\downarrow P5_{+36})$

$10711 = 10711^{1} = \mathbf{(1) + \uparrow P4_{-36}(\downarrow P5_{+36})}$

$10712 = 2^{3}\bullet 13^{1}\bullet 103^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m6_{+24}(\downarrow M3_{-24})^{1}} = (1) + \uparrow P4_{-36}(\downarrow P5_{+36})$

$10713 = 3^{1}\bullet 3571^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-37}(\downarrow M2_{+37})^{1}} = (1) + \uparrow P4_{-36}(\downarrow P5_{+36})$

$10714 = 2^{1}\bullet 11^{1}\bullet 487^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow M7_{+13}(\downarrow m2_{-13})^{1}} = (1) + \uparrow P4_{-35}(\downarrow P5_{+35})$

$10715 = 5^{1}\bullet 2143^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m2_{-22}(\downarrow M7_{+22})^{1}} = (1) + \uparrow P4_{-35}(\downarrow P5_{+35})$

$10716 = 2^{2}\bullet 3^{1}\bullet 19^{1}\bullet 47^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow P5_{-34}(\downarrow P4_{+34})^{1}} = (1) + \uparrow P4_{-35}(\downarrow P5_{+35})$

$10717 = 7^{1}\bullet 1531^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow P5_{-4}(\downarrow P4_{+4})^{1}} = (1) + \uparrow P4_{-35}(\downarrow P5_{+35})$

$10718 = 2^{1}\bullet 23^{1}\bullet 233^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow m7_{+37}(\downarrow M2_{-37})^{1}} = (1) + \uparrow P4_{-35}(\downarrow P5_{+35})$

$10719 = 3^{3}\bullet 397^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow m6_{-40}(\downarrow M3_{+40})^{1}} = (1) + \uparrow P4_{-35}(\downarrow P5_{+35})$

$10720 = 2^{5}\bullet 5^{1}\bullet 67^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{5} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m2_{-21}(\downarrow M7_{+21})^{1}} = (1) + \uparrow P4_{-34}(\downarrow P5_{+34})$

$10721 = 71^{1}\bullet 151^{1} = \mathbf{(1) + \uparrow M2_{-20}(\downarrow m7_{+20})^{1} + \uparrow m3_{-14}(\downarrow M6_{+14})^{1}} = (1) + \uparrow P4_{-34}(\downarrow P5_{+34})$

$10722 = 2^{1}\bullet 3^{1}\bullet 1787^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-36}(\downarrow M2_{+36})^{1}} = (1) + \uparrow P4_{-34}(\downarrow P5_{+34})$

$10723 = 10723^{1} = \mathbf{(1) + \uparrow P4_{-34}(\downarrow P5_{+34})}$

$10724 = 2^{2}\bullet 7^{1}\bullet 383^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow P5_{-3}(\downarrow P4_{+3})^{1}} = (1) + \uparrow P4_{-34}(\downarrow P5_{+34})$

$10725 = 3^{1}\bullet 5^{2}\bullet 11^{1}\bullet 13^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1}} = (1) + \uparrow P4_{-34}(\downarrow P5_{+34})$

$10726 = 2^{1}\bullet 31^{1}\bullet 173^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1} + \uparrow P4_{+22}(\downarrow P5_{-22})^{1}} = (1) + \uparrow P4_{-33}(\downarrow P5_{+33})$

$10727 = 17^{1}\bullet 631^{1} = \mathbf{(1) + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow M3_{-38}(\downarrow m6_{+38})^{1}} = (1) + \uparrow P4_{-33}(\downarrow P5_{+33})$

$10728 = 2^{3}\bullet 3^{2}\bullet 149^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m3_{-37}(\downarrow M6_{+37})^{1}} = (1) + \uparrow P4_{-33}(\downarrow P5_{+33})$

$10729 = 10729^{1} = \mathbf{(1) + \uparrow P4_{-33}(\downarrow P5_{+33})}$

$10730 = 2^{1}\bullet 5^{1}\bullet 29^{1}\bullet 37^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1} + \uparrow m3_{-49}(\downarrow M6_{+49})^{1}} = (1) + \uparrow P4_{-33}(\downarrow P5_{+33})$

$10731 = 3^{1}\bullet 7^{2}\bullet 73^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{2} + \uparrow M2_{+28}(\downarrow m7_{-28})^{1}} = (1) + \uparrow P4_{-33}(\downarrow P5_{+33})$

$10732 = 2^{2}\bullet 2683^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P4_{-32}(\downarrow P5_{+32})^{1}} = (1) + \uparrow P4_{-32}(\downarrow P5_{+32})$

$10733 = 10733^{1} = \mathbf{(1) + \uparrow P4_{-32}(\downarrow P5_{+32})}$

$10734 = 2^{1}\bullet 3^{1}\bullet 1789^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-34}(\downarrow M2_{+34})^{1}} = (1) + \uparrow P4_{-32}(\downarrow P5_{+32})$

$10735 = 5^{1}\bullet 19^{1}\bullet 113^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow m7_{-16}(\downarrow M2_{+16})^{1}} = (1) + \uparrow P4_{-32}(\downarrow P5_{+32})$

$10736 = 2^{4}\bullet 11^{1}\bullet 61^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow M7_{+17}(\downarrow m2_{-17})^{1}} = (1) + \uparrow P4_{-32}(\downarrow P5_{+32})$

$10737 = 3^{2}\bullet 1193^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m3_{-36}(\downarrow M6_{+36})^{1}} = (1) + \uparrow P4_{-32}(\downarrow P5_{+32})$

$10738 = 2^{1}\bullet 7^{1}\bullet 13^{1}\bullet 59^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow M7_{-41}(\downarrow m2_{+41})^{1}} = (1) + \uparrow P4_{-31}(\downarrow P5_{+31})$

$10739 = 10739^{1} = \mathbf{(1) + \uparrow P4_{-31}(\downarrow P5_{+31})}$

$10740 = 2^{2}\bullet 3^{1}\bullet 5^{1}\bullet 179^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{-19}(\downarrow tt_{+19})^{1}} = (1) + \uparrow P4_{-31}(\downarrow P5_{+31})$

$10741 = 23^{1}\bullet 467^{1} = \mathbf{(1) + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow m7_{+41}(\downarrow M2_{-41})^{1}} = (1) + \uparrow P4_{-31}(\downarrow P5_{+31})$

$10742 = 2^{1}\bullet 41^{1}\bullet 131^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{+29}(\downarrow m6_{-29})^{1} + \uparrow uni_{+40}(\downarrow 8ve_{-40})^{1}} = (1) + \uparrow P4_{-31}(\downarrow P5_{+31})$

$10743 = 3^{1}\bullet 3581^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-33}(\downarrow M2_{+33})^{1}} = (1) + \uparrow P4_{-31}(\downarrow P5_{+31})$

$10744 = 2^{3}\bullet 17^{1}\bullet 79^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow M3_{-35}(\downarrow m6_{+35})^{1}} = (1) + \uparrow P4_{-31}(\downarrow P5_{+31})$

$10745 = 5^{1}\bullet 7^{1}\bullet 307^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m3_{+15}(\downarrow M6_{-15})^{1}} = (1) + \uparrow P4_{-30}(\downarrow P5_{+30})$

$10746 = 2^{1}\bullet 3^{3}\bullet 199^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow m6_{-36}(\downarrow M3_{+36})^{1}} = (1) + \uparrow P4_{-30}(\downarrow P5_{+30})$

$10747 = 11^{1}\bullet 977^{1} = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow M7_{+19}(\downarrow m2_{-19})^{1}} = (1) + \uparrow P4_{-30}(\downarrow P5_{+30})$

$10748 = 2^{2}\bullet 2687^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P4_{-30}(\downarrow P5_{+30})^{1}} = (1) + \uparrow P4_{-30}(\downarrow P5_{+30})$

$10749 = 3^{1}\bullet 3583^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-32}(\downarrow M2_{+32})^{1}} = (1) + \uparrow P4_{-30}(\downarrow P5_{+30})$

$10750 = 2^{1}\bullet5^{3}\bullet43^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{3} + \uparrow P4_{+12}(\downarrow P5_{-12})^{1}} = (1) + \uparrow P4_{-30}(\downarrow P5_{+30})$

$10751 = 13^{1}\bullet827^{1} = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m6_{+30}(\downarrow M3_{-30})^{1}} = (1) + \uparrow P4_{-29}(\downarrow P5_{+29})$

$10752 = 2^{9}\bullet3^{1}\bullet7^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{9} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1}} = (1) + \uparrow P4_{-29}(\downarrow P5_{+29})$

$10753 = 10753^{1} = \mathbf{(1) + \uparrow P4_{-29}(\downarrow P5_{+29})}$

$10754 = 2^{1}\bullet19^{1}\bullet283^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow M2_{-26}(\downarrow m7_{+26})^{1}} = (1) + \uparrow P4_{-29}(\downarrow P5_{+29})$

$10755 = 3^{2}\bullet5^{1}\bullet239^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M7_{-19}(\downarrow m2_{+19})^{1}} = (1) + \uparrow P4_{-29}(\downarrow P5_{+29})$

$10756 = 2^{2}\bullet2689^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P4_{-29}(\downarrow P5_{+29})^{1}} = (1) + \uparrow P4_{-29}(\downarrow P5_{+29})$

$10757 = 31^{1}\bullet347^{1} = \mathbf{(1) + \uparrow M7_{+45}(\downarrow m2_{-45})^{1} + \uparrow P4_{+27}(\downarrow P5_{-27})^{1}} = (1) + \uparrow P4_{-28}(\downarrow P5_{+28})$

$10758 = 2^{1}\bullet3^{1}\bullet11^{1}\bullet163^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow M3_{+18}(\downarrow m6_{-18})^{1}} = (1) + \uparrow P4_{-28}(\downarrow P5_{+28})$

$10759 = 7^{1}\bullet29^{1}\bullet53^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1} + \uparrow M6_{-26}(\downarrow m3_{+26})^{1}} = (1) + \uparrow P4_{-28}(\downarrow P5_{+28})$

$10760 = 2^{3}\bullet5^{1}\bullet269^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m2_{-14}(\downarrow M7_{+14})^{1}} = (1) + \uparrow P4_{-28}(\downarrow P5_{+28})$

$10761 = 3^{1}\bullet17^{1}\bullet211^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow M6_{-35}(\downarrow m3_{+35})^{1}} = (1) + \uparrow P4_{-28}(\downarrow P5_{+28})$

$10762 = 2^{1}\bullet5381^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P4_{-28}(\downarrow P5_{+28})^{1}} = (1) + \uparrow P4_{-28}(\downarrow P5_{+28})$

$10763 = 47^{1}\bullet229^{1} = \mathbf{(1) + \uparrow P5_{-34}(\downarrow P4_{+34})^{1} + \uparrow m7_{+7}(\downarrow M2_{-7})^{1}} = (1) + \uparrow P4_{-27}(\downarrow P5_{+27})$

$10764 = 2^{2}\bullet3^{2}\bullet13^{1}\bullet23^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1}} = (1) + \uparrow P4_{-27}(\downarrow P5_{+27})$

$10765 = 5^{1}\bullet2153^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m2_{-13}(\downarrow M7_{+13})^{1}} = (1) + \uparrow P4_{-27}(\downarrow P5_{+27})$

$10766 = 2^{1}\bullet7^{1}\bullet769^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow P5_{+4}(\downarrow P4_{-4})^{1}} = (1) + \uparrow P4_{-27}(\downarrow P5_{+27})$

$10767 = 3^{1}\bullet37^{1}\bullet97^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m3_{-49}(\downarrow M6_{+49})^{1} + \uparrow P5_{+20}(\downarrow P4_{-20})^{1}} = (1) + \uparrow P4_{-27}(\downarrow P5_{+27})$

$10768 = 2^{4}\bullet673^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow P4_{-27}(\downarrow P5_{+27})^{1}} = (1) + \uparrow P4_{-27}(\downarrow P5_{+27})$

$10769 = 11^{2}\bullet89^{1} = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^{2} + \uparrow tt_{-29}(\downarrow tt_{+29})^{1}} = (1) + \uparrow P4_{-26}(\downarrow P5_{+26})$

$10770 = 2^{1}\bullet3^{1}\bullet5^{1}\bullet359^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{-15}(\downarrow tt_{+15})^{1}} = (1) + \uparrow P4_{-26}(\downarrow P5_{+26})$

$10771 = 10771^{1} = \mathbf{(1) + \uparrow P4_{-26}(\downarrow P5_{+26})}$

$10772 = 2^{2}\bullet2693^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P4_{-26}(\downarrow P5_{+26})^{1}} = (1) + \uparrow P4_{-26}(\downarrow P5_{+26})$

$10773 = 3^{4}\bullet7^{1}\bullet19^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{4} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1}} = (1) + \uparrow P4_{-26}(\downarrow P5_{+26})$

$10774 = 2^{1}\bullet5387^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P4_{-26}(\downarrow P5_{+26})^{1}} = (1) + \uparrow P4_{-26}(\downarrow P5_{+26})$

$10775 = 5^{2}\bullet431^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow M6_{+2}(\downarrow m3_{-2})^{1}} = (1) + \uparrow P4_{-26}(\downarrow P5_{+26})$

$10776 = 2^{3}\bullet3^{1}\bullet449^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-27}(\downarrow M2_{+27})^{1}} = (1) + \uparrow P4_{-25}(\downarrow P5_{+25})$

$10777 = 13^{1}\bullet829^{1} = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m6_{+34}(\downarrow M3_{-34})^{1}} = (1) + \uparrow P4_{-25}(\downarrow P5_{+25})$

$10778 = 2^{1}\bullet17^{1}\bullet317^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow M3_{-30}(\downarrow m6_{+30})^{1}} = (1) + \uparrow P4_{-25}(\downarrow P5_{+25})$

$10779 = 3^{1}\bullet3593^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-27}(\downarrow M2_{+27})^{1}} = (1) + \uparrow P4_{-25}(\downarrow P5_{+25})$

$10780 = 2^{2}\bullet5^{1}\bullet7^{2}\bullet11^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{2} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1}} = (1) + \uparrow P4_{-25}(\downarrow P5_{+25})$

$10781 = 10781^{1} = \mathbf{(1) + \uparrow P4_{-25}(\downarrow P5_{+25})}$

$10782 = 2^{1}\bullet3^{2}\bullet599^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m3_{-28}(\downarrow M6_{+28})^{1}} = (1) + \uparrow P4_{-24}(\downarrow P5_{+24})$

$10783 = 41^{1}\bullet263^{1} = \mathbf{(1) + \uparrow M3_{+29}(\downarrow m6_{-29})^{1} + \uparrow uni_{+47}(\downarrow 8ve_{-47})^{1}} = (1) + \uparrow P4_{-24}(\downarrow P5_{+24})$

$10784 = 2^{5}\bullet337^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{5} + \uparrow P4_{-24}(\downarrow P5_{+24})^{1}} = (1) + \uparrow P4_{-24}(\downarrow P5_{+24})$

$10785 = 3^{1}\bullet5^{1}\bullet719^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{-12}(\downarrow tt_{+12})^{1}} = (1) + \uparrow P4_{-24}(\downarrow P5_{+24})$

$10786 = 2^{1}\bullet5393^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P4_{-24}(\downarrow P5_{+24})^{1}} = (1) + \uparrow P4_{-24}(\downarrow P5_{+24})$

$10787 = 7^{1}\bullet23^{1}\bullet67^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow m2_{-21}(\downarrow M7_{+21})^{1}} = (1) + \uparrow P4_{-24}(\downarrow P5_{+24})$

$10788 = 2^{2}\bullet3^{1}\bullet29^{1}\bullet31^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1}} = (1) + \uparrow P4_{-23}(\downarrow P5_{+23})$

$10789 = 10789^{1} = \mathbf{(1) + \uparrow P4_{-23}(\downarrow P5_{+23})}$

$10790 = 2^{1}\bullet5^{1}\bullet13^{1}\bullet83^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow P4_{-50}(\downarrow P5_{+50})^{1}} = (1) + \uparrow P4_{-23}(\downarrow P5_{+23})$

$10791 = 3^{2}\bullet11^{1}\bullet109^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow M6_{+22}(\downarrow m3_{-22})^{1}} = (1) + \uparrow P4_{-23}(\downarrow P5_{+23})$

$10792 = 2^3 \bullet 19^1 \bullet 71^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow M2_{-20}(\downarrow m7_{+20})^1} = (1) + \uparrow P4_{-23}(\downarrow P5_{+23})$

$10793 = 43^1 \bullet 251^1 = \mathbf{(1) + \uparrow P4_{+12}(\downarrow P5_{-12})^1 + \uparrow 8ve_{-34}(\downarrow uni_{+34})^1} = (1) + \uparrow P4_{-23}(\downarrow P5_{+23})$

$10794 = 2^1 \bullet 3^1 \bullet 7^1 \bullet 257^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow uni_{+7}(\downarrow 8ve_{-7})^1} = (1) + \uparrow P4_{-22}(\downarrow P5_{+22})$

$10795 = 5^1 \bullet 17^1 \bullet 127^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow 8ve_{-14}(\downarrow uni_{+14})^1} = (1) + \uparrow P4_{-22}(\downarrow P5_{+22})$

$10796 = 2^2 \bullet 2699^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P4_{-22}(\downarrow P5_{+22})^1} = (1) + \uparrow P4_{-22}(\downarrow P5_{+22})$

$10797 = 3^1 \bullet 59^1 \bullet 61^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M7_{-41}(\downarrow m2_{+41})^1 + \uparrow M7_{+17}(\downarrow m2_{-17})^1} = (1) + \uparrow P4_{-22}(\downarrow P5_{+22})$

$10798 = 2^1 \bullet 5399^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P4_{-22}(\downarrow P5_{+22})^1} = (1) + \uparrow P4_{-22}(\downarrow P5_{+22})$

$10799 = 10799^1 = \mathbf{(1) + \uparrow P4_{-22}(\downarrow P5_{+22})}$

$10800 = 2^4 \bullet 3^3 \bullet 5^2 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow M3_{-14}(\downarrow m6_{+14})^2} = (1) + \uparrow P4_{-22}(\downarrow P5_{+22})$

$10801 = 7^1 \bullet 1543^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow P5_{+10}(\downarrow P4_{-10})^1} = (1) + \uparrow P4_{-21}(\downarrow P5_{+21})$

$10802 = 2^1 \bullet 11^1 \bullet 491^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow M7_{+27}(\downarrow m2_{-27})^1} = (1) + \uparrow P4_{-21}(\downarrow P5_{+21})$

$10803 = 3^1 \bullet 13^1 \bullet 277^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow m2_{+36}(\downarrow M7_{-36})^1} = (1) + \uparrow P4_{-21}(\downarrow P5_{+21})$

$10804 = 2^2 \bullet 37^1 \bullet 73^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m3_{-49}(\downarrow M6_{+49})^1 + \uparrow M2_{+28}(\downarrow m7_{-28})^1} = (1) + \uparrow P4_{-21}(\downarrow P5_{+21})$

$10805 = 5^1 \bullet 2161^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m2_{-7}(\downarrow M7_{+7})^1} = (1) + \uparrow P4_{-21}(\downarrow P5_{+21})$

$10806 = 2^1 \bullet 3^1 \bullet 1801^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-23}(\downarrow M2_{+23})^1} = (1) + \uparrow P4_{-21}(\downarrow P5_{+21})$

$10807 = 101^1 \bullet 107^1 = \mathbf{(1) + \uparrow m6_{-10}(\downarrow M3_{+10})^1 + \uparrow M6_{-10}(\downarrow m3_{+10})^1} = (1) + \uparrow P4_{-20}(\downarrow P5_{+20})$

$10808 = 2^3 \bullet 7^1 \bullet 193^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow P5_{+11}(\downarrow P4_{-11})^1} = (1) + \uparrow P4_{-20}(\downarrow P5_{+20})$

$10809 = 3^2 \bullet 1201^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m3_{-24}(\downarrow M6_{+24})^1} = (1) + \uparrow P4_{-20}(\downarrow P5_{+20})$

$10810 = 2^1 \bullet 5^1 \bullet 23^1 \bullet 47^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow P5_{-34}(\downarrow P4_{+34})^1} = (1) + \uparrow P4_{-20}(\downarrow P5_{+20})$

$10811 = 19^1 \bullet 569^1 = \mathbf{(1) + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow M2_{-17}(\downarrow m7_{+17})^1} = (1) + \uparrow P4_{-20}(\downarrow P5_{+20})$

$10812 = 2^2 \bullet 3^1 \bullet 17^1 \bullet 53^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow M6_{-26}(\downarrow m3_{+26})^1} = (1) + \uparrow P4_{-20}(\downarrow P5_{+20})$

$10813 = 11^1 \bullet 983^1 = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow M7_{+29}(\downarrow m2_{-29})^1} = (1) + \uparrow P4_{-19}(\downarrow P5_{+19})$

$10814 = 2^1 \bullet 5407^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P4_{-19}(\downarrow P5_{+19})^1} = (1) + \uparrow P4_{-19}(\downarrow P5_{+19})$

$10815 = 3^1 \bullet 5^1 \bullet 7^1 \bullet 103^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m6_{+24}(\downarrow M3_{-24})^1} =$

$(1) + \uparrow P4_{-19}(\downarrow P5_{+19})$

$10816 = 2^6 \bullet 13^2 = \mathbf{(1) + \updownarrow 8ve(uni)^6 + \uparrow m6_{+41}(\downarrow M3_{-41})^2} = (1) + \uparrow P4_{-19}(\downarrow P5_{+19})$

$10817 = 29^1 \bullet 373^1 = \mathbf{(1) + \uparrow m7_{+30}(\downarrow M2_{-30})^1 + \uparrow P5_{-48}(\downarrow P4_{+48})^1} = (1) + \uparrow P4_{-19}(\downarrow P5_{+19})$

$10818 = 2^1 \bullet 3^2 \bullet 601^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m3_{-23}(\downarrow M6_{+23})^1} = (1) + \uparrow P4_{-19}(\downarrow P5_{+19})$

$10819 = 31^1 \bullet 349^1 = \mathbf{(1) + \uparrow M7_{+45}(\downarrow m2_{-45})^1 + \uparrow P4_{+36}(\downarrow P5_{-36})^1} = (1) + \uparrow P4_{-18}(\downarrow P5_{+18})$

$10820 = 2^2 \bullet 5^1 \bullet 541^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m2_{-5}(\downarrow M7_{+5})^1} = (1) + \uparrow P4_{-18}(\downarrow P5_{+18})$

$10821 = 3^1 \bullet 3607^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-20}(\downarrow M2_{+20})^1} = (1) + \uparrow P4_{-18}(\downarrow P5_{+18})$

$10822 = 2^1 \bullet 7^1 \bullet 773^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow P5_{+13}(\downarrow P4_{-13})^1} = (1) + \uparrow P4_{-18}(\downarrow P5_{+18})$

$10823 = 79^1 \bullet 137^1 = \mathbf{(1) + \uparrow M3_{-35}(\downarrow m6_{+35})^1 + \uparrow m2_{+18}(\downarrow M7_{-18})^1} = (1) + \uparrow P4_{-18}(\downarrow P5_{+18})$

$10824 = 2^3 \bullet 3^1 \bullet 11^1 \bullet 41^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow M3_{+29}(\downarrow m6_{-29})^1} = (1) + \uparrow P4_{-18}(\downarrow P5_{+18})$

$10825 = 5^2 \bullet 433^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow M6_{+10}(\downarrow m3_{-10})^1} = (1) + \uparrow P4_{-18}(\downarrow P5_{+18})$

$10826 = 2^1 \bullet 5413^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P4_{-17}(\downarrow P5_{+17})^1} = (1) + \uparrow P4_{-17}(\downarrow P5_{+17})$

$10827 = 3^3 \bullet 401^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow m6_{-23}(\downarrow M3_{+23})^1} = (1) + \uparrow P4_{-17}(\downarrow P5_{+17})$

$10828 = 2^2 \bullet 2707^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P4_{-17}(\downarrow P5_{+17})^1} = (1) + \uparrow P4_{-17}(\downarrow P5_{+17})$

$10829 = 7^2 \bullet 13^1 \bullet 17^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^2 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1} = (1) + \uparrow P4_{-17}(\downarrow P5_{+17})$

$10830 = 2^1 \bullet 3^1 \bullet 5^1 \bullet 19^2 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^2} = (1) + \uparrow P4_{-17}(\downarrow P5_{+17})$

$10831 = 10831^1 = \mathbf{(1) + \uparrow P4_{-17}(\downarrow P5_{+17})}$

$10832 = 2^4 \bullet 677^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow P4_{-16}(\downarrow P5_{+16})^1} = (1) + \uparrow P4_{-16}(\downarrow P5_{+16})$

$10833 = 3^{1}\bullet 23^{1}\bullet 157^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow M3_{-46}(\downarrow m6_{+46})^{1}} = (1) + \uparrow P4_{-16}(\downarrow P5_{+16})$

$10834 = 2^{1}\bullet 5417^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P4_{-16}(\downarrow P5_{+16})^{1}} = (1) + \uparrow P4_{-16}(\downarrow P5_{+16})$

$10835 = 5^{1}\bullet 11^{1}\bullet 197^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow P5_{+46}(\downarrow P4_{-46})^{1}} = (1) + \uparrow P4_{-16}(\downarrow P5_{+16})$

$10836 = 2^{2}\bullet 3^{2}\bullet 7^{1}\bullet 43^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow P4_{+12}(\downarrow P5_{-12})^{1}} = (1) + \uparrow P4_{-16}(\downarrow P5_{+16})$

$10837 = 10837^{1} = \mathbf{(1) + \uparrow P4_{-16}(\downarrow P5_{+16})}$

$10838 = 2^{1}\bullet 5419^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P4_{-15}(\downarrow P5_{+15})^{1}} = (1) + \uparrow P4_{-15}(\downarrow P5_{+15})$

$10839 = 3^{1}\bullet 3613^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-17}(\downarrow M2_{+17})^{1}} = (1) + \uparrow P4_{-15}(\downarrow P5_{+15})$

$10840 = 2^{3}\bullet 5^{1}\bullet 271^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m2_{-1}(\downarrow M7_{+1})^{1}} = (1) + \uparrow P4_{-15}(\downarrow P5_{+15})$

$10841 = 37^{1}\bullet 293^{1} = \mathbf{(1) + \uparrow m3_{-49}(\downarrow M6_{+49})^{1} + \uparrow M2_{+34}(\downarrow m7_{-34})^{1}} = (1) + \uparrow P4_{-15}(\downarrow P5_{+15})$

$10842 = 2^{1}\bullet 3^{1}\bullet 13^{1}\bullet 139^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m2_{+43}(\downarrow M7_{-43})^{1}} = (1) + \uparrow P4_{-15}(\downarrow P5_{+15})$

$10843 = 7^{1}\bullet 1549^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow P5_{+17}(\downarrow P4_{-17})^{1}} = (1) + \uparrow P4_{-15}(\downarrow P5_{+15})$

$10844 = 2^{2}\bullet 2711^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P4_{-14}(\downarrow P5_{+14})^{1}} = (1) + \uparrow P4_{-14}(\downarrow P5_{+14})$

$10845 = 3^{2}\bullet 5^{1}\bullet 241^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M7_{-5}(\downarrow m2_{+5})^{1}} = (1) + \uparrow P4_{-14}(\downarrow P5_{+14})$

$10846 = 2^{1}\bullet 11^{1}\bullet 17^{1}\bullet 29^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1}} = (1) + \uparrow P4_{-14}(\downarrow P5_{+14})$

$10847 = 10847^{1} = \mathbf{(1) + \uparrow P4_{-14}(\downarrow P5_{+14})}$

$10848 = 2^{5}\bullet 3^{1}\bullet 113^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{5} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-16}(\downarrow M2_{+16})^{1}} = (1) + \uparrow P4_{-14}(\downarrow P5_{+14})$

$10849 = 19^{1}\bullet 571^{1} = \mathbf{(1) + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow M2_{-11}(\downarrow m7_{+11})^{1}} = (1) + \uparrow P4_{-14}(\downarrow P5_{+14})$

$10850 = 2^{1}\bullet 5^{2}\bullet 7^{1}\bullet 31^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1}} = (1) + \uparrow P4_{-14}(\downarrow P5_{+14})$

$10851 = 3^{1}\bullet 3617^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-15}(\downarrow M2_{+15})^{1}} = (1) + \uparrow P4_{-13}(\downarrow P5_{+13})$

$10852 = 2^{2}\bullet 2713^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P4_{-13}(\downarrow P5_{+13})^{1}} = (1) + \uparrow P4_{-13}(\downarrow P5_{+13})$

$10853 = 10853^{1} = \mathbf{(1) + \uparrow P4_{-13}(\downarrow P5_{+13})}$

$10854 = 2^{1}\bullet 3^{4}\bullet 67^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{4} + \uparrow m2_{-21}(\downarrow M7_{+21})^{1}} = (1) + \uparrow P4_{-13}(\downarrow P5_{+13})$

$10855 = 5^{1}\bullet 13^{1}\bullet 167^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow P4_{-40}(\downarrow P5_{+40})^{1}} = (1) + \uparrow P4_{-13}(\downarrow P5_{+13})$

$10856 = 2^{3}\bullet 23^{1}\bullet 59^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow M7_{-41}(\downarrow m2_{+41})^{1}} = (1) + \uparrow P4_{-13}(\downarrow P5_{+13})$

$10857 = 3^{1}\bullet 7^{1}\bullet 11^{1}\bullet 47^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow P5_{-34}(\downarrow P4_{+34})^{1}} = (1) + \uparrow P4_{-12}(\downarrow P5_{+12})$

$10858 = 2^{1}\bullet 61^{1}\bullet 89^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M7_{+17}(\downarrow m2_{-17})^{1} + \uparrow tt_{-29}(\downarrow tt_{+29})^{1}} = (1) + \uparrow P4_{-12}(\downarrow P5_{+12})$

$10859 = 10859^{1} = \mathbf{(1) + \uparrow P4_{-12}(\downarrow P5_{+12})}$

$10860 = 2^{2}\bullet 3^{1}\bullet 5^{1}\bullet 181^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{+0}(\downarrow tt_{-0})^{1}} = (1) + \uparrow P4_{-12}(\downarrow P5_{+12})$

$10861 = 10861^{1} = \mathbf{(1) + \uparrow P4_{-12}(\downarrow P5_{+12})}$

$10862 = 2^{1}\bullet 5431^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P4_{-12}(\downarrow P5_{+12})^{1}} = (1) + \uparrow P4_{-12}(\downarrow P5_{+12})$

$10863 = 3^{2}\bullet 17^{1}\bullet 71^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow M2_{-20}(\downarrow m7_{+20})^{1}} = (1) + \uparrow P4_{-11}(\downarrow P5_{+11})$

$10864 = 2^{4}\bullet 7^{1}\bullet 97^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow P5_{+20}(\downarrow P4_{-20})^{1}} = (1) + \uparrow P4_{-11}(\downarrow P5_{+11})$

$10865 = 5^{1}\bullet 41^{1}\bullet 53^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M3_{+29}(\downarrow m6_{-29})^{1} + \uparrow M6_{-26}(\downarrow m3_{+26})^{1}} = (1) + \uparrow P4_{-11}(\downarrow P5_{+11})$

$10866 = 2^{1}\bullet 3^{1}\bullet 1811^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-13}(\downarrow M2_{+13})^{1}} = (1) + \uparrow P4_{-11}(\downarrow P5_{+11})$

$10867 = 10867^{1} = \mathbf{(1) + \uparrow P4_{-11}(\downarrow P5_{+11})}$

$10868 = 2^{2}\bullet 11^{1}\bullet 13^{1}\bullet 19^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1}} = (1) + \uparrow P4_{-11}(\downarrow P5_{+11})$

$10869 = 3^{1}\bullet 3623^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-12}(\downarrow M2_{+12})^{1}} = (1) + \uparrow P4_{-10}(\downarrow P5_{+10})$

$10870 = 2^{1}\bullet 5^{1}\bullet 1087^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m2_{+3}(\downarrow M7_{-3})^{1}} = (1) + \uparrow P4_{-10}(\downarrow P5_{+10})$

$10871 = 7^{1}\bullet 1553^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow P5_{+21}(\downarrow P4_{-21})^{1}} = (1) + \uparrow P4_{-10}(\downarrow P5_{+10})$

$10872 = 2^{3}\bullet 3^{2}\bullet 151^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m3_{-14}(\downarrow M6_{+14})^{1}} = (1) + \uparrow P4_{-10}(\downarrow P5_{+10})$

$10873 = 83^{1}\bullet 131^{1} = \mathbf{(1) + \uparrow P4_{-50}(\downarrow P5_{+50})^{1} + \uparrow uni_{+40}(\downarrow 8ve_{-40})^{1}} = (1) + \uparrow P4_{-10}(\downarrow P5_{+10})$

$10874 = 2^{1}\bullet 5437^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P4_{-10}(\downarrow P5_{+10})^{1}} = (1) + \uparrow P4_{-10}(\downarrow P5_{+10})$

$10875 = 3^1 \bullet 5^3 \bullet 29^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^3 + \uparrow m7_{+30}(\downarrow M2_{-30})^1} = (1) + \uparrow P4_{-10}(\downarrow P5_{+10})$

$10876 = 2^2 \bullet 2719^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P4_{-9}(\downarrow P5_{+9})^1} = (1) + \uparrow P4_{-9}(\downarrow P5_{+9})$

$10877 = 73^1 \bullet 149^1 = \mathbf{(1) + \uparrow M2_{+28}(\downarrow m7_{-28})^1 + \uparrow m3_{-37}(\downarrow M6_{+37})^1} = (1) + \uparrow P4_{-9}(\downarrow P5_{+9})$

$10878 = 2^1 \bullet 3^1 \bullet 7^2 \bullet 37^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^2 + \uparrow m3_{-49}(\downarrow M6_{+49})^1} = (1) + \uparrow P4_{-9}(\downarrow P5_{+9})$

$10879 = 11^1 \bullet 23^1 \bullet 43^1 = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow P4_{+12}(\downarrow P5_{-12})^1} = (1) + \uparrow P4_{-9}(\downarrow P5_{+9})$

$10880 = 2^7 \bullet 5^1 \bullet 17^1 = \mathbf{(1) + \updownarrow 8ve(uni)^7 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1} = (1) + \uparrow P4_{-9}(\downarrow P5_{+9})$

$10881 = 3^3 \bullet 13^1 \bullet 31^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow M7_{+45}(\downarrow m2_{-45})^1} = (1) + \uparrow P4_{-9}(\downarrow P5_{+9})$

$10882 = 2^1 \bullet 5441^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P4_{-8}(\downarrow P5_{+8})^1} = (1) + \uparrow P4_{-8}(\downarrow P5_{+8})$

$10883 = 10883^1 = \mathbf{(1) + \uparrow P4_{-8}(\downarrow P5_{+8})}$

$10884 = 2^2 \bullet 3^1 \bullet 907^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-10}(\downarrow M2_{+10})^1} = (1) + \uparrow P4_{-8}(\downarrow P5_{+8})$

$10885 = 5^1 \bullet 7^1 \bullet 311^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m3_{+37}(\downarrow M6_{-37})^1} = (1) + \uparrow P4_{-8}(\downarrow P5_{+8})$

$10886 = 2^1 \bullet 5443^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P4_{-8}(\downarrow P5_{+8})^1} = (1) + \uparrow P4_{-8}(\downarrow P5_{+8})$

$10887 = 3^1 \bullet 19^1 \bullet 191^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow P5_{-7}(\downarrow P4_{+7})^1} = (1) + \uparrow P4_{-8}(\downarrow P5_{+8})$

$10888 = 2^3 \bullet 1361^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow P4_{-7}(\downarrow P5_{+7})^1} = (1) + \uparrow P4_{-7}(\downarrow P5_{+7})$

$10889 = 10889^1 = \mathbf{(1) + \uparrow P4_{-7}(\downarrow P5_{+7})}$

$10890 = 2^1 \bullet 3^2 \bullet 5^1 \bullet 11^2 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^2} = (1) + \uparrow P4_{-7}(\downarrow P5_{+7})$

$10891 = 10891^1 = \mathbf{(1) + \uparrow P4_{-7}(\downarrow P5_{+7})}$

$10892 = 2^2 \bullet 7^1 \bullet 389^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow P5_{+24}(\downarrow P4_{-24})^1} = (1) + \uparrow P4_{-7}(\downarrow P5_{+7})$

$10893 = 3^1 \bullet 3631^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-9}(\downarrow M2_{+9})^1} = (1) + \uparrow P4_{-7}(\downarrow P5_{+7})$

$10894 = 2^1 \bullet 13^1 \bullet 419^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow M6_{-47}(\downarrow m3_{+47})^1} = (1) + \uparrow P4_{-7}(\downarrow P5_{+7})$

$10895 = 5^1 \bullet 2179^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m2_{+7}(\downarrow M7_{-7})^1} = (1) + \uparrow P4_{-6}(\downarrow P5_{+6})$

$10896 = 2^4 \bullet 3^1 \bullet 227^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-8}(\downarrow M2_{+8})^1} = (1) + \uparrow P4_{-6}(\downarrow P5_{+6})$

$10897 = 17^1 \bullet 641^1 = \mathbf{(1) + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow M3_{-11}(\downarrow m6_{+11})^1} = (1) + \uparrow P4_{-6}(\downarrow P5_{+6})$

$10898 = 2^1 \bullet 5449^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P4_{-6}(\downarrow P5_{+6})^1} = (1) + \uparrow P4_{-6}(\downarrow P5_{+6})$

$10899 = 3^2 \bullet 7^1 \bullet 173^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow P4_{+22}(\downarrow P5_{-22})^1} = (1) + \uparrow P4_{-6}(\downarrow P5_{+6})$

$10900 = 2^2 \bullet 5^2 \bullet 109^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow M6_{+22}(\downarrow m3_{-22})^1} = (1) + \uparrow P4_{-6}(\downarrow P5_{+6})$

$10901 = 11^1 \bullet 991^1 = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow M7_{+43}(\downarrow m2_{-43})^1} = (1) + \uparrow P4_{-5}(\downarrow P5_{+5})$

$10902 = 2^1 \bullet 3^1 \bullet 23^1 \bullet 79^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow M3_{-35}(\downarrow m6_{+35})^1} = (1) + \uparrow P4_{-5}(\downarrow P5_{+5})$

$10903 = 10903^1 = \mathbf{(1) + \uparrow P4_{-5}(\downarrow P5_{+5})}$

$10904 = 2^3 \bullet 29^1 \bullet 47^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow m7_{+30}(\downarrow M2_{-30})^1 + \uparrow P5_{-34}(\downarrow P4_{+34})^1} = (1) + \uparrow P4_{-5}(\downarrow P5_{+5})$

$10905 = 3^1 \bullet 5^1 \bullet 727^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{+7}(\downarrow tt_{-7})^1} = (1) + \uparrow P4_{-5}(\downarrow P5_{+5})$

$10906 = 2^1 \bullet 7^1 \bullet 19^1 \bullet 41^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow M3_{+29}(\downarrow m6_{-29})^1} = (1) + \uparrow P4_{-5}(\downarrow P5_{+5})$

$10907 = 13^1 \bullet 839^1 = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow M6_{-45}(\downarrow m3_{+45})^1} = (1) + \uparrow P4_{-4}(\downarrow P5_{+4})$

$10908 = 2^2 \bullet 3^3 \bullet 101^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow m6_{-10}(\downarrow M3_{+10})^1} = (1) + \uparrow P4_{-4}(\downarrow P5_{+4})$

$10909 = 10909^1 = \mathbf{(1) + \uparrow P4_{-4}(\downarrow P5_{+4})}$

$10910 = 2^1 \bullet 5^1 \bullet 1091^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m2_{+10}(\downarrow M7_{-10})^1} = (1) + \uparrow P4_{-4}(\downarrow P5_{+4})$

$10911 = 3^1 \bullet 3637^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-6}(\downarrow M2_{+6})^1} = (1) + \uparrow P4_{-4}(\downarrow P5_{+4})$

$10912 = 2^5 \bullet 11^1 \bullet 31^1 = \mathbf{(1) + \updownarrow 8ve(uni)^5 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow M7_{+45}(\downarrow m2_{-45})^1} = (1) + \uparrow P4_{-4}(\downarrow P5_{+4})$

$10913 = 7^1 \bullet 1559^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow P5_{+28}(\downarrow P4_{-28})^1} = (1) + \uparrow P4_{-3}(\downarrow P5_{+3})$

$10914 = 2^1 \bullet 3^1 \bullet 17^1 \bullet 107^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow M6_{-10}(\downarrow m3_{+10})^1} = (1) + \uparrow P4_{-3}(\downarrow P5_{+3})$

$10915 = 5^1 \bullet 37^1 \bullet 59^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m3_{-49}(\downarrow M6_{+49})^1 + \uparrow M7_{-41}(\downarrow m2_{+41})^1} = (1) + \uparrow P4_{-3}(\downarrow P5_{+3})$

$10916 = 2^2 \bullet 2729^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P4_{-3}(\downarrow P5_{+3})^1} = (1) + \uparrow P4_{-3}(\downarrow P5_{+3})$

$10917 = 3^{2}\bullet 1213^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m3_{-7}(\downarrow M6_{+7})^{1}} = (1) + \uparrow P4_{-3}(\downarrow P5_{+3})$

$10918 = 2^{1}\bullet 53^{1}\bullet 103^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M6_{-26}(\downarrow m3_{+26})^{1} + \uparrow m6_{+24}(\downarrow M3_{-24})^{1}} = (1) + \uparrow P4_{-3}(\downarrow P5_{+3})$

$10919 = 61^{1}\bullet 179^{1} = \mathbf{(1) + \uparrow M7_{+17}(\downarrow m2_{-17})^{1} + \uparrow tt_{-19}(\downarrow tt_{+19})^{1}} = (1) + \uparrow P4_{-3}(\downarrow P5_{+3})$

$10920 = 2^{3}\bullet 3^{1}\bullet 5^{1}\bullet 7^{1}\bullet 13^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1}} =$
$(1) + \uparrow P4_{-2}(\downarrow P5_{+2})$

$10921 = 67^{1}\bullet 163^{1} = \mathbf{(1) + \uparrow m2_{-21}(\downarrow M7_{+21})^{1} + \uparrow M3_{+18}(\downarrow m6_{-18})^{1}} = (1) + \uparrow P4_{-2}(\downarrow P5_{+2})$

$10922 = 2^{1}\bullet 43^{1}\bullet 127^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P4_{+12}(\downarrow P5_{-12})^{1} + \uparrow 8ve_{-14}(\downarrow uni_{+14})^{1}} = (1) + \uparrow P4_{-2}(\downarrow P5_{+2})$

$10923 = 3^{1}\bullet 11^{1}\bullet 331^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow M3_{+45}(\downarrow m6_{-45})^{1}} = (1) + \uparrow P4_{-2}(\downarrow P5_{+2})$

$10924 = 2^{2}\bullet 2731^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P4_{-2}(\downarrow P5_{+2})^{1}} = (1) + \uparrow P4_{-2}(\downarrow P5_{+2})$

$10925 = 5^{2}\bullet 19^{1}\bullet 23^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1}} = (1) + \uparrow P4_{-2}(\downarrow P5_{+2})$

$10926 = 2^{1}\bullet 3^{2}\bullet 607^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m3_{-5}(\downarrow M6_{+5})^{1}} = (1) + \uparrow P4_{-1}(\downarrow P5_{+1})$

$10927 = 7^{2}\bullet 223^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{2} + \uparrow m7_{-39}(\downarrow M2_{+39})^{1}} = (1) + \uparrow P4_{-1}(\downarrow P5_{+1})$

$10928 = 2^{4}\bullet 683^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow P4_{-1}(\downarrow P5_{+1})^{1}} = (1) + \uparrow P4_{-1}(\downarrow P5_{+1})$

$10929 = 3^{1}\bullet 3643^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-3}(\downarrow M2_{+3})^{1}} = (1) + \uparrow P4_{-1}(\downarrow P5_{+1})$

$10930 = 2^{1}\bullet 5^{1}\bullet 1093^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m2_{+13}(\downarrow M7_{-13})^{1}} = (1) + \uparrow P4_{-1}(\downarrow P5_{+1})$

$10931 = 17^{1}\bullet 643^{1} = \mathbf{(1) + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow M3_{-6}(\downarrow m6_{+6})^{1}} = (1) + \uparrow P4_{-1}(\downarrow P5_{+1})$

$10932 = 2^{2}\bullet 3^{1}\bullet 911^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-2}(\downarrow M2_{+2})^{1}} = (1) + \uparrow P4_{+0}(\downarrow P5_{-0})$

$10933 = 13^{1}\bullet 29^{2} = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m7_{+30}(\downarrow M2_{-30})^{2}} = (1) + \uparrow P4_{+0}(\downarrow P5_{-0})$

$10934 = 2^{1}\bullet 7^{1}\bullet 11^{1}\bullet 71^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow M2_{-20}(\downarrow m7_{+20})^{1}} = (1) + \uparrow P4_{+0}(\downarrow P5_{-0})$

$10935 = 3^{7}\bullet 5^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{7} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1}} = (1) + \uparrow P4_{+0}(\downarrow P5_{-0})$

$10936 = 2^{3}\bullet 1367^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P4_{+0}(\downarrow P5_{-0})^{1}} = (1) + \uparrow P4_{+0}(\downarrow P5_{-0})$

$10937 = 10937^{1} = \mathbf{(1) + \uparrow P4_{+0}(\downarrow P5_{-0})}$

$10938 = 2^{1}\bullet 3^{1}\bullet 1823^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-1}(\downarrow M2_{+1})^{1}} = (1) + \uparrow P4_{+0}(\downarrow P5_{-0})$

$10939 = 10939^{1} = \mathbf{(1) + \uparrow P4_{+1}(\downarrow P5_{-1})}$

$10940 = 2^{2}\bullet 5^{1}\bullet 547^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m2_{+14}(\downarrow M7_{-14})^{1}} = (1) + \uparrow P4_{+1}(\downarrow P5_{-1})$

$10941 = 3^{1}\bullet 7^{1}\bullet 521^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow uni_{+30}(\downarrow 8ve_{-30})^{1}} = (1) + \uparrow P4_{+1}(\downarrow P5_{-1})$

$10942 = 2^{1}\bullet 5471^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P4_{+1}(\downarrow P5_{-1})^{1}} = (1) + \uparrow P4_{+1}(\downarrow P5_{-1})$

$10943 = 31^{1}\bullet 353^{1} = \mathbf{(1) + \uparrow M7_{+45}(\downarrow m2_{-45})^{1} + \uparrow tt_{-44}(\downarrow tt_{+44})^{1}} = (1) + \uparrow P4_{+1}(\downarrow P5_{-1})$

$10944 = 2^{6}\bullet 3^{2}\bullet 19^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{6} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1}} = (1) + \uparrow P4_{+1}(\downarrow P5_{-1})$

$10945 = 5^{1}\bullet 11^{1}\bullet 199^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m6_{-36}(\downarrow M3_{+36})^{1}} = (1) + \uparrow P4_{+2}(\downarrow P5_{-2})$

$10946 = 2^{1}\bullet 13^{1}\bullet 421^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow M6_{-39}(\downarrow m3_{+39})^{1}} = (1) + \uparrow P4_{+2}(\downarrow P5_{-2})$

$10947 = 3^{1}\bullet 41^{1}\bullet 89^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{+29}(\downarrow m6_{-29})^{1} + \uparrow tt_{-29}(\downarrow tt_{+29})^{1}} = (1) + \uparrow P4_{+2}(\downarrow P5_{-2})$

$10948 = 2^{2}\bullet 7^{1}\bullet 17^{1}\bullet 23^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1}} = (1) + \uparrow P4_{+2}(\downarrow P5_{-2})$

$10949 = 10949^{1} = \mathbf{(1) + \uparrow P4_{+2}(\downarrow P5_{-2})}$

$10950 = 2^{1}\bullet 3^{1}\bullet 5^{2}\bullet 73^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow M2_{+28}(\downarrow m7_{-28})^{1}} = (1) + \uparrow P4_{+2}(\downarrow P5_{-2})$

$10951 = 47^{1}\bullet 233^{1} = \mathbf{(1) + \uparrow P5_{-34}(\downarrow P4_{+34})^{1} + \uparrow m7_{+37}(\downarrow M2_{-37})^{1}} = (1) + \uparrow P4_{+3}(\downarrow P5_{-3})$

$10952 = 2^{3}\bullet 37^{2} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow m3_{-49}(\downarrow M6_{+49})^{2}} = (1) + \uparrow P4_{+3}(\downarrow P5_{-3})$

$10953 = 3^{2}\bullet 1217^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m3_{-1}(\downarrow M6_{+1})^{1}} = (1) + \uparrow P4_{+3}(\downarrow P5_{-3})$

$10954 = 2^{1}\bullet 5477^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P4_{+3}(\downarrow P5_{-3})^{1}} = (1) + \uparrow P4_{+3}(\downarrow P5_{-3})$

$10955 = 5^{1}\bullet 7^{1}\bullet 313^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m3_{+48}(\downarrow M6_{-48})^{1}} = (1) + \uparrow P4_{+3}(\downarrow P5_{-3})$

$10956 = 2^{2}\bullet 3^{1}\bullet 11^{1}\bullet 83^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow P4_{-50}(\downarrow P5_{+50})^{1}} = (1) + \uparrow P4_{+3}(\downarrow P5_{-3})$

$10957 = 10957^{1} = \mathbf{(1) + \uparrow P4_{+3}(\downarrow P5_{-3})}$

$10958 = 2^{1}\bullet 5479^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P4_{+4}(\downarrow P5_{-4})^{1}} = (1) + \uparrow P4_{+4}(\downarrow P5_{-4})$

$10959 = 3^{1}\bullet 13^{1}\bullet 281^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow M2_{-39}(\downarrow m7_{+39})^{1}} = (1) + \uparrow P4_{+4}(\downarrow P5_{-4})$

$10960 = 2^{4}\bullet 5^{1}\bullet 137^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m2_{+18}(\downarrow M7_{-18})^{1}} = (1) + \uparrow P4_{+4}(\downarrow P5_{-4})$

$10961 = 97^{1}\bullet 113^{1} = \mathbf{(1) + \uparrow P5_{+20}(\downarrow P4_{-20})^{1} + \uparrow m7_{-16}(\downarrow M2_{+16})^{1}} = (1) + \uparrow P4_{+4}(\downarrow P5_{-4})$

$10962 = 2^{1}\bullet 3^{3}\bullet 7^{1}\bullet 29^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1}} = (1) + \uparrow P4_{+4}(\downarrow P5_{-4})$

$10963 = 19^{1}\bullet 577^{1} = \mathbf{(1) + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow M2_{+7}(\downarrow m7_{-7})^{1}} = (1) + \uparrow P4_{+4}(\downarrow P5_{-4})$

$10964 = 2^{2}\bullet 2741^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P4_{+5}(\downarrow P5_{-5})^{1}} = (1) + \uparrow P4_{+5}(\downarrow P5_{-5})$

$10965 = 3^{1}\bullet 5^{1}\bullet 17^{1}\bullet 43^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow P4_{+12}(\downarrow P5_{-12})^{1}} = (1) + \uparrow P4_{+5}(\downarrow P5_{-5})$

$10966 = 2^{1}\bullet 5483^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P4_{+5}(\downarrow P5_{-5})^{1}} = (1) + \uparrow P4_{+5}(\downarrow P5_{-5})$

$10967 = 11^{1}\bullet 997^{1} = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow 8ve_{-46}(\downarrow uni_{+46})^{1}} = (1) + \uparrow P4_{+5}(\downarrow P5_{-5})$

$10968 = 2^{3}\bullet 3^{1}\bullet 457^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{+3}(\downarrow M2_{-3})^{1}} = (1) + \uparrow P4_{+5}(\downarrow P5_{-5})$

$10969 = 7^{1}\bullet 1567^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow P5_{+37}(\downarrow P4_{-37})^{1}} = (1) + \uparrow P4_{+5}(\downarrow P5_{-5})$

$10970 = 2^{1}\bullet 5^{1}\bullet 1097^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m2_{+19}(\downarrow M7_{-19})^{1}} = (1) + \uparrow P4_{+6}(\downarrow P5_{-6})$

$10971 = 3^{2}\bullet 23^{1}\bullet 53^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow M6_{-26}(\downarrow m3_{+26})^{1}} = (1) + \uparrow P4_{+6}(\downarrow P5_{-6})$

$10972 = 2^{2}\bullet 13^{1}\bullet 211^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow M6_{-35}(\downarrow m3_{+35})^{1}} = (1) + \uparrow P4_{+6}(\downarrow P5_{-6})$

$10973 = 10973^{1} = \mathbf{(1) + \uparrow P4_{+6}(\downarrow P5_{-6})}$

$10974 = 2^{1}\bullet 3^{1}\bullet 31^{1}\bullet 59^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1} + \uparrow M7_{-41}(\downarrow m2_{+41})^{1}} = (1) + \uparrow P4_{+6}(\downarrow P5_{-6})$

$10975 = 5^{2}\bullet 439^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow M6_{+34}(\downarrow m3_{-34})^{1}} = (1) + \uparrow P4_{+6}(\downarrow P5_{-6})$

$10976 = 2^{5}\bullet 7^{3} = \mathbf{(1) + \updownarrow 8ve(uni)^{5} + \uparrow m7_{-31}(\downarrow M2_{+31})^{3}} = (1) + \uparrow P4_{+6}(\downarrow P5_{-6})$

$10977 = 3^{1}\bullet 3659^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{+5}(\downarrow M2_{-5})^{1}} = (1) + \uparrow P4_{+7}(\downarrow P5_{-7})$

$10978 = 2^{1}\bullet 11^{1}\bullet 499^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow 8ve_{-45}(\downarrow uni_{+45})^{1}} = (1) + \uparrow P4_{+7}(\downarrow P5_{-7})$

$10979 = 10979^{1} = \mathbf{(1) + \uparrow P4_{+7}(\downarrow P5_{-7})}$

$10980 = 2^{2}\bullet 3^{2}\bullet 5^{1}\bullet 61^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M7_{+17}(\downarrow m2_{-17})^{1}} = (1) + \uparrow P4_{+7}(\downarrow P5_{-7})$

$10981 = 79^{1}\bullet 139^{1} = \mathbf{(1) + \uparrow M3_{-35}(\downarrow m6_{+35})^{1} + \uparrow m2_{+43}(\downarrow M7_{-43})^{1}} = (1) + \uparrow P4_{+7}(\downarrow P5_{-7})$

$10982 = 2^{1}\bullet 17^{2}\bullet 19^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{2} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1}} = (1) + \uparrow P4_{+7}(\downarrow P5_{-7})$

$10983 = 3^{1}\bullet 7^{1}\bullet 523^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow uni_{+37}(\downarrow 8ve_{-37})^{1}} = (1) + \uparrow P4_{+8}(\downarrow P5_{-8})$

$10984 = 2^{3}\bullet 1373^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P4_{+8}(\downarrow P5_{-8})^{1}} = (1) + \uparrow P4_{+8}(\downarrow P5_{-8})$

$10985 = 5^{1}\bullet 13^{3} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{3}} = (1) + \uparrow P4_{+8}(\downarrow P5_{-8})$

$10986 = 2^{1}\bullet 3^{1}\bullet 1831^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{+6}(\downarrow M2_{-6})^{1}} = (1) + \uparrow P4_{+8}(\downarrow P5_{-8})$

$10987 = 10987^{1} = \mathbf{(1) + \uparrow P4_{+8}(\downarrow P5_{-8})}$

$10988 = 2^{2}\bullet 41^{1}\bullet 67^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M3_{+29}(\downarrow m6_{-29})^{1} + \uparrow m2_{-21}(\downarrow M7_{+21})^{1}} = (1) + \uparrow P4_{+8}(\downarrow P5_{-8})$

$10989 = 3^{3}\bullet 11^{1}\bullet 37^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m3_{-49}(\downarrow M6_{+49})^{1}} = (1) + \uparrow P4_{+9}(\downarrow P5_{-9})$

$10990 = 2^{1}\bullet 5^{1}\bullet 7^{1}\bullet 157^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M3_{-46}(\downarrow m6_{+46})^{1}} = (1) + \uparrow P4_{+9}(\downarrow P5_{-9})$

$10991 = 29^{1}\bullet 379^{1} = \mathbf{(1) + \uparrow m7_{+30}(\downarrow M2_{-30})^{1} + \uparrow P5_{-21}(\downarrow P4_{+21})^{1}} = (1) + \uparrow P4_{+9}(\downarrow P5_{-9})$

$10992 = 2^{4}\bullet 3^{1}\bullet 229^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{+7}(\downarrow M2_{-7})^{1}} = (1) + \uparrow P4_{+9}(\downarrow P5_{-9})$

$10993 = 10993^{1} = \mathbf{(1) + \uparrow P4_{+9}(\downarrow P5_{-9})}$

$10994 = 2^{1}\bullet 23^{1}\bullet 239^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow M7_{-19}(\downarrow m2_{+19})^{1}} = (1) + \uparrow P4_{+9}(\downarrow P5_{-9})$

$10995 = 3^{1}\bullet 5^{1}\bullet 733^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{+21}(\downarrow tt_{-21})^{1}} = (1) + \uparrow P4_{+9}(\downarrow P5_{-9})$

$10996 = 2^{2}\bullet 2749^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P4_{+10}(\downarrow P5_{-10})^{1}} = (1) + \uparrow P4_{+10}(\downarrow P5_{-10})$

$10997 = 7^{1}\bullet 1571^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow P5_{+41}(\downarrow P4_{-41})^{1}} = (1) + \uparrow P4_{+10}(\downarrow P5_{-10})$

$10998 = 2^{1}\bullet 3^{2}\bullet 13^{1}\bullet 47^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow P5_{-34}(\downarrow P4_{+34})^{1}} = (1) + \uparrow P4_{+10}(\downarrow P5_{-10})$

$10999 = 17^{1}\bullet 647^{1} = \mathbf{(1) + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow M3_{+5}(\downarrow m6_{-5})^{1}} = (1) + \uparrow P4_{+10}(\downarrow P5_{-10})$

$11000 = 2^3 \bullet 5^3 \bullet 11^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow M3_{-14}(\downarrow m6_{+14})^3 + \uparrow tt_{-49}(\downarrow tt_{+49})^1} = (1) + \uparrow P4_{+10}(\downarrow P5_{-10})$

$11001 = 3^1 \bullet 19^1 \bullet 193^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow P5_{+11}(\downarrow P4_{-11})^1} = (1) + \uparrow P4_{+10}(\downarrow P5_{-10})$

$11002 = 2^1 \bullet 5501^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P4_{+11}(\downarrow P5_{-11})^1} = (1) + \uparrow P4_{+11}(\downarrow P5_{-11})$

$11003 = 11003^1 = \mathbf{(1) + \uparrow P4_{+11}(\downarrow P5_{-11})}$

$11004 = 2^2 \bullet 3^1 \bullet 7^1 \bullet 131^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow uni_{+40}(\downarrow 8ve_{-40})^1} = (1) + \uparrow P4_{+11}(\downarrow P5_{-11})$

$11005 = 5^1 \bullet 31^1 \bullet 71^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M7_{+45}(\downarrow m2_{-45})^1 + \uparrow M2_{-20}(\downarrow m7_{+20})^1} = (1) + \uparrow P4_{+11}(\downarrow P5_{-11})$

$11006 = 2^1 \bullet 5503^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P4_{+11}(\downarrow P5_{-11})^1} = (1) + \uparrow P4_{+11}(\downarrow P5_{-11})$

$11007 = 3^2 \bullet 1223^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m3_{+7}(\downarrow M6_{-7})^1} = (1) + \uparrow P4_{+11}(\downarrow P5_{-11})$

$11008 = 2^8 \bullet 43^1 = \mathbf{(1) + \updownarrow 8ve(uni)^8 + \uparrow P4_{+12}(\downarrow P5_{-12})^1} = (1) + \uparrow P4_{+12}(\downarrow P5_{-12})$

$11009 = 101^1 \bullet 109^1 = \mathbf{(1) + \uparrow m6_{-10}(\downarrow M3_{+10})^1 + \uparrow M6_{+22}(\downarrow m3_{-22})^1} = (1) + \uparrow P4_{+12}(\downarrow P5_{-12})$

$11010 = 2^1 \bullet 3^1 \bullet 5^1 \bullet 367^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{+24}(\downarrow tt_{-24})^1} = (1) + \uparrow P4_{+12}(\downarrow P5_{-12})$

$11011 = 7^1 \bullet 11^2 \bullet 13^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^2 + \uparrow m6_{+41}(\downarrow M3_{-41})^1} = (1) + \uparrow P4_{+12}(\downarrow P5_{-12})$

$11012 = 2^2 \bullet 2753^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P4_{+12}(\downarrow P5_{-12})^1} = (1) + \uparrow P4_{+12}(\downarrow P5_{-12})$

$11013 = 3^1 \bullet 3671^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{+10}(\downarrow M2_{-10})^1} = (1) + \uparrow P4_{+12}(\downarrow P5_{-12})$

$11014 = 2^1 \bullet 5507^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P4_{+12}(\downarrow P5_{-12})^1} = (1) + \uparrow P4_{+12}(\downarrow P5_{-12})$

$11015 = 5^1 \bullet 2203^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m2_{+26}(\downarrow M7_{-26})^1} = (1) + \uparrow P4_{+13}(\downarrow P5_{-13})$

$11016 = 2^3 \bullet 3^4 \bullet 17^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{+2}(\downarrow P4_{-2})^4 + \uparrow m2_{+5}(\downarrow M7_{-5})^1} = (1) + \uparrow P4_{+13}(\downarrow P5_{-13})$

$11017 = 23^1 \bullet 479^1 = \mathbf{(1) + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow M7_{-15}(\downarrow m2_{+15})^1} = (1) + \uparrow P4_{+13}(\downarrow P5_{-13})$

$11018 = 2^1 \bullet 7^1 \bullet 787^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow P5_{+44}(\downarrow P4_{-44})^1} = (1) + \uparrow P4_{+13}(\downarrow P5_{-13})$

$11019 = 3^1 \bullet 3673^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{+11}(\downarrow M2_{-11})^1} = (1) + \uparrow P4_{+13}(\downarrow P5_{-13})$

$11020 = 2^2 \bullet 5^1 \bullet 19^1 \bullet 29^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1} = (1) + \uparrow P4_{+13}(\downarrow P5_{-13})$

$11021 = 103^1 \bullet 107^1 = \mathbf{(1) + \uparrow m6_{+24}(\downarrow M3_{-24})^1 + \uparrow M6_{-10}(\downarrow m3_{+10})^1} = (1) + \uparrow P4_{+14}(\downarrow P5_{-14})$

$11022 = 2^1 \bullet 3^1 \bullet 11^1 \bullet 167^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow P4_{-40}(\downarrow P5_{+40})^1} = (1) + \uparrow P4_{+14}(\downarrow P5_{-14})$

$11023 = 73^1 \bullet 151^1 = \mathbf{(1) + \uparrow M2_{+28}(\downarrow m7_{-28})^1 + \uparrow m3_{-14}(\downarrow M6_{+14})^1} = (1) + \uparrow P4_{+14}(\downarrow P5_{-14})$

$11024 = 2^4 \bullet 13^1 \bullet 53^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow M6_{-26}(\downarrow m3_{+26})^1} = (1) + \uparrow P4_{+14}(\downarrow P5_{-14})$

$11025 = 3^2 \bullet 5^2 \bullet 7^2 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow m7_{-31}(\downarrow M2_{+31})^2} = (1) + \uparrow P4_{+14}(\downarrow P5_{-14})$

$11026 = 2^1 \bullet 37^1 \bullet 149^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m3_{-49}(\downarrow M6_{+49})^1 + \uparrow m3_{-37}(\downarrow M6_{+37})^1} = (1) + \uparrow P4_{+14}(\downarrow P5_{-14})$

$11027 = 11027^1 = \mathbf{(1) + \uparrow P4_{+15}(\downarrow P5_{-15})}$

$11028 = 2^2 \bullet 3^1 \bullet 919^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{+13}(\downarrow M2_{-13})^1} = (1) + \uparrow P4_{+15}(\downarrow P5_{-15})$

$11029 = 41^1 \bullet 269^1 = \mathbf{(1) + \uparrow M3_{+29}(\downarrow m6_{-29})^1 + \uparrow m2_{-14}(\downarrow M7_{+14})^1} = (1) + \uparrow P4_{+15}(\downarrow P5_{-15})$

$11030 = 2^1 \bullet 5^1 \bullet 1103^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m2_{+29}(\downarrow M7_{-29})^1} = (1) + \uparrow P4_{+15}(\downarrow P5_{-15})$

$11031 = 3^1 \bullet 3677^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{+13}(\downarrow M2_{-13})^1} = (1) + \uparrow P4_{+15}(\downarrow P5_{-15})$

$11032 = 2^3 \bullet 7^1 \bullet 197^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow P5_{+46}(\downarrow P4_{-46})^1} = (1) + \uparrow P4_{+15}(\downarrow P5_{-15})$

$11033 = 11^1 \bullet 17^1 \bullet 59^1 = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow M7_{-41}(\downarrow m2_{+41})^1} = (1) + \uparrow P4_{+15}(\downarrow P5_{-15})$

$11034 = 2^1 \bullet 3^2 \bullet 613^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m3_{+12}(\downarrow M6_{-12})^1} = (1) + \uparrow P4_{+16}(\downarrow P5_{-16})$

$11035 = 5^1 \bullet 2207^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m2_{+29}(\downarrow M7_{-29})^1} = (1) + \uparrow P4_{+16}(\downarrow P5_{-16})$

$11036 = 2^2 \bullet 31^1 \bullet 89^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M7_{+45}(\downarrow m2_{-45})^1 + \uparrow tt_{-29}(\downarrow tt_{+29})^1} = (1) + \uparrow P4_{+16}(\downarrow P5_{-16})$

$11037 = 3^1 \bullet 13^1 \bullet 283^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow M2_{-26}(\downarrow m7_{+26})^1} = (1) + \uparrow P4_{+16}(\downarrow P5_{-16})$

$11038 = 2^1 \bullet 5519^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P4_{+16}(\downarrow P5_{-16})^1} = (1) + \uparrow P4_{+16}(\downarrow P5_{-16})$

$11039 = 7^1 \bullet 19^1 \bullet 83^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow P4_{-50}(\downarrow P5_{+50})^1} = (1) + \uparrow P4_{+16}(\downarrow P5_{-16})$

$11040 = 2^5 \bullet 3^1 \bullet 5^1 \bullet 23^1 = \mathbf{(1) + \updownarrow 8ve(uni)^5 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1} = (1) + \uparrow P4_{+17}(\downarrow P5_{-17})$

$11041 = 61^1 \bullet 181^1 = \mathbf{(1) + \uparrow M7_{+17}(\downarrow m2_{-17})^1 + \uparrow tt_{+0}(\downarrow tt_{-0})^1} = (1) + \uparrow P4_{+17}(\downarrow P5_{-17})$

$11042 = 2^{1}\bullet 5521^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P4_{+17}(\downarrow P5_{-17})^{1}} = (1) + \uparrow P4_{+17}(\downarrow P5_{-17})$

$11043 = 3^{3}\bullet 409^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow m6_{+11}(\downarrow M3_{-11})^{1}} = (1) + \uparrow P4_{+17}(\downarrow P5_{-17})$

$11044 = 2^{2}\bullet 11^{1}\bullet 251^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow 8ve_{-34}(\downarrow uni_{+34})^{1}} = (1) + \uparrow P4_{+17}(\downarrow P5_{-17})$

$11045 = 5^{1}\bullet 47^{2} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow P5_{-34}(\downarrow P4_{+34})^{2}} = (1) + \uparrow P4_{+17}(\downarrow P5_{-17})$

$11046 = 2^{1}\bullet 3^{1}\bullet 7^{1}\bullet 263^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow uni_{+47}(\downarrow 8ve_{-47})^{1}} = (1) + \uparrow P4_{+17}(\downarrow P5_{-17})$

$11047 = 11047^{1} = \mathbf{(1) + \uparrow P4_{+18}(\downarrow P5_{-18})}$

$11048 = 2^{3}\bullet 1381^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P4_{+18}(\downarrow P5_{-18})^{1}} = (1) + \uparrow P4_{+18}(\downarrow P5_{-18})$

$11049 = 3^{1}\bullet 29^{1}\bullet 127^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1} + \uparrow 8ve_{-14}(\downarrow uni_{+14})^{1}} = (1) + \uparrow P4_{+18}(\downarrow P5_{-18})$

$11050 = 2^{1}\bullet 5^{2}\bullet 13^{1}\bullet 17^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1}} = (1) + \uparrow P4_{+18}(\downarrow P5_{-18})$

$11051 = 43^{1}\bullet 257^{1} = \mathbf{(1) + \uparrow P4_{+12}(\downarrow P5_{-12})^{1} + \uparrow uni_{+7}(\downarrow 8ve_{-7})^{1}} = (1) + \uparrow P4_{+18}(\downarrow P5_{-18})$

$11052 = 2^{2}\bullet 3^{2}\bullet 307^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m3_{+15}(\downarrow M6_{-15})^{1}} = (1) + \uparrow P4_{+18}(\downarrow P5_{-18})$

$11053 = 7^{1}\bullet 1579^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow P5_{+50}(\downarrow P4_{-50})^{1}} = (1) + \uparrow P4_{+19}(\downarrow P5_{-19})$

$11054 = 2^{1}\bullet 5527^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P4_{+19}(\downarrow P5_{-19})^{1}} = (1) + \uparrow P4_{+19}(\downarrow P5_{-19})$

$11055 = 3^{1}\bullet 5^{1}\bullet 11^{1}\bullet 67^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m2_{-21}(\downarrow M7_{+21})^{1}} = (1) + \uparrow P4_{+19}(\downarrow P5_{-19})$

$11056 = 2^{4}\bullet 691^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow P4_{+19}(\downarrow P5_{-19})^{1}} = (1) + \uparrow P4_{+19}(\downarrow P5_{-19})$

$11057 = 11057^{1} = \mathbf{(1) + \uparrow P4_{+19}(\downarrow P5_{-19})}$

$11058 = 2^{1}\bullet 3^{1}\bullet 19^{1}\bullet 97^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow P5_{+20}(\downarrow P4_{-20})^{1}} = (1) + \uparrow P4_{+19}(\downarrow P5_{-19})$

$11059 = 11059^{1} = \mathbf{(1) + \uparrow P4_{+20}(\downarrow P5_{-20})}$

$11060 = 2^{2}\bullet 5^{1}\bullet 7^{1}\bullet 79^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M3_{-35}(\downarrow m6_{+35})^{1}} = (1) + \uparrow P4_{+20}(\downarrow P5_{-20})$

$11061 = 3^{2}\bullet 1229^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m3_{+16}(\downarrow M6_{-16})^{1}} = (1) + \uparrow P4_{+20}(\downarrow P5_{-20})$

$11062 = 2^{1}\bullet 5531^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P4_{+20}(\downarrow P5_{-20})^{1}} = (1) + \uparrow P4_{+20}(\downarrow P5_{-20})$

$11063 = 13^{1}\bullet 23^{1}\bullet 37^{1} = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow m3_{-49}(\downarrow M6_{+49})^{1}} = (1) + \uparrow P4_{+20}(\downarrow P5_{-20})$

$11064 = 2^{3}\bullet 3^{1}\bullet 461^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{+18}(\downarrow M2_{-18})^{1}} = (1) + \uparrow P4_{+20}(\downarrow P5_{-20})$

$11065 = 5^{1}\bullet 2213^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m2_{+34}(\downarrow M7_{-34})^{1}} = (1) + \uparrow P4_{+20}(\downarrow P5_{-20})$

$11066 = 2^{1}\bullet 11^{1}\bullet 503^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow 8ve_{-31}(\downarrow uni_{+31})^{1}} = (1) + \uparrow P4_{+21}(\downarrow P5_{-21})$

$11067 = 3^{1}\bullet 7^{1}\bullet 17^{1}\bullet 31^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1}} = (1) + \uparrow P4_{+21}(\downarrow P5_{-21})$

$11068 = 2^{2}\bullet 2767^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P4_{+21}(\downarrow P5_{-21})^{1}} = (1) + \uparrow P4_{+21}(\downarrow P5_{-21})$

$11069 = 11069^{1} = \mathbf{(1) + \uparrow P4_{+21}(\downarrow P5_{-21})}$

$11070 = 2^{1}\bullet 3^{3}\bullet 5^{1}\bullet 41^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M3_{+29}(\downarrow m6_{-29})^{1}} = (1) + \uparrow P4_{+21}(\downarrow P5_{-21})$

$11071 = 11071^{1} = \mathbf{(1) + \uparrow P4_{+21}(\downarrow P5_{-21})}$

$11072 = 2^{6}\bullet 173^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{6} + \uparrow P4_{+22}(\downarrow P5_{-22})^{1}} = (1) + \uparrow P4_{+22}(\downarrow P5_{-22})$

$11073 = 3^{1}\bullet 3691^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{+20}(\downarrow M2_{-20})^{1}} = (1) + \uparrow P4_{+22}(\downarrow P5_{-22})$

$11074 = 2^{1}\bullet 7^{2}\bullet 113^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{2} + \uparrow m7_{-16}(\downarrow M2_{+16})^{1}} = (1) + \uparrow P4_{+22}(\downarrow P5_{-22})$

$11075 = 5^{2}\bullet 443^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow M6_{+49}(\downarrow m3_{-49})^{1}} = (1) + \uparrow P4_{+22}(\downarrow P5_{-22})$

$11076 = 2^{2}\bullet 3^{1}\bullet 13^{1}\bullet 71^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow M2_{-20}(\downarrow m7_{+20})^{1}} = (1) + \uparrow P4_{+22}(\downarrow P5_{-22})$

$11077 = 11^{1}\bullet 19^{1}\bullet 53^{1} = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow M6_{-26}(\downarrow m3_{+26})^{1}} = (1) + \uparrow P4_{+22}(\downarrow P5_{-22})$

$11078 = 2^{1}\bullet 29^{1}\bullet 191^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1} + \uparrow P5_{-7}(\downarrow P4_{+7})^{1}} = (1) + \uparrow P4_{+22}(\downarrow P5_{-22})$

$11079 = 3^{2}\bullet 1231^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m3_{+19}(\downarrow M6_{-19})^{1}} = (1) + \uparrow P4_{+23}(\downarrow P5_{-23})$

$11080 = 2^{3}\bullet 5^{1}\bullet 277^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m2_{+36}(\downarrow M7_{-36})^{1}} = (1) + \uparrow P4_{+23}(\downarrow P5_{-23})$

$11081 = 7^{1}\bullet 1583^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m6_{-46}(\downarrow M3_{+46})^{1}} = (1) + \uparrow P4_{+23}(\downarrow P5_{-23})$

$11082 = 2^{1}\bullet 3^{1}\bullet 1847^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{+21}(\downarrow M2_{-21})^{1}} = (1) + \uparrow P4_{+23}(\downarrow P5_{-23})$

$11083 = 11083^{1} = \mathbf{(1) + \uparrow P4_{+23}(\downarrow P5_{-23})}$

$11084 = 2^{2}\bullet 17^{1}\bullet 163^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow M3_{+18}(\downarrow m6_{-18})^{1}} = (1) + \uparrow P4_{+23}(\downarrow P5_{-23})$

$11085 = 3^{1}\bullet 5^{1}\bullet 739^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{+35}(\downarrow tt_{-35})^{1}} = (1) + \uparrow P4_{+24}(\downarrow P5_{-24})$

$11086 = 2^{1}\bullet 23^{1}\bullet 241^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow M7_{-5}(\downarrow m2_{+5})^{1}} = (1) + \uparrow P4_{+24}(\downarrow P5_{-24})$

$11087 = 11087^{1} = \mathbf{(1) + \uparrow P4_{+24}(\downarrow P5_{-24})}$

$11088 = 2^{4}\bullet 3^{2}\bullet 7^{1}\bullet 11^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1}} = (1) + \uparrow P4_{+24}(\downarrow P5_{-24})$

$11089 = 13^{1}\bullet 853^{1} = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow M6_{-16}(\downarrow m3_{+16})^{1}} = (1) + \uparrow P4_{+24}(\downarrow P5_{-24})$

$11090 = 2^{1}\bullet 5^{1}\bullet 1109^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m2_{+38}(\downarrow M7_{-38})^{1}} = (1) + \uparrow P4_{+24}(\downarrow P5_{-24})$

$11091 = 3^{1}\bullet 3697^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{+23}(\downarrow M2_{-23})^{1}} = (1) + \uparrow P4_{+25}(\downarrow P5_{-25})$

$11092 = 2^{2}\bullet 47^{1}\bullet 59^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{-34}(\downarrow P4_{+34})^{1} + \uparrow M7_{-41}(\downarrow m2_{+41})^{1}} = (1) + \uparrow P4_{+25}(\downarrow P5_{-25})$

$11093 = 11093^{1} = \mathbf{(1) + \uparrow P4_{+25}(\downarrow P5_{-25})}$

$11094 = 2^{1}\bullet 3^{1}\bullet 43^{2} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow P4_{+12}(\downarrow P5_{-12})^{2}} = (1) + \uparrow P4_{+25}(\downarrow P5_{-25})$

$11095 = 5^{1}\bullet 7^{1}\bullet 317^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M3_{-30}(\downarrow m6_{+30})^{1}} = (1) + \uparrow P4_{+25}(\downarrow P5_{-25})$

$11096 = 2^{3}\bullet 19^{1}\bullet 73^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow M2_{+28}(\downarrow m7_{-28})^{1}} = (1) + \uparrow P4_{+25}(\downarrow P5_{-25})$

$11097 = 3^{4}\bullet 137^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{4} + \uparrow m2_{+18}(\downarrow M7_{-18})^{1}} = (1) + \uparrow P4_{+25}(\downarrow P5_{-25})$

$11098 = 2^{1}\bullet 31^{1}\bullet 179^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1} + \uparrow tt_{-19}(\downarrow tt_{+19})^{1}} = (1) + \uparrow P4_{+26}(\downarrow P5_{-26})$

$11099 = 11^{1}\bullet 1009^{1} = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow 8ve_{-26}(\downarrow uni_{+26})^{1}} = (1) + \uparrow P4_{+26}(\downarrow P5_{-26})$

$11100 = 2^{2}\bullet 3^{1}\bullet 5^{2}\bullet 37^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow m3_{-49}(\downarrow M6_{+49})^{1}} = (1) + \uparrow P4_{+26}(\downarrow P5_{-26})$

$11101 = 17^{1}\bullet 653^{1} = \mathbf{(1) + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow M3_{+21}(\downarrow m6_{-21})^{1}} = (1) + \uparrow P4_{+26}(\downarrow P5_{-26})$

$11102 = 2^{1}\bullet 7^{1}\bullet 13^{1}\bullet 61^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow M7_{+17}(\downarrow m2_{-17})^{1}} = (1) + \uparrow P4_{+26}(\downarrow P5_{-26})$

$11103 = 3^{1}\bullet 3701^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{+24}(\downarrow M2_{-24})^{1}} = (1) + \uparrow P4_{+26}(\downarrow P5_{-26})$

$11104 = 2^{5}\bullet 347^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{5} + \uparrow P4_{+27}(\downarrow P5_{-27})^{1}} = (1) + \uparrow P4_{+27}(\downarrow P5_{-27})$

$11105 = 5^{1}\bullet 2221^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m2_{+40}(\downarrow M7_{-40})^{1}} = (1) + \uparrow P4_{+27}(\downarrow P5_{-27})$

$11106 = 2^{1}\bullet 3^{2}\bullet 617^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m3_{+23}(\downarrow M6_{-23})^{1}} = (1) + \uparrow P4_{+27}(\downarrow P5_{-27})$

$11107 = 29^{1}\bullet 383^{1} = \mathbf{(1) + \uparrow m7_{+30}(\downarrow M2_{-30})^{1} + \uparrow P5_{-3}(\downarrow P4_{+3})^{1}} = (1) + \uparrow P4_{+27}(\downarrow P5_{-27})$

$11108 = 2^{2}\bullet 2777^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P4_{+27}(\downarrow P5_{-27})^{1}} = (1) + \uparrow P4_{+27}(\downarrow P5_{-27})$

$11109 = 3^{1}\bullet 7^{1}\bullet 23^{2} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{2}} = (1) + \uparrow P4_{+27}(\downarrow P5_{-27})$

$11110 = 2^{1}\bullet 5^{1}\bullet 11^{1}\bullet 101^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m6_{-10}(\downarrow M3_{+10})^{1}} = (1) + \uparrow P4_{+27}(\downarrow P5_{-27})$

$11111 = 41^{1}\bullet 271^{1} = \mathbf{(1) + \uparrow M3_{+29}(\downarrow m6_{-29})^{1} + \uparrow m2_{-1}(\downarrow M7_{+1})^{1}} = (1) + \uparrow P4_{+28}(\downarrow P5_{-28})$

$11112 = 2^{3}\bullet 3^{1}\bullet 463^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{+26}(\downarrow M2_{-26})^{1}} = (1) + \uparrow P4_{+28}(\downarrow P5_{-28})$

$11113 = 11113^{1} = \mathbf{(1) + \uparrow P4_{+28}(\downarrow P5_{-28})}$

$11114 = 2^{1}\bullet 5557^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P4_{+28}(\downarrow P5_{-28})^{1}} = (1) + \uparrow P4_{+28}(\downarrow P5_{-28})$

$11115 = 3^{2}\bullet 5^{1}\bullet 13^{1}\bullet 19^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1}} = (1) + \uparrow P4_{+28}(\downarrow P5_{-28})$

$11116 = 2^{2}\bullet 7^{1}\bullet 397^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m6_{-40}(\downarrow M3_{+40})^{1}} = (1) + \uparrow P4_{+28}(\downarrow P5_{-28})$

$11117 = 11117^{1} = \mathbf{(1) + \uparrow P4_{+29}(\downarrow P5_{-29})}$

$11118 = 2^{1}\bullet 3^{1}\bullet 17^{1}\bullet 109^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow M6_{+22}(\downarrow m3_{-22})^{1}} = (1) + \uparrow P4_{+29}(\downarrow P5_{-29})$

$11119 = 11119^{1} = \mathbf{(1) + \uparrow P4_{+29}(\downarrow P5_{-29})}$

$11120 = 2^{4}\bullet 5^{1}\bullet 139^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m2_{+43}(\downarrow M7_{-43})^{1}} = (1) + \uparrow P4_{+29}(\downarrow P5_{-29})$

$11121 = 3^{1}\bullet 11^{1}\bullet 337^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow P4_{-24}(\downarrow P5_{+24})^{1}} = (1) + \uparrow P4_{+29}(\downarrow P5_{-29})$

$11122 = 2^{1}\bullet 67^{1}\bullet 83^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m2_{-21}(\downarrow M7_{+21})^{1} + \uparrow P4_{-50}(\downarrow P5_{+50})^{1}} = (1) + \uparrow P4_{+29}(\downarrow P5_{-29})$

$11123 = 7^{2}\bullet 227^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{2} + \uparrow m7_{-8}(\downarrow M2_{+8})^{1}} = (1) + \uparrow P4_{+30}(\downarrow P5_{-30})$

$11124 = 2^{2}\bullet 3^{3}\bullet 103^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow m6_{+24}(\downarrow M3_{-24})^{1}} = (1) + \uparrow P4_{+30}(\downarrow P5_{-30})$

$11125 = 5^{3}\bullet 89^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{3} + \uparrow tt_{-29}(\downarrow tt_{+29})^{1}} = (1) + \uparrow P4_{+30}(\downarrow P5_{-30})$

$11126 = 2^{1}\bullet 5563^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P4_{+30}(\downarrow P5_{-30})^{1}} = (1) + \uparrow P4_{+30}(\downarrow P5_{-30})$

$11127 = 3^{1}\bullet 3709^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{+28}(\downarrow M2_{-28})^{1}} = (1) + \uparrow P4_{+30}(\downarrow P5_{-30})$

$11128 = 2^{3}\bullet 13^{1}\bullet 107^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow M6_{-10}(\downarrow m3_{+10})^{1}} = (1) + \uparrow P4_{+30}(\downarrow P5_{-30})$

$11129 = 31^{1}\bullet 359^{1} = \mathbf{(1) + \uparrow M7_{+45}(\downarrow m2_{-45})^{1} + \uparrow tt_{-15}(\downarrow tt_{+15})^{1}} = (1) + \uparrow P4_{+30}(\downarrow P5_{-30})$

$11130 = 2^{1}\bullet 3^{1}\bullet 5^{1}\bullet 7^{1}\bullet 53^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M6_{-26}(\downarrow m3_{+26})^{1}} =$
$(1) + \uparrow P4_{+31}(\downarrow P5_{-31})$

$11131 = 11131^{1} = \mathbf{(1) + \uparrow P4_{+31}(\downarrow P5_{-31})}$

$11132 = 2^{2}\bullet 11^{2}\bullet 23^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow tt_{-49}(\downarrow tt_{+49})^{2} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1}} = (1) + \uparrow P4_{+31}(\downarrow P5_{-31})$

$11133 = 3^{2}\bullet 1237^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m3_{+27}(\downarrow M6_{-27})^{1}} = (1) + \uparrow P4_{+31}(\downarrow P5_{-31})$

$11134 = 2^{1}\bullet 19^{1}\bullet 293^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow M2_{+34}(\downarrow m7_{-34})^{1}} = (1) + \uparrow P4_{+31}(\downarrow P5_{-31})$

$11135 = 5^{1}\bullet 17^{1}\bullet 131^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow uni_{+40}(\downarrow 8ve_{-40})^{1}} = (1) + \uparrow P4_{+31}(\downarrow P5_{-31})$

$11136 = 2^{7}\bullet 3^{1}\bullet 29^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{7} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1}} = (1) + \uparrow P4_{+32}(\downarrow P5_{-32})$

$11137 = 7^{1}\bullet 37^{1}\bullet 43^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m3_{-49}(\downarrow M6_{+49})^{1} + \uparrow P4_{+12}(\downarrow P5_{-12})^{1}} = (1) + \uparrow P4_{+32}(\downarrow P5_{-32})$

$11138 = 2^{1}\bullet 5569^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P4_{+32}(\downarrow P5_{-32})^{1}} = (1) + \uparrow P4_{+32}(\downarrow P5_{-32})$

$11139 = 3^{1}\bullet 47^{1}\bullet 79^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow P5_{-34}(\downarrow P4_{+34})^{1} + \uparrow M3_{-35}(\downarrow m6_{+35})^{1}} = (1) + \uparrow P4_{+32}(\downarrow P5_{-32})$

$11140 = 2^{2}\bullet 5^{1}\bullet 557^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m2_{+46}(\downarrow M7_{-46})^{1}} = (1) + \uparrow P4_{+32}(\downarrow P5_{-32})$

$11141 = 13^{1}\bullet 857^{1} = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow M6_{-8}(\downarrow m3_{+8})^{1}} = (1) + \uparrow P4_{+32}(\downarrow P5_{-32})$

$11142 = 2^{1}\bullet 3^{2}\bullet 619^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m3_{+29}(\downarrow M6_{-29})^{1}} = (1) + \uparrow P4_{+32}(\downarrow P5_{-32})$

$11143 = 11^{1}\bullet 1013^{1} = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow 8ve_{-19}(\downarrow uni_{+19})^{1}} = (1) + \uparrow P4_{+33}(\downarrow P5_{-33})$

$11144 = 2^{3}\bullet 7^{1}\bullet 199^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m6_{-36}(\downarrow M3_{+36})^{1}} = (1) + \uparrow P4_{+33}(\downarrow P5_{-33})$

$11145 = 3^{1}\bullet 5^{1}\bullet 743^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{+45}(\downarrow tt_{-45})^{1}} = (1) + \uparrow P4_{+33}(\downarrow P5_{-33})$

$11146 = 2^{1}\bullet 5573^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P4_{+33}(\downarrow P5_{-33})^{1}} = (1) + \uparrow P4_{+33}(\downarrow P5_{-33})$

$11147 = 71^{1}\bullet 157^{1} = \mathbf{(1) + \uparrow M2_{-20}(\downarrow m7_{+20})^{1} + \uparrow M3_{-46}(\downarrow m6_{+46})^{1}} = (1) + \uparrow P4_{+33}(\downarrow P5_{-33})$

$11148 = 2^{2}\bullet 3^{1}\bullet 929^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{+31}(\downarrow M2_{-31})^{1}} = (1) + \uparrow P4_{+33}(\downarrow P5_{-33})$

$11149 = 11149^{1} = \mathbf{(1) + \uparrow P4_{+34}(\downarrow P5_{-34})}$

$11150 = 2^{1}\bullet 5^{2}\bullet 223^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow m7_{-39}(\downarrow M2_{+39})^{1}} = (1) + \uparrow P4_{+34}(\downarrow P5_{-34})$

$11151 = 3^{3}\bullet 7^{1}\bullet 59^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M7_{-41}(\downarrow m2_{+41})^{1}} = (1) + \uparrow P4_{+34}(\downarrow P5_{-34})$

$11152 = 2^{4}\bullet 17^{1}\bullet 41^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow M3_{+29}(\downarrow m6_{-29})^{1}} = (1) + \uparrow P4_{+34}(\downarrow P5_{-34})$

$11153 = 19^{1}\bullet 587^{1} = \mathbf{(1) + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow M2_{+37}(\downarrow m7_{-37})^{1}} = (1) + \uparrow P4_{+34}(\downarrow P5_{-34})$

$11154 = 2^{1}\bullet 3^{1}\bullet 11^{1}\bullet 13^{2} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{2}} = (1) + \uparrow P4_{+34}(\downarrow P5_{-34})$

$11155 = 5^{1}\bullet 23^{1}\bullet 97^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow P5_{+20}(\downarrow P4_{-20})^{1}} = (1) + \uparrow P4_{+34}(\downarrow P5_{-34})$

$11156 = 2^{2}\bullet 2789^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P4_{+35}(\downarrow P5_{-35})^{1}} = (1) + \uparrow P4_{+35}(\downarrow P5_{-35})$

$11157 = 3^{1}\bullet 3719^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{+33}(\downarrow M2_{-33})^{1}} = (1) + \uparrow P4_{+35}(\downarrow P5_{-35})$

$11158 = 2^{1}\bullet 7^{1}\bullet 797^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m6_{-34}(\downarrow M3_{+34})^{1}} = (1) + \uparrow P4_{+35}(\downarrow P5_{-35})$

$11159 = 11159^{1} = \mathbf{(1) + \uparrow P4_{+35}(\downarrow P5_{-35})}$

$11160 = 2^{3}\bullet 3^{2}\bullet 5^{1}\bullet 31^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1}} = (1) + \uparrow P4_{+35}(\downarrow P5_{-35})$

$11161 = 11161^{1} = \mathbf{(1) + \uparrow P4_{+35}(\downarrow P5_{-35})}$

$11162 = 2^{1}\bullet 5581^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P4_{+36}(\downarrow P5_{-36})^{1}} = (1) + \uparrow P4_{+36}(\downarrow P5_{-36})$

$11163 = 3^{1}\bullet 61^{2} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M7_{+17}(\downarrow m2_{-17})^{2}} = (1) + \uparrow P4_{+36}(\downarrow P5_{-36})$

$11164 = 2^{2}\bullet 2791^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P4_{+36}(\downarrow P5_{-36})^{1}} = (1) + \uparrow P4_{+36}(\downarrow P5_{-36})$

$11165 = 5^{1}\bullet 7^{1}\bullet 11^{1}\bullet 29^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1}} = (1) + \uparrow P4_{+36}(\downarrow P5_{-36})$

$11166 = 2^{1}\bullet 3^{1}\bullet 1861^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{+34}(\downarrow M2_{-34})^{1}} = (1) + \uparrow P4_{+36}(\downarrow P5_{-36})$

$11167 = 13^{1}\bullet 859^{1} = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow M6_{-4}(\downarrow m3_{+4})^{1}} = (1) + \uparrow P4_{+36}(\downarrow P5_{-36})$

$11168 = 2^{5}\bullet 349^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{5} + \uparrow P4_{+36}(\downarrow P5_{-36})^{1}} = (1) + \uparrow P4_{+36}(\downarrow P5_{-36})$

$11169 = 3^{2}\bullet 17^{1}\bullet 73^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow M2_{+28}(\downarrow m7_{-28})^{1}} = (1) + \uparrow P4_{+37}(\downarrow P5_{-37})$

$11170 = 2^{1}\bullet 5^{1}\bullet 1117^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M2_{-50}(\downarrow m7_{+50})^{1}} = (1) + \uparrow P4_{+37}(\downarrow P5_{-37})$

$11171 = 11171^{1} = \mathbf{(1) + \uparrow P4_{+37}(\downarrow P5_{-37})}$

$11172 = 2^{2}\bullet 3^{1}\bullet 7^{2}\bullet 19^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{2} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1}} = (1) + \uparrow P4_{+37}(\downarrow P5_{-37})$

$11173 = 11173^{1} = \mathbf{(1) + \uparrow P4_{+37}(\downarrow P5_{-37})}$

$11174 = 2^{1}\bullet 37^{1}\bullet 151^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m3_{-49}(\downarrow M6_{+49})^{1} + \uparrow m3_{-14}(\downarrow M6_{+14})^{1}} = (1) + \uparrow P4_{+37}(\downarrow P5_{-37})$

$11175 = 3^{1}\bullet 5^{2}\bullet 149^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow m3_{-37}(\downarrow M6_{+37})^{1}} = (1) + \uparrow P4_{+38}(\downarrow P5_{-38})$

$11176 = 2^{3}\bullet 11^{1}\bullet 127^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow 8ve_{-14}(\downarrow uni_{+14})^{1}} = (1) + \uparrow P4_{+38}(\downarrow P5_{-38})$

$11177 = 11177^{1} = \mathbf{(1) + \uparrow P4_{+38}(\downarrow P5_{-38})}$

$11178 = 2^{1}\bullet 3^{5}\bullet 23^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{5} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1}} = (1) + \uparrow P4_{+38}(\downarrow P5_{-38})$

$11179 = 7^{1}\bullet 1597^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m6_{-31}(\downarrow M3_{+31})^{1}} = (1) + \uparrow P4_{+38}(\downarrow P5_{-38})$

$11180 = 2^{2}\bullet 5^{1}\bullet 13^{1}\bullet 43^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow P4_{+12}(\downarrow P5_{-12})^{1}} = (1) + \uparrow P4_{+38}(\downarrow P5_{-38})$

$11181 = 3^{1}\bullet 3727^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{+37}(\downarrow M2_{-37})^{1}} = (1) + \uparrow P4_{+39}(\downarrow P5_{-39})$

$11182 = 2^{1}\bullet 5591^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P4_{+39}(\downarrow P5_{-39})^{1}} = (1) + \uparrow P4_{+39}(\downarrow P5_{-39})$

$11183 = 53^{1}\bullet 211^{1} = \mathbf{(1) + \uparrow M6_{-26}(\downarrow m3_{+26})^{1} + \uparrow M6_{-35}(\downarrow m3_{+35})^{1}} = (1) + \uparrow P4_{+39}(\downarrow P5_{-39})$

$11184 = 2^{4}\bullet 3^{1}\bullet 233^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{+37}(\downarrow M2_{-37})^{1}} = (1) + \uparrow P4_{+39}(\downarrow P5_{-39})$

$11185 = 5^{1}\bullet 2237^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M2_{-47}(\downarrow m7_{+47})^{1}} = (1) + \uparrow P4_{+39}(\downarrow P5_{-39})$

$11186 = 2^{1}\bullet 7^{1}\bullet 17^{1}\bullet 47^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow P5_{-34}(\downarrow P4_{+34})^{1}} = (1) + \uparrow P4_{+39}(\downarrow P5_{-39})$

$11187 = 3^{2}\bullet 11^{1}\bullet 113^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m7_{-16}(\downarrow M2_{+16})^{1}} = (1) + \uparrow P4_{+39}(\downarrow P5_{-39})$

$11188 = 2^{2}\bullet 2797^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P4_{+40}(\downarrow P5_{-40})^{1}} = (1) + \uparrow P4_{+40}(\downarrow P5_{-40})$

$11189 = 67^{1}\bullet 167^{1} = \mathbf{(1) + \uparrow m2_{-21}(\downarrow M7_{+21})^{1} + \uparrow P4_{-40}(\downarrow P5_{+40})^{1}} = (1) + \uparrow P4_{+40}(\downarrow P5_{-40})$

$11190 = 2^{1}\bullet 3^{1}\bullet 5^{1}\bullet 373^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow P5_{-48}(\downarrow P4_{+48})^{1}} = (1) + \uparrow P4_{+40}(\downarrow P5_{-40})$

$11191 = 19^{2}\bullet 31^{1} = \mathbf{(1) + \uparrow m3_{-2}(\downarrow M6_{+2})^{2} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1}} = (1) + \uparrow P4_{+40}(\downarrow P5_{-40})$

$11192 = 2^{3}\bullet 1399^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P4_{+40}(\downarrow P5_{-40})^{1}} = (1) + \uparrow P4_{+40}(\downarrow P5_{-40})$

$11193 = 3^{1}\bullet 7^{1}\bullet 13^{1}\bullet 41^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow M3_{+29}(\downarrow m6_{-29})^{1}} =$

$(1) + \uparrow P4_{+40}(\downarrow P5_{-40})$

$11194 = 2^{1}\bullet 29^{1}\bullet 193^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1} + \uparrow P5_{+11}(\downarrow P4_{-11})^{1}} = (1) + \uparrow P4_{+41}(\downarrow P5_{-41})$

$11195 = 5^{1}\bullet 2239^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M2_{-46}(\downarrow m7_{+46})^{1}} = (1) + \uparrow P4_{+41}(\downarrow P5_{-41})$

$11196 = 2^{2}\bullet 3^{2}\bullet 311^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m3_{+37}(\downarrow M6_{-37})^{1}} = (1) + \uparrow P4_{+41}(\downarrow P5_{-41})$

$11197 = 11197^{1} = \mathbf{(1) + \uparrow P4_{+41}(\downarrow P5_{-41})}$

$11198 = 2^{1}\bullet 11^{1}\bullet 509^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow 8ve_{-10}(\downarrow uni_{+10})^{1}} = (1) + \uparrow P4_{+41}(\downarrow P5_{-41})$

$11199 = 3^{1}\bullet 3733^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{+39}(\downarrow M2_{-39})^{1}} = (1) + \uparrow P4_{+41}(\downarrow P5_{-41})$

$11200 = 2^{6}\bullet 5^{2}\bullet 7^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{6} + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1}} = (1) + \uparrow P4_{+41}(\downarrow P5_{-41})$

$11201 = 23^{1}\bullet 487^{1} = \mathbf{(1) + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow M7_{+13}(\downarrow m2_{-13})^{1}} = (1) + \uparrow P4_{+42}(\downarrow P5_{-42})$

$11202 = 2^{1}\bullet 3^{1}\bullet 1867^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{+40}(\downarrow M2_{-40})^{1}} = (1) + \uparrow P4_{+42}(\downarrow P5_{-42})$

$11203 = 17^{1}\bullet 659^{1} = \mathbf{(1) + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow M3_{+37}(\downarrow m6_{-37})^{1}} = (1) + \uparrow P4_{+42}(\downarrow P5_{-42})$

$11204 = 2^{2}\bullet 2801^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P4_{+42}(\downarrow P5_{-42})^{1}} = (1) + \uparrow P4_{+42}(\downarrow P5_{-42})$

$11205 = 3^{3}\bullet 5^{1}\bullet 83^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow P4_{-50}(\downarrow P5_{+50})^{1}} = (1) + \uparrow P4_{+42}(\downarrow P5_{-42})$

$11206 = 2^{1}\bullet 13^{1}\bullet 431^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow M6_{+2}(\downarrow m3_{-2})^{1}} = (1) + \uparrow P4_{+42}(\downarrow P5_{-42})$

$11207 = 7^{1}\bullet 1601^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m6_{-26}(\downarrow M3_{+26})^{1}} = (1) + \uparrow P4_{+43}(\downarrow P5_{-43})$

$11208 = 2^3 \bullet 3^1 \bullet 467^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{+41}(\downarrow M2_{-41})^1} = (1) + \uparrow P4_{+43}(\downarrow P5_{-43})$

$11209 = 11^1 \bullet 1019^1 = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow 8ve_{-8}(\downarrow uni_{+8})^1} = (1) + \uparrow P4_{+43}(\downarrow P5_{-43})$

$11210 = 2^1 \bullet 5^1 \bullet 19^1 \bullet 59^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow M7_{-41}(\downarrow m2_{+41})^1} = (1) + \uparrow P4_{+43}(\downarrow P5_{-43})$

$11211 = 3^1 \bullet 37^1 \bullet 101^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m3_{-49}(\downarrow M6_{+49})^1 + \uparrow m6_{-10}(\downarrow M3_{+10})^1} = (1) + \uparrow P4_{+43}(\downarrow P5_{-43})$

$11212 = 2^2 \bullet 2803^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P4_{+43}(\downarrow P5_{-43})^1} = (1) + \uparrow P4_{+43}(\downarrow P5_{-43})$

$11213 = 11213^1 = \mathbf{(1) + \uparrow P4_{+43}(\downarrow P5_{-43})}$

$11214 = 2^1 \bullet 3^2 \bullet 7^1 \bullet 89^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow tt_{-29}(\downarrow tt_{+29})^1} = (1) + \uparrow P4_{+44}(\downarrow P5_{-44})$

$11215 = 5^1 \bullet 2243^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M2_{-43}(\downarrow m7_{+43})^1} = (1) + \uparrow P4_{+44}(\downarrow P5_{-44})$

$11216 = 2^4 \bullet 701^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow P4_{+44}(\downarrow P5_{-44})^1} = (1) + \uparrow P4_{+44}(\downarrow P5_{-44})$

$11217 = 3^1 \bullet 3739^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{+42}(\downarrow M2_{-42})^1} = (1) + \uparrow P4_{+44}(\downarrow P5_{-44})$

$11218 = 2^1 \bullet 71^1 \bullet 79^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M2_{-20}(\downarrow m7_{+20})^1 + \uparrow M3_{-35}(\downarrow m6_{+35})^1} = (1) + \uparrow P4_{+44}(\downarrow P5_{-44})$

$11219 = 13^1 \bullet 863^1 = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow M6_{+4}(\downarrow m3_{-4})^1} = (1) + \uparrow P4_{+44}(\downarrow P5_{-44})$

$11220 = 2^2 \bullet 3^1 \bullet 5^1 \bullet 11^1 \bullet 17^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1} =$
$(1) + \uparrow P4_{+45}(\downarrow P5_{-45})$

$11221 = 7^2 \bullet 229^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^2 + \uparrow m7_{+7}(\downarrow M2_{-7})^1} = (1) + \uparrow P4_{+45}(\downarrow P5_{-45})$

$11222 = 2^1 \bullet 31^1 \bullet 181^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M7_{+45}(\downarrow m2_{-45})^1 + \uparrow tt_{+0}(\downarrow tt_{-0})^1} = (1) + \uparrow P4_{+45}(\downarrow P5_{-45})$

$11223 = 3^2 \bullet 29^1 \bullet 43^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m7_{+30}(\downarrow M2_{-30})^1 + \uparrow P4_{+12}(\downarrow P5_{-12})^1} = (1) + \uparrow P4_{+45}(\downarrow P5_{-45})$

$11224 = 2^3 \bullet 23^1 \bullet 61^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow M7_{+17}(\downarrow m2_{-17})^1} = (1) + \uparrow P4_{+45}(\downarrow P5_{-45})$

$11225 = 5^2 \bullet 449^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow m7_{-27}(\downarrow M2_{+27})^1} = (1) + \uparrow P4_{+45}(\downarrow P5_{-45})$

$11226 = 2^1 \bullet 3^1 \bullet 1871^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{+44}(\downarrow M2_{-44})^1} = (1) + \uparrow P4_{+45}(\downarrow P5_{-45})$

$11227 = 103^1 \bullet 109^1 = \mathbf{(1) + \uparrow m6_{+24}(\downarrow M3_{-24})^1 + \uparrow M6_{+22}(\downarrow m3_{-22})^1} = (1) + \uparrow P4_{+46}(\downarrow P5_{-46})$

$11228 = 2^2 \bullet 7^1 \bullet 401^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m6_{-23}(\downarrow M3_{+23})^1} = (1) + \uparrow P4_{+46}(\downarrow P5_{-46})$

$11229 = 3^1 \bullet 19^1 \bullet 197^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow P5_{+46}(\downarrow P4_{-46})^1} = (1) + \uparrow P4_{+46}(\downarrow P5_{-46})$

$11230 = 2^1 \bullet 5^1 \bullet 1123^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M2_{-40}(\downarrow m7_{+40})^1} = (1) + \uparrow P4_{+46}(\downarrow P5_{-46})$

$11231 = 11^1 \bullet 1021^1 = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow 8ve_{-5}(\downarrow uni_{+5})^1} = (1) + \uparrow P4_{+46}(\downarrow P5_{-46})$

$11232 = 2^5 \bullet 3^3 \bullet 13^1 = \mathbf{(1) + \updownarrow 8ve(uni)^5 + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow m6_{+41}(\downarrow M3_{-41})^1} = (1) + \uparrow P4_{+46}(\downarrow P5_{-46})$

$11233 = 47^1 \bullet 239^1 = \mathbf{(1) + \uparrow P5_{-34}(\downarrow P4_{+34})^1 + \uparrow M7_{-19}(\downarrow m2_{+19})^1} = (1) + \uparrow P4_{+47}(\downarrow P5_{-47})$

$11234 = 2^1 \bullet 41^1 \bullet 137^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{+29}(\downarrow m6_{-29})^1 + \uparrow m2_{+18}(\downarrow M7_{-18})^1} = (1) + \uparrow P4_{+47}(\downarrow P5_{-47})$

$11235 = 3^1 \bullet 5^1 \bullet 7^1 \bullet 107^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M6_{-10}(\downarrow m3_{+10})^1} =$
$(1) + \uparrow P4_{+47}(\downarrow P5_{-47})$

$11236 = 2^2 \bullet 53^2 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M6_{-26}(\downarrow m3_{+26})^2} = (1) + \uparrow P4_{+47}(\downarrow P5_{-47})$

$11237 = 17^1 \bullet 661^1 = \mathbf{(1) + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow M3_{+42}(\downarrow m6_{-42})^1} = (1) + \uparrow P4_{+47}(\downarrow P5_{-47})$

$11238 = 2^1 \bullet 3^1 \bullet 1873^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{+45}(\downarrow M2_{-45})^1} = (1) + \uparrow P4_{+47}(\downarrow P5_{-47})$

$11239 = 11239^1 = \mathbf{(1) + \uparrow P4_{+47}(\downarrow P5_{-47})}$

$11240 = 2^3 \bullet 5^1 \bullet 281^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M2_{-39}(\downarrow m7_{+39})^1} = (1) + \uparrow P4_{+48}(\downarrow P5_{-48})$

$11241 = 3^2 \bullet 1249^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m3_{+44}(\downarrow M6_{-44})^1} = (1) + \uparrow P4_{+48}(\downarrow P5_{-48})$

$11242 = 2^1 \bullet 7^1 \bullet 11^1 \bullet 73^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow M2_{+28}(\downarrow m7_{-28})^1} = (1) + \uparrow P4_{+48}(\downarrow P5_{-48})$

$11243 = 11243^1 = \mathbf{(1) + \uparrow P4_{+48}(\downarrow P5_{-48})}$

$11244 = 2^2 \bullet 3^1 \bullet 937^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{+46}(\downarrow M2_{-46})^1} = (1) + \uparrow P4_{+48}(\downarrow P5_{-48})$

$11245 = 5^1 \bullet 13^1 \bullet 173^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow P4_{+22}(\downarrow P5_{-22})^1} = (1) + \uparrow P4_{+48}(\downarrow P5_{-48})$

$11246 = 2^1 \bullet 5623^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P4_{+49}(\downarrow P5_{-49})^1} = (1) + \uparrow P4_{+49}(\downarrow P5_{-49})$

$11247 = 3^1 \bullet 23^1 \bullet 163^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow M3_{+18}(\downarrow m6_{-18})^1} = (1) + \uparrow P4_{+49}(\downarrow P5_{-49})$

$11248 = 2^{4}\bullet19^{1}\bullet37^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow m3_{-49}(\downarrow M6_{+49})^{1}} = (1) + \uparrow P4_{+49}(\downarrow P5_{-49})$

$11249 = 7^{1}\bullet1607^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m6_{-20}(\downarrow M3_{+20})^{1}} = (1) + \uparrow P4_{+49}(\downarrow P5_{-49})$

$11250 = 2^{1}\bullet3^{2}\bullet5^{4} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{4}} = (1) + \uparrow P4_{+49}(\downarrow P5_{-49})$

$11251 = 11251^{1} = \mathbf{(1) + \uparrow P4_{+49}(\downarrow P5_{-49})}$

$11252 = 2^{2}\bullet29^{1}\bullet97^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1} + \uparrow P5_{+20}(\downarrow P4_{-20})^{1}} = (1) + \uparrow P4_{+49}(\downarrow P5_{-49})$

$11253 = 3^{1}\bullet11^{2}\bullet31^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{2} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1}} = (1) + \uparrow P4_{+50}(\downarrow P5_{-50})$

$11254 = 2^{1}\bullet17^{1}\bullet331^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow M3_{+45}(\downarrow m6_{-45})^{1}} = (1) + \uparrow P4_{+50}(\downarrow P5_{-50})$

$11255 = 5^{1}\bullet2251^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M2_{-36}(\downarrow m7_{+36})^{1}} = (1) + \uparrow P4_{+50}(\downarrow P5_{-50})$

$11256 = 2^{3}\bullet3^{1}\bullet7^{1}\bullet67^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m2_{-21}(\downarrow M7_{+21})^{1}} = (1) + \uparrow tt_{-50}(\downarrow tt_{+50})$

$11257 = 11257^{1} = \mathbf{(1) + \uparrow tt_{-50}(\downarrow tt_{+50})}$

$11258 = 2^{1}\bullet13^{1}\bullet433^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow M6_{+10}(\downarrow m3_{-10})^{1}} = (1) + \uparrow tt_{-50}(\downarrow tt_{+50})$

$11259 = 3^{4}\bullet139^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{4} + \uparrow m2_{+43}(\downarrow M7_{-43})^{1}} = (1) + \uparrow tt_{-49}(\downarrow tt_{+49})$

$11260 = 2^{2}\bullet5^{1}\bullet563^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M2_{-36}(\downarrow m7_{+36})^{1}} = (1) + \uparrow tt_{-49}(\downarrow tt_{+49})$

$11261 = 11261^{1} = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})}$

$11262 = 2^{1}\bullet3^{1}\bullet1877^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{+49}(\downarrow M2_{-49})^{1}} = (1) + \uparrow tt_{-49}(\downarrow tt_{+49})$

$11263 = 7^{1}\bullet1609^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m6_{-18}(\downarrow M3_{+18})^{1}} = (1) + \uparrow tt_{-49}(\downarrow tt_{+49})$

$11264 = 2^{10}\bullet11^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{10} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1}} = (1) + \uparrow tt_{-49}(\downarrow tt_{+49})$

$11265 = 3^{1}\bullet5^{1}\bullet751^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow P5_{-37}(\downarrow P4_{+37})^{1}} = (1) + \uparrow tt_{-49}(\downarrow tt_{+49})$

$11266 = 2^{1}\bullet43^{1}\bullet131^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P4_{+12}(\downarrow P5_{-12})^{1} + \uparrow uni_{+40}(\downarrow 8ve_{-40})^{1}} = (1) + \uparrow tt_{-48}(\downarrow tt_{+48})$

$11267 = 19^{1}\bullet593^{1} = \mathbf{(1) + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow m3_{-46}(\downarrow M6_{+46})^{1}} = (1) + \uparrow tt_{-48}(\downarrow tt_{+48})$

$11268 = 2^{2}\bullet3^{2}\bullet313^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m3_{+48}(\downarrow M6_{-48})^{1}} = (1) + \uparrow tt_{-48}(\downarrow tt_{+48})$

$11269 = 59^{1}\bullet191^{1} = \mathbf{(1) + \uparrow M7_{-41}(\downarrow m2_{+41})^{1} + \uparrow P5_{-7}(\downarrow P4_{+7})^{1}} = (1) + \uparrow tt_{-48}(\downarrow tt_{+48})$

$11270 = 2^{1}\bullet5^{1}\bullet7^{2}\bullet23^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{2} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1}} = (1) + \uparrow tt_{-48}(\downarrow tt_{+48})$

$11271 = 3^{1}\bullet13^{1}\bullet17^{2} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{2}} = (1) + \uparrow tt_{-48}(\downarrow tt_{+48})$

$11272 = 2^{3}\bullet1409^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow tt_{-47}(\downarrow tt_{+47})^{1}} = (1) + \uparrow tt_{-47}(\downarrow tt_{+47})$

$11273 = 11273^{1} = \mathbf{(1) + \uparrow tt_{-47}(\downarrow tt_{+47})}$

$11274 = 2^{1}\bullet3^{1}\bullet1879^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M7_{-49}(\downarrow m2_{+49})^{1}} = (1) + \uparrow tt_{-47}(\downarrow tt_{+47})$

$11275 = 5^{2}\bullet11^{1}\bullet41^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow M3_{+29}(\downarrow m6_{-29})^{1}} = (1) + \uparrow tt_{-47}(\downarrow tt_{+47})$

$11276 = 2^{2}\bullet2819^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow tt_{-47}(\downarrow tt_{+47})^{1}} = (1) + \uparrow tt_{-47}(\downarrow tt_{+47})$

$11277 = 3^{2}\bullet7^{1}\bullet179^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow tt_{-19}(\downarrow tt_{+19})^{1}} = (1) + \uparrow tt_{-47}(\downarrow tt_{+47})$

$11278 = 2^{1}\bullet5639^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow tt_{-47}(\downarrow tt_{+47})^{1}} = (1) + \uparrow tt_{-47}(\downarrow tt_{+47})$

$11279 = 11279^{1} = \mathbf{(1) + \uparrow tt_{-46}(\downarrow tt_{+46})}$

$11280 = 2^{4}\bullet3^{1}\bullet5^{1}\bullet47^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow P5_{-34}(\downarrow P4_{+34})^{1}} = (1) + \uparrow tt_{-46}(\downarrow tt_{+46})$

$11281 = 29^{1}\bullet389^{1} = \mathbf{(1) + \uparrow m7_{+30}(\downarrow M2_{-30})^{1} + \uparrow P5_{+24}(\downarrow P4_{-24})^{1}} = (1) + \uparrow tt_{-46}(\downarrow tt_{+46})$

$11282 = 2^{1}\bullet5641^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow tt_{-46}(\downarrow tt_{+46})^{1}} = (1) + \uparrow tt_{-46}(\downarrow tt_{+46})$

$11283 = 3^{1}\bullet3761^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M7_{-48}(\downarrow m2_{+48})^{1}} = (1) + \uparrow tt_{-46}(\downarrow tt_{+46})$

$11284 = 2^{2}\bullet7^{1}\bullet13^{1}\bullet31^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1}} = (1) + \uparrow tt_{-46}(\downarrow tt_{+46})$

$11285 = 5^{1}\bullet37^{1}\bullet61^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m3_{-49}(\downarrow M6_{+49})^{1} + \uparrow M7_{+17}(\downarrow m2_{-17})^{1}} = (1) + \uparrow tt_{-45}(\downarrow tt_{+45})$

$11286 = 2^{1}\bullet3^{3}\bullet11^{1}\bullet19^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1}} = (1) + \uparrow tt_{-45}(\downarrow tt_{+45})$

$11287 = 11287^{1} = \mathbf{(1) + \uparrow tt_{-45}(\downarrow tt_{+45})}$

$11288 = 2^{3}\bullet17^{1}\bullet83^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow P4_{-50}(\downarrow P5_{+50})^{1}} = (1) + \uparrow tt_{-45}(\downarrow tt_{+45})$

$11289 = 3^{1}\bullet53^{1}\bullet71^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M6_{-26}(\downarrow m3_{+26})^{1} + \uparrow M2_{-20}(\downarrow m7_{+20})^{1}} = (1) + \uparrow tt_{-45}(\downarrow tt_{+45})$

$11290 = 2^1 \bullet 5^1 \bullet 1129^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M2_{-31}(\downarrow m7_{+31})^1} = (1) + \uparrow tt_{-45}(\downarrow tt_{+45})$

$11291 = 7^1 \bullet 1613^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m6_{-13}(\downarrow M3_{+13})^1} = (1) + \uparrow tt_{-45}(\downarrow tt_{+45})$

$11292 = 2^2 \bullet 3^1 \bullet 941^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M7_{-46}(\downarrow m2_{+46})^1} = (1) + \uparrow tt_{-44}(\downarrow tt_{+44})$

$11293 = 23^1 \bullet 491^1 = \mathbf{(1) + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow M7_{+27}(\downarrow m2_{-27})^1} = (1) + \uparrow tt_{-44}(\downarrow tt_{+44})$

$11294 = 2^1 \bullet 5647^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow tt_{-44}(\downarrow tt_{+44})^1} = (1) + \uparrow tt_{-44}(\downarrow tt_{+44})$

$11295 = 3^2 \bullet 5^1 \bullet 251^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow 8ve_{-34}(\downarrow uni_{+34})^1} = (1) + \uparrow tt_{-44}(\downarrow tt_{+44})$

$11296 = 2^5 \bullet 353^1 = \mathbf{(1) + \updownarrow 8ve(uni)^5 + \uparrow tt_{-44}(\downarrow tt_{+44})^1} = (1) + \uparrow tt_{-44}(\downarrow tt_{+44})$

$11297 = 11^1 \bullet 13^1 \bullet 79^1 = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow M3_{-35}(\downarrow m6_{+35})^1} = (1) + \uparrow tt_{-44}(\downarrow tt_{+44})$

$11298 = 2^1 \bullet 3^1 \bullet 7^1 \bullet 269^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m2_{-14}(\downarrow M7_{+14})^1} = (1) + \uparrow tt_{-43}(\downarrow tt_{+43})$

$11299 = 11299^1 = \mathbf{(1) + \uparrow tt_{-43}(\downarrow tt_{+43})}$

$11300 = 2^2 \bullet 5^2 \bullet 113^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow m7_{-16}(\downarrow M2_{+16})^1} = (1) + \uparrow tt_{-43}(\downarrow tt_{+43})$

$11301 = 3^1 \bullet 3767^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M7_{-45}(\downarrow m2_{+45})^1} = (1) + \uparrow tt_{-43}(\downarrow tt_{+43})$

$11302 = 2^1 \bullet 5651^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow tt_{-43}(\downarrow tt_{+43})^1} = (1) + \uparrow tt_{-43}(\downarrow tt_{+43})$

$11303 = 89^1 \bullet 127^1 = \mathbf{(1) + \uparrow tt_{-29}(\downarrow tt_{+29})^1 + \uparrow 8ve_{-14}(\downarrow uni_{+14})^1} = (1) + \uparrow tt_{-43}(\downarrow tt_{+43})$

$11304 = 2^3 \bullet 3^2 \bullet 157^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M3_{-46}(\downarrow m6_{+46})^1} = (1) + \uparrow tt_{-43}(\downarrow tt_{+43})$

$11305 = 5^1 \bullet 7^1 \bullet 17^1 \bullet 19^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1} = (1) + \uparrow tt_{-42}(\downarrow tt_{+42})$

$11306 = 2^1 \bullet 5653^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow tt_{-42}(\downarrow tt_{+42})^1} = (1) + \uparrow tt_{-42}(\downarrow tt_{+42})$

$11307 = 3^1 \bullet 3769^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M7_{-44}(\downarrow m2_{+44})^1} = (1) + \uparrow tt_{-42}(\downarrow tt_{+42})$

$11308 = 2^2 \bullet 11^1 \bullet 257^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow uni_{+7}(\downarrow 8ve_{-7})^1} = (1) + \uparrow tt_{-42}(\downarrow tt_{+42})$

$11309 = 43^1 \bullet 263^1 = \mathbf{(1) + \uparrow P4_{+12}(\downarrow P5_{-12})^1 + \uparrow uni_{+47}(\downarrow 8ve_{-47})^1} = (1) + \uparrow tt_{-42}(\downarrow tt_{+42})$

$11310 = 2^1 \bullet 3^1 \bullet 5^1 \bullet 13^1 \bullet 29^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1} =$
$(1) + \uparrow tt_{-42}(\downarrow tt_{+42})$

$11311 = 11311^1 = \mathbf{(1) + \uparrow tt_{-41}(\downarrow tt_{+41})}$

$11312 = 2^4 \bullet 7^1 \bullet 101^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m6_{-10}(\downarrow M3_{+10})^1} = (1) + \uparrow tt_{-41}(\downarrow tt_{+41})$

$11313 = 3^3 \bullet 419^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow M6_{-47}(\downarrow m3_{+47})^1} = (1) + \uparrow tt_{-41}(\downarrow tt_{+41})$

$11314 = 2^1 \bullet 5657^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow tt_{-41}(\downarrow tt_{+41})^1} = (1) + \uparrow tt_{-41}(\downarrow tt_{+41})$

$11315 = 5^1 \bullet 31^1 \bullet 73^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M7_{+45}(\downarrow m2_{-45})^1 + \uparrow M2_{+28}(\downarrow m7_{-28})^1} = (1) + \uparrow tt_{-41}(\downarrow tt_{+41})$

$11316 = 2^2 \bullet 3^1 \bullet 23^1 \bullet 41^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow M3_{+29}(\downarrow m6_{-29})^1} = (1) + \uparrow tt_{-41}(\downarrow tt_{+41})$

$11317 = 11317^1 = \mathbf{(1) + \uparrow tt_{-41}(\downarrow tt_{+41})}$

$11318 = 2^1 \bullet 5659^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow tt_{-40}(\downarrow tt_{+40})^1} = (1) + \uparrow tt_{-40}(\downarrow tt_{+40})$

$11319 = 3^1 \bullet 7^3 \bullet 11^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^3 + \uparrow tt_{-49}(\downarrow tt_{+49})^1} = (1) + \uparrow tt_{-40}(\downarrow tt_{+40})$

$11320 = 2^3 \bullet 5^1 \bullet 283^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M2_{-26}(\downarrow m7_{+26})^1} = (1) + \uparrow tt_{-40}(\downarrow tt_{+40})$

$11321 = 11321^1 = \mathbf{(1) + \uparrow tt_{-40}(\downarrow tt_{+40})}$

$11322 = 2^1 \bullet 3^2 \bullet 17^1 \bullet 37^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow m3_{-49}(\downarrow M6_{+49})^1} = (1) + \uparrow tt_{-40}(\downarrow tt_{+40})$

$11323 = 13^2 \bullet 67^1 = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^2 + \uparrow m2_{-21}(\downarrow M7_{+21})^1} = (1) + \uparrow tt_{-40}(\downarrow tt_{+40})$

$11324 = 2^2 \bullet 19^1 \bullet 149^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow m3_{-37}(\downarrow M6_{+37})^1} = (1) + \uparrow tt_{-39}(\downarrow tt_{+39})$

$11325 = 3^1 \bullet 5^2 \bullet 151^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow m3_{-14}(\downarrow M6_{+14})^1} = (1) + \uparrow tt_{-39}(\downarrow tt_{+39})$

$11326 = 2^1 \bullet 7^1 \bullet 809^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m6_{-8}(\downarrow M3_{+8})^1} = (1) + \uparrow tt_{-39}(\downarrow tt_{+39})$

$11327 = 47^1 \bullet 241^1 = \mathbf{(1) + \uparrow P5_{-34}(\downarrow P4_{+34})^1 + \uparrow M7_{-5}(\downarrow m2_{+5})^1} = (1) + \uparrow tt_{-39}(\downarrow tt_{+39})$

$11328 = 2^6 \bullet 3^1 \bullet 59^1 = \mathbf{(1) + \updownarrow 8ve(uni)^6 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M7_{-41}(\downarrow m2_{+41})^1} = (1) + \uparrow tt_{-39}(\downarrow tt_{+39})$

$11329 = 11329^1 = \mathbf{(1) + \uparrow tt_{-39}(\downarrow tt_{+39})}$

$11330 = 2^1 \bullet 5^1 \bullet 11^1 \bullet 103^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m6_{+24}(\downarrow M3_{-24})^1} = (1) + \uparrow tt_{-39}(\downarrow tt_{+39})$

$11331 = 3^{2}\bullet 1259^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M3_{-42}(\downarrow m6_{+42})^{1}} = (1) + \uparrow tt_{-38}(\downarrow tt_{+38})$

$11332 = 2^{2}\bullet 2833^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow tt_{-38}(\downarrow tt_{+38})^{1}} = (1) + \uparrow tt_{-38}(\downarrow tt_{+38})$

$11333 = 7^{1}\bullet 1619^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m6_{-7}(\downarrow M3_{+7})^{1}} = (1) + \uparrow tt_{-38}(\downarrow tt_{+38})$

$11334 = 2^{1}\bullet 3^{1}\bullet 1889^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M7_{-40}(\downarrow m2_{+40})^{1}} = (1) + \uparrow tt_{-38}(\downarrow tt_{+38})$

$11335 = 5^{1}\bullet 2267^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M2_{-24}(\downarrow m7_{+24})^{1}} = (1) + \uparrow tt_{-38}(\downarrow tt_{+38})$

$11336 = 2^{3}\bullet 13^{1}\bullet 109^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow M6_{+22}(\downarrow m3_{-22})^{1}} = (1) + \uparrow tt_{-38}(\downarrow tt_{+38})$

$11337 = 3^{1}\bullet 3779^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M7_{-39}(\downarrow m2_{+39})^{1}} = (1) + \uparrow tt_{-37}(\downarrow tt_{+37})$

$11338 = 2^{1}\bullet 5669^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow tt_{-37}(\downarrow tt_{+37})^{1}} = (1) + \uparrow tt_{-37}(\downarrow tt_{+37})$

$11339 = 17^{1}\bullet 23^{1}\bullet 29^{1} = \mathbf{(1) + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1}} = (1) + \uparrow tt_{-37}(\downarrow tt_{+37})$

$11340 = 2^{2}\bullet 3^{4}\bullet 5^{1}\bullet 7^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{4} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1}} = (1) + \uparrow tt_{-37}(\downarrow tt_{+37})$

$11341 = 11^{1}\bullet 1031^{1} = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow uni_{+12}(\downarrow 8ve_{-12})^{1}} = (1) + \uparrow tt_{-37}(\downarrow tt_{+37})$

$11342 = 2^{1}\bullet 53^{1}\bullet 107^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M6_{-26}(\downarrow m3_{+26})^{1} + \uparrow M6_{-10}(\downarrow m3_{+10})^{1}} = (1) + \uparrow tt_{-37}(\downarrow tt_{+37})$

$11343 = 3^{1}\bullet 19^{1}\bullet 199^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow m6_{-36}(\downarrow M3_{+36})^{1}} = (1) + \uparrow tt_{-37}(\downarrow tt_{+37})$

$11344 = 2^{4}\bullet 709^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow tt_{-36}(\downarrow tt_{+36})^{1}} = (1) + \uparrow tt_{-36}(\downarrow tt_{+36})$

$11345 = 5^{1}\bullet 2269^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M2_{-23}(\downarrow m7_{+23})^{1}} = (1) + \uparrow tt_{-36}(\downarrow tt_{+36})$

$11346 = 2^{1}\bullet 3^{1}\bullet 31^{1}\bullet 61^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1} + \uparrow M7_{+17}(\downarrow m2_{-17})^{1}} = (1) + \uparrow tt_{-36}(\downarrow tt_{+36})$

$11347 = 7^{1}\bullet 1621^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m6_{-5}(\downarrow M3_{+5})^{1}} = (1) + \uparrow tt_{-36}(\downarrow tt_{+36})$

$11348 = 2^{2}\bullet 2837^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow tt_{-36}(\downarrow tt_{+36})^{1}} = (1) + \uparrow tt_{-36}(\downarrow tt_{+36})$

$11349 = 3^{2}\bullet 13^{1}\bullet 97^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow P5_{+20}(\downarrow P4_{-20})^{1}} = (1) + \uparrow tt_{-36}(\downarrow tt_{+36})$

$11350 = 2^{1}\bullet 5^{2}\bullet 227^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow m7_{-8}(\downarrow M2_{+8})^{1}} = (1) + \uparrow tt_{-36}(\downarrow tt_{+36})$

$11351 = 11351^{1} = \mathbf{(1) + \uparrow tt_{-35}(\downarrow tt_{+35})}$

$11352 = 2^{3}\bullet 3^{1}\bullet 11^{1}\bullet 43^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow P4_{+12}(\downarrow P5_{-12})^{1}} = (1) + \uparrow tt_{-35}(\downarrow tt_{+35})$

$11353 = 11353^{1} = \mathbf{(1) + \uparrow tt_{-35}(\downarrow tt_{+35})}$

$11354 = 2^{1}\bullet 7^{1}\bullet 811^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m6_{-4}(\downarrow M3_{+4})^{1}} = (1) + \uparrow tt_{-35}(\downarrow tt_{+35})$

$11355 = 3^{1}\bullet 5^{1}\bullet 757^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow P5_{-23}(\downarrow P4_{+23})^{1}} = (1) + \uparrow tt_{-35}(\downarrow tt_{+35})$

$11356 = 2^{2}\bullet 17^{1}\bullet 167^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow P4_{-40}(\downarrow P5_{+40})^{1}} = (1) + \uparrow tt_{-35}(\downarrow tt_{+35})$

$11357 = 41^{1}\bullet 277^{1} = \mathbf{(1) + \uparrow M3_{+29}(\downarrow m6_{-29})^{1} + \uparrow m2_{+36}(\downarrow M7_{-36})^{1}} = (1) + \uparrow tt_{-34}(\downarrow tt_{+34})$

$11358 = 2^{1}\bullet 3^{2}\bullet 631^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M3_{-38}(\downarrow m6_{+38})^{1}} = (1) + \uparrow tt_{-34}(\downarrow tt_{+34})$

$11359 = 37^{1}\bullet 307^{1} = \mathbf{(1) + \uparrow m3_{-49}(\downarrow M6_{+49})^{1} + \uparrow m3_{+15}(\downarrow M6_{-15})^{1}} = (1) + \uparrow tt_{-34}(\downarrow tt_{+34})$

$11360 = 2^{5}\bullet 5^{1}\bullet 71^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{5} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M2_{-20}(\downarrow m7_{+20})^{1}} = (1) + \uparrow tt_{-34}(\downarrow tt_{+34})$

$11361 = 3^{1}\bullet 7^{1}\bullet 541^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m2_{-5}(\downarrow M7_{+5})^{1}} = (1) + \uparrow tt_{-34}(\downarrow tt_{+34})$

$11362 = 2^{1}\bullet 13^{1}\bullet 19^{1}\bullet 23^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1}} = (1) + \uparrow tt_{-34}(\downarrow tt_{+34})$

$11363 = 11^{1}\bullet 1033^{1} = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow uni_{+15}(\downarrow 8ve_{-15})^{1}} = (1) + \uparrow tt_{-34}(\downarrow tt_{+34})$

$11364 = 2^{2}\bullet 3^{1}\bullet 947^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M7_{-35}(\downarrow m2_{+35})^{1}} = (1) + \uparrow tt_{-33}(\downarrow tt_{+33})$

$11365 = 5^{1}\bullet 2273^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M2_{-20}(\downarrow m7_{+20})^{1}} = (1) + \uparrow tt_{-33}(\downarrow tt_{+33})$

$11366 = 2^{1}\bullet 5683^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow tt_{-33}(\downarrow tt_{+33})^{1}} = (1) + \uparrow tt_{-33}(\downarrow tt_{+33})$

$11367 = 3^{3}\bullet 421^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow M6_{-39}(\downarrow m3_{+39})^{1}} = (1) + \uparrow tt_{-33}(\downarrow tt_{+33})$

$11368 = 2^{3}\bullet 7^{2}\bullet 29^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow m7_{-31}(\downarrow M2_{+31})^{2} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1}} = (1) + \uparrow tt_{-33}(\downarrow tt_{+33})$

$11369 = 11369^{1} = \mathbf{(1) + \uparrow tt_{-33}(\downarrow tt_{+33})}$

$11370 = 2^{1}\bullet 3^{1}\bullet 5^{1}\bullet 379^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow P5_{-21}(\downarrow P4_{+21})^{1}} = (1) + \uparrow tt_{-32}(\downarrow tt_{+32})$

$11371 = 83^{1}\bullet 137^{1} = \mathbf{(1) + \uparrow P4_{-50}(\downarrow P5_{+50})^{1} + \uparrow m2_{+18}(\downarrow M7_{-18})^{1}} = (1) + \uparrow tt_{-32}(\downarrow tt_{+32})$

$11372 = 2^{2}\bullet 2843^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow tt_{-32}(\downarrow tt_{+32})^{1}} = (1) + \uparrow tt_{-32}(\downarrow tt_{+32})$

$11373 = 3^{1}\bullet17^{1}\bullet223^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow m7_{-39}(\downarrow M2_{+39})^{1}} = (1) + \uparrow tt_{-32}(\downarrow tt_{+32})$

$11374 = 2^{1}\bullet11^{2}\bullet47^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{2} + \uparrow P5_{-34}(\downarrow P4_{+34})^{1}} = (1) + \uparrow tt_{-32}(\downarrow tt_{+32})$

$11375 = 5^{3}\bullet7^{1}\bullet13^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{3} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1}} = (1) + \uparrow tt_{-32}(\downarrow tt_{+32})$

$11376 = 2^{4}\bullet3^{2}\bullet79^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M3_{-35}(\downarrow m6_{+35})^{1}} = (1) + \uparrow tt_{-32}(\downarrow tt_{+32})$

$11377 = 31^{1}\bullet367^{1} = \mathbf{(1) + \uparrow M7_{+45}(\downarrow m2_{-45})^{1} + \uparrow tt_{+24}(\downarrow tt_{-24})^{1}} = (1) + \uparrow tt_{-31}(\downarrow tt_{+31})$

$11378 = 2^{1}\bullet5689^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow tt_{-31}(\downarrow tt_{+31})^{1}} = (1) + \uparrow tt_{-31}(\downarrow tt_{+31})$

$11379 = 3^{1}\bullet3793^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M7_{-33}(\downarrow m2_{+33})^{1}} = (1) + \uparrow tt_{-31}(\downarrow tt_{+31})$

$11380 = 2^{2}\bullet5^{1}\bullet569^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M2_{-17}(\downarrow m7_{+17})^{1}} = (1) + \uparrow tt_{-31}(\downarrow tt_{+31})$

$11381 = 19^{1}\bullet599^{1} = \mathbf{(1) + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow m3_{-28}(\downarrow M6_{+28})^{1}} = (1) + \uparrow tt_{-31}(\downarrow tt_{+31})$

$11382 = 2^{1}\bullet3^{1}\bullet7^{1}\bullet271^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m2_{-1}(\downarrow M7_{+1})^{1}} = (1) + \uparrow tt_{-31}(\downarrow tt_{+31})$

$11383 = 11383^{1} = \mathbf{(1) + \uparrow tt_{-30}(\downarrow tt_{+30})}$

$11384 = 2^{3}\bullet1423^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow tt_{-30}(\downarrow tt_{+30})^{1}} = (1) + \uparrow tt_{-30}(\downarrow tt_{+30})$

$11385 = 3^{2}\bullet5^{1}\bullet11^{1}\bullet23^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1}} = (1) + \uparrow tt_{-30}(\downarrow tt_{+30})$

$11386 = 2^{1}\bullet5693^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow tt_{-30}(\downarrow tt_{+30})^{1}} = (1) + \uparrow tt_{-30}(\downarrow tt_{+30})$

$11387 = 59^{1}\bullet193^{1} = \mathbf{(1) + \uparrow M7_{-41}(\downarrow m2_{+41})^{1} + \uparrow P5_{+11}(\downarrow P4_{-11})^{1}} = (1) + \uparrow tt_{-30}(\downarrow tt_{+30})$

$11388 = 2^{2}\bullet3^{1}\bullet13^{1}\bullet73^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow M2_{+28}(\downarrow m7_{-28})^{1}} = (1) + \uparrow tt_{-30}(\downarrow tt_{+30})$

$11389 = 7^{1}\bullet1627^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m6_{+2}(\downarrow M3_{-2})^{1}} = (1) + \uparrow tt_{-30}(\downarrow tt_{+30})$

$11390 = 2^{1}\bullet5^{1}\bullet17^{1}\bullet67^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow m2_{-21}(\downarrow M7_{+21})^{1}} = (1) + \uparrow tt_{-29}(\downarrow tt_{+29})$

$11391 = 3^{1}\bullet3797^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M7_{-31}(\downarrow m2_{+31})^{1}} = (1) + \uparrow tt_{-29}(\downarrow tt_{+29})$

$11392 = 2^{7}\bullet89^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{7} + \uparrow tt_{-29}(\downarrow tt_{+29})^{1}} = (1) + \uparrow tt_{-29}(\downarrow tt_{+29})$

$11393 = 11393^{1} = \mathbf{(1) + \uparrow tt_{-29}(\downarrow tt_{+29})}$

$11394 = 2^{1}\bullet3^{3}\bullet211^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow M6_{-35}(\downarrow m3_{+35})^{1}} = (1) + \uparrow tt_{-29}(\downarrow tt_{+29})$

$11395 = 5^{1}\bullet43^{1}\bullet53^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow P4_{+12}(\downarrow P5_{-12})^{1} + \uparrow M6_{-26}(\downarrow m3_{+26})^{1}} = (1) + \uparrow tt_{-29}(\downarrow tt_{+29})$

$11396 = 2^{2}\bullet7^{1}\bullet11^{1}\bullet37^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m3_{-49}(\downarrow M6_{+49})^{1}} = (1) + \uparrow tt_{-29}(\downarrow tt_{+29})$

$11397 = 3^{1}\bullet29^{1}\bullet131^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1} + \uparrow uni_{+40}(\downarrow 8ve_{-40})^{1}} = (1) + \uparrow tt_{-28}(\downarrow tt_{+28})$

$11398 = 2^{1}\bullet41^{1}\bullet139^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{+29}(\downarrow m6_{-29})^{1} + \uparrow m2_{+43}(\downarrow M7_{-43})^{1}} = (1) + \uparrow tt_{-28}(\downarrow tt_{+28})$

$11399 = 11399^{1} = \mathbf{(1) + \uparrow tt_{-28}(\downarrow tt_{+28})}$

$11400 = 2^{3}\bullet3^{1}\bullet5^{2}\bullet19^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1}} = (1) + \uparrow tt_{-28}(\downarrow tt_{+28})$

$11401 = 13^{1}\bullet877^{1} = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow M6_{+32}(\downarrow m3_{-32})^{1}} = (1) + \uparrow tt_{-28}(\downarrow tt_{+28})$

$11402 = 2^{1}\bullet5701^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow tt_{-28}(\downarrow tt_{+28})^{1}} = (1) + \uparrow tt_{-28}(\downarrow tt_{+28})$

$11403 = 3^{2}\bullet7^{1}\bullet181^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow tt_{+0}(\downarrow tt_{-0})^{1}} = (1) + \uparrow tt_{-27}(\downarrow tt_{+27})$

$11404 = 2^{2}\bullet2851^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow tt_{-27}(\downarrow tt_{+27})^{1}} = (1) + \uparrow tt_{-27}(\downarrow tt_{+27})$

$11405 = 5^{1}\bullet2281^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M2_{-13}(\downarrow m7_{+13})^{1}} = (1) + \uparrow tt_{-27}(\downarrow tt_{+27})$

$11406 = 2^{1}\bullet3^{1}\bullet1901^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M7_{-29}(\downarrow m2_{+29})^{1}} = (1) + \uparrow tt_{-27}(\downarrow tt_{+27})$

$11407 = 11^{1}\bullet17^{1}\bullet61^{1} = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow M7_{+17}(\downarrow m2_{-17})^{1}} = (1) + \uparrow tt_{-27}(\downarrow tt_{+27})$

$11408 = 2^{4}\bullet23^{1}\bullet31^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1}} = (1) + \uparrow tt_{-27}(\downarrow tt_{+27})$

$11409 = 3^{1}\bullet3803^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M7_{-28}(\downarrow m2_{+28})^{1}} = (1) + \uparrow tt_{-27}(\downarrow tt_{+27})$

$11410 = 2^{1}\bullet5^{1}\bullet7^{1}\bullet163^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M3_{+18}(\downarrow m6_{-18})^{1}} = (1) + \uparrow tt_{-26}(\downarrow tt_{+26})$

$11411 = 11411^{1} = \mathbf{(1) + \uparrow tt_{-26}(\downarrow tt_{+26})}$

$11412 = 2^{2}\bullet3^{2}\bullet317^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M3_{-30}(\downarrow m6_{+30})^{1}} = (1) + \uparrow tt_{-26}(\downarrow tt_{+26})$

$11413 = 101^{1}\bullet113^{1} = \mathbf{(1) + \uparrow m6_{-10}(\downarrow M3_{+10})^{1} + \uparrow m7_{-16}(\downarrow M2_{+16})^{1}} = (1) + \uparrow tt_{-26}(\downarrow tt_{+26})$

$11414 = 2^{1}\bullet13^{1}\bullet439^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow M6_{+34}(\downarrow m3_{-34})^{1}} = (1) + \uparrow tt_{-26}(\downarrow tt_{+26})$

$11415 = 3^1 \bullet 5^1 \bullet 761^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow P5_{-14}(\downarrow P4_{+14})^1} = (1) + \uparrow tt_{-26}(\downarrow tt_{+26})$

$11416 = 2^3 \bullet 1427^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow tt_{-25}(\downarrow tt_{+25})^1} = (1) + \uparrow tt_{-25}(\downarrow tt_{+25})$

$11417 = 7^2 \bullet 233^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^2 + \uparrow m7_{+37}(\downarrow M2_{-37})^1} = (1) + \uparrow tt_{-25}(\downarrow tt_{+25})$

$11418 = 2^1 \bullet 3^1 \bullet 11^1 \bullet 173^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow P4_{+22}(\downarrow P5_{-22})^1} = (1) + \uparrow tt_{-25}(\downarrow tt_{+25})$

$11419 = 19^1 \bullet 601^1 = \mathbf{(1) + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow m3_{-23}(\downarrow M6_{+23})^1} = (1) + \uparrow tt_{-25}(\downarrow tt_{+25})$

$11420 = 2^2 \bullet 5^1 \bullet 571^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M2_{-11}(\downarrow m7_{+11})^1} = (1) + \uparrow tt_{-25}(\downarrow tt_{+25})$

$11421 = 3^5 \bullet 47^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^5 + \uparrow P5_{-34}(\downarrow P4_{+34})^1} = (1) + \uparrow tt_{-25}(\downarrow tt_{+25})$

$11422 = 2^1 \bullet 5711^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow tt_{-25}(\downarrow tt_{+25})^1} = (1) + \uparrow tt_{-25}(\downarrow tt_{+25})$

$11423 = 11423^1 = \mathbf{(1) + \uparrow tt_{-24}(\downarrow tt_{+24})}$

$11424 = 2^5 \bullet 3^1 \bullet 7^1 \bullet 17^1 = \mathbf{(1) + \updownarrow 8ve(uni)^5 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1} = (1) + \uparrow tt_{-24}(\downarrow tt_{+24})$

$11425 = 5^2 \bullet 457^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow m7_{+3}(\downarrow M2_{-3})^1} = (1) + \uparrow tt_{-24}(\downarrow tt_{+24})$

$11426 = 2^1 \bullet 29^1 \bullet 197^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1 + \uparrow P5_{+46}(\downarrow P4_{-46})^1} = (1) + \uparrow tt_{-24}(\downarrow tt_{+24})$

$11427 = 3^1 \bullet 13^1 \bullet 293^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow M2_{+34}(\downarrow m7_{-34})^1} = (1) + \uparrow tt_{-24}(\downarrow tt_{+24})$

$11428 = 2^2 \bullet 2857^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow tt_{-24}(\downarrow tt_{+24})^1} = (1) + \uparrow tt_{-24}(\downarrow tt_{+24})$

$11429 = 11^1 \bullet 1039^1 = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow uni_{+25}(\downarrow 8ve_{-25})^1} = (1) + \uparrow tt_{-24}(\downarrow tt_{+24})$

$11430 = 2^1 \bullet 3^2 \bullet 5^1 \bullet 127^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow 8ve_{-14}(\downarrow uni_{+14})^1} = (1) + \uparrow tt_{-23}(\downarrow tt_{+23})$

$11431 = 7^1 \bullet 23^1 \bullet 71^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow M2_{-20}(\downarrow m7_{+20})^1} = (1) + \uparrow tt_{-23}(\downarrow tt_{+23})$

$11432 = 2^3 \bullet 1429^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow tt_{-23}(\downarrow tt_{+23})^1} = (1) + \uparrow tt_{-23}(\downarrow tt_{+23})$

$11433 = 3^1 \bullet 37^1 \bullet 103^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m3_{-49}(\downarrow M6_{+49})^1 + \uparrow m6_{+24}(\downarrow M3_{-24})^1} = (1) + \uparrow tt_{-23}(\downarrow tt_{+23})$

$11434 = 2^1 \bullet 5717^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow tt_{-23}(\downarrow tt_{+23})^1} = (1) + \uparrow tt_{-23}(\downarrow tt_{+23})$

$11435 = 5^1 \bullet 2287^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M2_{-9}(\downarrow m7_{+9})^1} = (1) + \uparrow tt_{-23}(\downarrow tt_{+23})$

$11436 = 2^2 \bullet 3^1 \bullet 953^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M7_{-24}(\downarrow m2_{+24})^1} = (1) + \uparrow tt_{-22}(\downarrow tt_{+22})$

$11437 = 11437^1 = \mathbf{(1) + \uparrow tt_{-22}(\downarrow tt_{+22})}$

$11438 = 2^1 \bullet 7^1 \bullet 19^1 \bullet 43^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow P4_{+12}(\downarrow P5_{-12})^1} = (1) + \uparrow tt_{-22}(\downarrow tt_{+22})$

$11439 = 3^2 \bullet 31^1 \bullet 41^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M7_{+45}(\downarrow m2_{-45})^1 + \uparrow M3_{+29}(\downarrow m6_{-29})^1} = (1) + \uparrow tt_{-22}(\downarrow tt_{+22})$

$11440 = 2^4 \bullet 5^1 \bullet 11^1 \bullet 13^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1} = (1) + \uparrow tt_{-22}(\downarrow tt_{+22})$

$11441 = 17^1 \bullet 673^1 = \mathbf{(1) + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow P4_{-27}(\downarrow P5_{+27})^1} = (1) + \uparrow tt_{-22}(\downarrow tt_{+22})$

$11442 = 2^1 \bullet 3^1 \bullet 1907^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M7_{-23}(\downarrow m2_{+23})^1} = (1) + \uparrow tt_{-22}(\downarrow tt_{+22})$

$11443 = 11443^1 = \mathbf{(1) + \uparrow tt_{-21}(\downarrow tt_{+21})}$

$11444 = 2^2 \bullet 2861^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow tt_{-21}(\downarrow tt_{+21})^1} = (1) + \uparrow tt_{-21}(\downarrow tt_{+21})$

$11445 = 3^1 \bullet 5^1 \bullet 7^1 \bullet 109^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M6_{+22}(\downarrow m3_{-22})^1} = (1) + \uparrow tt_{-21}(\downarrow tt_{+21})$

$11446 = 2^1 \bullet 59^1 \bullet 97^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M7_{-41}(\downarrow m2_{+41})^1 + \uparrow P5_{+20}(\downarrow P4_{-20})^1} = (1) + \uparrow tt_{-21}(\downarrow tt_{+21})$

$11447 = 11447^1 = \mathbf{(1) + \uparrow tt_{-21}(\downarrow tt_{+21})}$

$11448 = 2^3 \bullet 3^3 \bullet 53^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow M6_{-26}(\downarrow m3_{+26})^1} = (1) + \uparrow tt_{-21}(\downarrow tt_{+21})$

$11449 = 107^2 = \mathbf{(1) + \uparrow M6_{-10}(\downarrow m3_{+10})^2} = (1) + \uparrow tt_{-20}(\downarrow tt_{+20})$

$11450 = 2^1 \bullet 5^2 \bullet 229^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow m7_{+7}(\downarrow M2_{-7})^1} = (1) + \uparrow tt_{-20}(\downarrow tt_{+20})$

$11451 = 3^1 \bullet 11^1 \bullet 347^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow P4_{+27}(\downarrow P5_{-27})^1} = (1) + \uparrow tt_{-20}(\downarrow tt_{+20})$

$11452 = 2^2 \bullet 7^1 \bullet 409^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m6_{+11}(\downarrow M3_{-11})^1} = (1) + \uparrow tt_{-20}(\downarrow tt_{+20})$

$11453 = 13^1 \bullet 881^1 = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow M6_{+40}(\downarrow m3_{-40})^1} = (1) + \uparrow tt_{-20}(\downarrow tt_{+20})$

$11454 = 2^1 \bullet 3^1 \bullet 23^1 \bullet 83^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow P4_{-50}(\downarrow P5_{+50})^1} = (1) + \uparrow tt_{-20}(\downarrow tt_{+20})$

$11455 = 5^1 \bullet 29^1 \bullet 79^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1 + \uparrow M3_{-35}(\downarrow m6_{+35})^1} = (1) + \uparrow tt_{-20}(\downarrow tt_{+20})$

$11456 = 2^6 \bullet 179^1 = \mathbf{(1) + \updownarrow 8ve(uni)^6 + \uparrow tt_{-19}(\downarrow tt_{+19})^1} = (1) + \uparrow tt_{-19}(\downarrow tt_{+19})$

$11457 = 3^{2}\bullet19^{1}\bullet67^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow m2_{-21}(\downarrow M7_{+21})^{1}} = (1) + \uparrow tt_{-19}(\downarrow tt_{+19})$

$11458 = 2^{1}\bullet17^{1}\bullet337^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow P4_{-24}(\downarrow P5_{+24})^{1}} = (1) + \uparrow tt_{-19}(\downarrow tt_{+19})$

$11459 = 7^{1}\bullet1637^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m6_{+12}(\downarrow M3_{-12})^{1}} = (1) + \uparrow tt_{-19}(\downarrow tt_{+19})$

$11460 = 2^{2}\bullet3^{1}\bullet5^{1}\bullet191^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow P5_{-7}(\downarrow P4_{+7})^{1}} = (1) + \uparrow tt_{-19}(\downarrow tt_{+19})$

$11461 = 73^{1}\bullet157^{1} = \mathbf{(1) + \uparrow M2_{+28}(\downarrow m7_{-28})^{1} + \uparrow M3_{-46}(\downarrow m6_{+46})^{1}} = (1) + \uparrow tt_{-19}(\downarrow tt_{+19})$

$11462 = 2^{1}\bullet11^{1}\bullet521^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow uni_{+30}(\downarrow 8ve_{-30})^{1}} = (1) + \uparrow tt_{-19}(\downarrow tt_{+19})$

$11463 = 3^{1}\bullet3821^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M7_{-20}(\downarrow m2_{+20})^{1}} = (1) + \uparrow tt_{-18}(\downarrow tt_{+18})$

$11464 = 2^{3}\bullet1433^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow tt_{-18}(\downarrow tt_{+18})^{1}} = (1) + \uparrow tt_{-18}(\downarrow tt_{+18})$

$11465 = 5^{1}\bullet2293^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M2_{-4}(\downarrow m7_{+4})^{1}} = (1) + \uparrow tt_{-18}(\downarrow tt_{+18})$

$11466 = 2^{1}\bullet3^{2}\bullet7^{2}\bullet13^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{2} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1}} = (1) + \uparrow tt_{-18}(\downarrow tt_{+18})$

$11467 = 11467^{1} = \mathbf{(1) + \uparrow tt_{-18}(\downarrow tt_{+18})}$

$11468 = 2^{2}\bullet47^{1}\bullet61^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{-34}(\downarrow P4_{+34})^{1} + \uparrow M7_{+17}(\downarrow m2_{-17})^{1}} = (1) + \uparrow tt_{-18}(\downarrow tt_{+18})$

$11469 = 3^{1}\bullet3823^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M7_{-19}(\downarrow m2_{+19})^{1}} = (1) + \uparrow tt_{-17}(\downarrow tt_{+17})$

$11470 = 2^{1}\bullet5^{1}\bullet31^{1}\bullet37^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1} + \uparrow m3_{-49}(\downarrow M6_{+49})^{1}} = (1) + \uparrow tt_{-17}(\downarrow tt_{+17})$

$11471 = 11471^{1} = \mathbf{(1) + \uparrow tt_{-17}(\downarrow tt_{+17})}$

$11472 = 2^{4}\bullet3^{1}\bullet239^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M7_{-19}(\downarrow m2_{+19})^{1}} = (1) + \uparrow tt_{-17}(\downarrow tt_{+17})$

$11473 = 7^{1}\bullet11^{1}\bullet149^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m3_{-37}(\downarrow M6_{+37})^{1}} = (1) + \uparrow tt_{-17}(\downarrow tt_{+17})$

$11474 = 2^{1}\bullet5737^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow tt_{-17}(\downarrow tt_{+17})^{1}} = (1) + \uparrow tt_{-17}(\downarrow tt_{+17})$

$11475 = 3^{3}\bullet5^{2}\bullet17^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1}} = (1) + \uparrow tt_{-17}(\downarrow tt_{+17})$

$11476 = 2^{2}\bullet19^{1}\bullet151^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow m3_{-14}(\downarrow M6_{+14})^{1}} = (1) + \uparrow tt_{-16}(\downarrow tt_{+16})$

$11477 = 23^{1}\bullet499^{1} = \mathbf{(1) + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow 8ve_{-45}(\downarrow uni_{+45})^{1}} = (1) + \uparrow tt_{-16}(\downarrow tt_{+16})$

$11478 = 2^{1}\bullet3^{1}\bullet1913^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M7_{-18}(\downarrow m2_{+18})^{1}} = (1) + \uparrow tt_{-16}(\downarrow tt_{+16})$

$11479 = 13^{1}\bullet883^{1} = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow M6_{+44}(\downarrow m3_{-44})^{1}} = (1) + \uparrow tt_{-16}(\downarrow tt_{+16})$

$11480 = 2^{3}\bullet5^{1}\bullet7^{1}\bullet41^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M3_{+29}(\downarrow m6_{-29})^{1}} = (1) + \uparrow tt_{-16}(\downarrow tt_{+16})$

$11481 = 3^{1}\bullet43^{1}\bullet89^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow P4_{+12}(\downarrow P5_{-12})^{1} + \uparrow tt_{-29}(\downarrow tt_{+29})^{1}} = (1) + \uparrow tt_{-16}(\downarrow tt_{+16})$

$11482 = 2^{1}\bullet5741^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow tt_{-15}(\downarrow tt_{+15})^{1}} = (1) + \uparrow tt_{-15}(\downarrow tt_{+15})$

$11483 = 11483^{1} = \mathbf{(1) + \uparrow tt_{-15}(\downarrow tt_{+15})}$

$11484 = 2^{2}\bullet3^{2}\bullet11^{1}\bullet29^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1}} = (1) + \uparrow tt_{-15}(\downarrow tt_{+15})$

$11485 = 5^{1}\bullet2297^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M2_{-1}(\downarrow m7_{+1})^{1}} = (1) + \uparrow tt_{-15}(\downarrow tt_{+15})$

$11486 = 2^{1}\bullet5743^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow tt_{-15}(\downarrow tt_{+15})^{1}} = (1) + \uparrow tt_{-15}(\downarrow tt_{+15})$

$11487 = 3^{1}\bullet7^{1}\bullet547^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m2_{+14}(\downarrow M7_{-14})^{1}} = (1) + \uparrow tt_{-15}(\downarrow tt_{+15})$

$11488 = 2^{5}\bullet359^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{5} + \uparrow tt_{-15}(\downarrow tt_{+15})^{1}} = (1) + \uparrow tt_{-15}(\downarrow tt_{+15})$

$11489 = 11489^{1} = \mathbf{(1) + \uparrow tt_{-14}(\downarrow tt_{+14})}$

$11490 = 2^{1}\bullet3^{1}\bullet5^{1}\bullet383^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow P5_{-3}(\downarrow P4_{+3})^{1}} = (1) + \uparrow tt_{-14}(\downarrow tt_{+14})$

$11491 = 11491^{1} = \mathbf{(1) + \uparrow tt_{-14}(\downarrow tt_{+14})}$

$11492 = 2^{2}\bullet13^{2}\bullet17^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m6_{+41}(\downarrow M3_{-41})^{2} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1}} = (1) + \uparrow tt_{-14}(\downarrow tt_{+14})$

$11493 = 3^{2}\bullet1277^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M3_{-18}(\downarrow m6_{+18})^{1}} = (1) + \uparrow tt_{-14}(\downarrow tt_{+14})$

$11494 = 2^{1}\bullet7^{1}\bullet821^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m6_{+17}(\downarrow M3_{-17})^{1}} = (1) + \uparrow tt_{-14}(\downarrow tt_{+14})$

$11495 = 5^{1}\bullet11^{2}\bullet19^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{2} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1}} = (1) + \uparrow tt_{-14}(\downarrow tt_{+14})$

$11496 = 2^{3}\bullet3^{1}\bullet479^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M7_{-15}(\downarrow m2_{+15})^{1}} = (1) + \uparrow tt_{-13}(\downarrow tt_{+13})$

$11497 = 11497^{1} = \mathbf{(1) + \uparrow tt_{-13}(\downarrow tt_{+13})}$

$11498 = 2^{1}\bullet5749^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow tt_{-13}(\downarrow tt_{+13})^{1}} = (1) + \uparrow tt_{-13}(\downarrow tt_{+13})$

$11499 = 3^{1}\bullet 3833^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M7_{-15}(\downarrow m2_{+15})^{1}} = (1) + \uparrow tt_{-13}(\downarrow tt_{+13})$

$11500 = 2^{2}\bullet 5^{3}\bullet 23^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{3} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1}} = (1) + \uparrow tt_{-13}(\downarrow tt_{+13})$

$11501 = 7^{1}\bullet 31^{1}\bullet 53^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1} + \uparrow M6_{-26}(\downarrow m3_{+26})^{1}} = (1) + \uparrow tt_{-13}(\downarrow tt_{+13})$

$11502 = 2^{1}\bullet 3^{4}\bullet 71^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{4} + \uparrow M2_{-20}(\downarrow m7_{+20})^{1}} = (1) + \uparrow tt_{-12}(\downarrow tt_{+12})$

$11503 = 11503^{1} = \mathbf{(1) + \uparrow tt_{-12}(\downarrow tt_{+12})}$

$11504 = 2^{4}\bullet 719^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow tt_{-12}(\downarrow tt_{+12})^{1}} = (1) + \uparrow tt_{-12}(\downarrow tt_{+12})$

$11505 = 3^{1}\bullet 5^{1}\bullet 13^{1}\bullet 59^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow M7_{-41}(\downarrow m2_{+41})^{1}} = (1) + \uparrow tt_{-12}(\downarrow tt_{+12})$

$11506 = 2^{1}\bullet 11^{1}\bullet 523^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow uni_{+37}(\downarrow 8ve_{-37})^{1}} = (1) + \uparrow tt_{-12}(\downarrow tt_{+12})$

$11507 = 37^{1}\bullet 311^{1} = \mathbf{(1) + \uparrow m3_{-49}(\downarrow M6_{+49})^{1} + \uparrow m3_{+37}(\downarrow M6_{-37})^{1}} = (1) + \uparrow tt_{-12}(\downarrow tt_{+12})$

$11508 = 2^{2}\bullet 3^{1}\bullet 7^{1}\bullet 137^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m2_{+18}(\downarrow M7_{-18})^{1}} = (1) + \uparrow tt_{-12}(\downarrow tt_{+12})$

$11509 = 17^{1}\bullet 677^{1} = \mathbf{(1) + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow P4_{-16}(\downarrow P5_{+16})^{1}} = (1) + \uparrow tt_{-11}(\downarrow tt_{+11})$

$11510 = 2^{1}\bullet 5^{1}\bullet 1151^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M2_{+2}(\downarrow m7_{-2})^{1}} = (1) + \uparrow tt_{-11}(\downarrow tt_{+11})$

$11511 = 3^{2}\bullet 1279^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M3_{-15}(\downarrow m6_{+15})^{1}} = (1) + \uparrow tt_{-11}(\downarrow tt_{+11})$

$11512 = 2^{3}\bullet 1439^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow tt_{-11}(\downarrow tt_{+11})^{1}} = (1) + \uparrow tt_{-11}(\downarrow tt_{+11})$

$11513 = 29^{1}\bullet 397^{1} = \mathbf{(1) + \uparrow m7_{+30}(\downarrow M2_{-30})^{1} + \uparrow m6_{-40}(\downarrow M3_{+40})^{1}} = (1) + \uparrow tt_{-11}(\downarrow tt_{+11})$

$11514 = 2^{1}\bullet 3^{1}\bullet 19^{1}\bullet 101^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow m6_{-10}(\downarrow M3_{+10})^{1}} = (1) + \uparrow tt_{-11}(\downarrow tt_{+11})$

$11515 = 5^{1}\bullet 7^{2}\bullet 47^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{2} + \uparrow P5_{-34}(\downarrow P4_{+34})^{1}} = (1) + \uparrow tt_{-11}(\downarrow tt_{+11})$

$11516 = 2^{2}\bullet 2879^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow tt_{-10}(\downarrow tt_{+10})^{1}} = (1) + \uparrow tt_{-10}(\downarrow tt_{+10})$

$11517 = 3^{1}\bullet 11^{1}\bullet 349^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow P4_{+36}(\downarrow P5_{-36})^{1}} = (1) + \uparrow tt_{-10}(\downarrow tt_{+10})$

$11518 = 2^{1}\bullet 13^{1}\bullet 443^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow M6_{+49}(\downarrow m3_{-49})^{1}} = (1) + \uparrow tt_{-10}(\downarrow tt_{+10})$

$11519 = 11519^{1} = \mathbf{(1) + \uparrow tt_{-10}(\downarrow tt_{+10})}$

$11520 = 2^{8}\bullet 3^{2}\bullet 5^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{8} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1}} = (1) + \uparrow tt_{-10}(\downarrow tt_{+10})$

$11521 = 41^{1}\bullet 281^{1} = \mathbf{(1) + \uparrow M3_{+29}(\downarrow m6_{-29})^{1} + \uparrow M2_{-39}(\downarrow m7_{+39})^{1}} = (1) + \uparrow tt_{-10}(\downarrow tt_{+10})$

$11522 = 2^{1}\bullet 7^{1}\bullet 823^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m6_{+22}(\downarrow M3_{-22})^{1}} = (1) + \uparrow tt_{-9}(\downarrow tt_{+9})$

$11523 = 3^{1}\bullet 23^{1}\bullet 167^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow P4_{-40}(\downarrow P5_{+40})^{1}} = (1) + \uparrow tt_{-9}(\downarrow tt_{+9})$

$11524 = 2^{2}\bullet 43^{1}\bullet 67^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P4_{+12}(\downarrow P5_{-12})^{1} + \uparrow m2_{-21}(\downarrow M7_{+21})^{1}} = (1) + \uparrow tt_{-9}(\downarrow tt_{+9})$

$11525 = 5^{2}\bullet 461^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow m7_{+18}(\downarrow M2_{-18})^{1}} = (1) + \uparrow tt_{-9}(\downarrow tt_{+9})$

$11526 = 2^{1}\bullet 3^{1}\bullet 17^{1}\bullet 113^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow m7_{-16}(\downarrow M2_{+16})^{1}} = (1) + \uparrow tt_{-9}(\downarrow tt_{+9})$

$11527 = 11527^{1} = \mathbf{(1) + \uparrow tt_{-9}(\downarrow tt_{+9})}$

$11528 = 2^{3}\bullet 11^{1}\bullet 131^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow uni_{+40}(\downarrow 8ve_{-40})^{1}} = (1) + \uparrow tt_{-9}(\downarrow tt_{+9})$

$11529 = 3^{3}\bullet 7^{1}\bullet 61^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M7_{+17}(\downarrow m2_{-17})^{1}} = (1) + \uparrow tt_{-8}(\downarrow tt_{+8})$

$11530 = 2^{1}\bullet 5^{1}\bullet 1153^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M2_{+5}(\downarrow m7_{-5})^{1}} = (1) + \uparrow tt_{-8}(\downarrow tt_{+8})$

$11531 = 13^{1}\bullet 887^{1} = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m7_{-49}(\downarrow M2_{+49})^{1}} = (1) + \uparrow tt_{-8}(\downarrow tt_{+8})$

$11532 = 2^{2}\bullet 3^{1}\bullet 31^{2} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{2}} = (1) + \uparrow tt_{-8}(\downarrow tt_{+8})$

$11533 = 19^{1}\bullet 607^{1} = \mathbf{(1) + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow m3_{-5}(\downarrow M6_{+5})^{1}} = (1) + \uparrow tt_{-8}(\downarrow tt_{+8})$

$11534 = 2^{1}\bullet 73^{1}\bullet 79^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M2_{+28}(\downarrow m7_{-28})^{1} + \uparrow M3_{-35}(\downarrow m6_{+35})^{1}} = (1) + \uparrow tt_{-8}(\downarrow tt_{+8})$

$11535 = 3^{1}\bullet 5^{1}\bullet 769^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow P5_{+4}(\downarrow P4_{-4})^{1}} = (1) + \uparrow tt_{-8}(\downarrow tt_{+8})$

$11536 = 2^{4}\bullet 7^{1}\bullet 103^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m6_{+24}(\downarrow M3_{-24})^{1}} = (1) + \uparrow tt_{-7}(\downarrow tt_{+7})$

$11537 = 83^{1}\bullet 139^{1} = \mathbf{(1) + \uparrow P4_{-50}(\downarrow P5_{+50})^{1} + \uparrow m2_{+43}(\downarrow M7_{-43})^{1}} = (1) + \uparrow tt_{-7}(\downarrow tt_{+7})$

$11538 = 2^{1}\bullet 3^{2}\bullet 641^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M3_{-11}(\downarrow m6_{+11})^{1}} = (1) + \uparrow tt_{-7}(\downarrow tt_{+7})$

$11539 = 11^{1}\bullet 1049^{1} = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow uni_{+42}(\downarrow 8ve_{-42})^{1}} = (1) + \uparrow tt_{-7}(\downarrow tt_{+7})$

$11540 = 2^{2}\bullet 5^{1}\bullet 577^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M2_{+7}(\downarrow m7_{-7})^{1}} = (1) + \uparrow tt_{-7}(\downarrow tt_{+7})$

$11541 = 3^1 \bullet 3847^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M7_{-9}(\downarrow m2_{+9})^1} = (1) + \uparrow tt_{-7}(\downarrow tt_{+7})$

$11542 = 2^1 \bullet 29^1 \bullet 199^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1 + \uparrow m6_{-36}(\downarrow M3_{+36})^1} = (1) + \uparrow tt_{-6}(\downarrow tt_{+6})$

$11543 = 7^1 \bullet 17^1 \bullet 97^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow P5_{+20}(\downarrow P4_{-20})^1} = (1) + \uparrow tt_{-6}(\downarrow tt_{+6})$

$11544 = 2^3 \bullet 3^1 \bullet 13^1 \bullet 37^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow m3_{-49}(\downarrow M6_{+49})^1} = (1) + \uparrow tt_{-6}(\downarrow tt_{+6})$

$11545 = 5^1 \bullet 2309^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M2_{+8}(\downarrow m7_{-8})^1} = (1) + \uparrow tt_{-6}(\downarrow tt_{+6})$

$11546 = 2^1 \bullet 23^1 \bullet 251^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow 8ve_{-34}(\downarrow uni_{+34})^1} = (1) + \uparrow tt_{-6}(\downarrow tt_{+6})$

$11547 = 3^2 \bullet 1283^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M3_{-10}(\downarrow m6_{+10})^1} = (1) + \uparrow tt_{-6}(\downarrow tt_{+6})$

$11548 = 2^2 \bullet 2887^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow tt_{-6}(\downarrow tt_{+6})^1} = (1) + \uparrow tt_{-6}(\downarrow tt_{+6})$

$11549 = 11549^1 = \mathbf{(1) + \uparrow tt_{-5}(\downarrow tt_{+5})}$

$11550 = 2^1 \bullet 3^1 \bullet 5^2 \bullet 7^1 \bullet 11^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1} =$

$(1) + \uparrow tt_{-5}(\downarrow tt_{+5})$

$11551 = 11551^1 = \mathbf{(1) + \uparrow tt_{-5}(\downarrow tt_{+5})}$

$11552 = 2^5 \bullet 19^2 = \mathbf{(1) + \updownarrow 8ve(uni)^5 + \uparrow m3_{-2}(\downarrow M6_{+2})^2} = (1) + \uparrow tt_{-5}(\downarrow tt_{+5})$

$11553 = 3^1 \bullet 3851^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M7_{-7}(\downarrow m2_{+7})^1} = (1) + \uparrow tt_{-5}(\downarrow tt_{+5})$

$11554 = 2^1 \bullet 53^1 \bullet 109^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M6_{-26}(\downarrow m3_{+26})^1 + \uparrow M6_{+22}(\downarrow m3_{-22})^1} = (1) + \uparrow tt_{-5}(\downarrow tt_{+5})$

$11555 = 5^1 \bullet 2311^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M2_{+9}(\downarrow m7_{-9})^1} = (1) + \uparrow tt_{-5}(\downarrow tt_{+5})$

$11556 = 2^2 \bullet 3^3 \bullet 107^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow M6_{-10}(\downarrow m3_{+10})^1} = (1) + \uparrow tt_{-4}(\downarrow tt_{+4})$

$11557 = 7^1 \bullet 13^1 \bullet 127^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow 8ve_{-14}(\downarrow uni_{+14})^1} = (1) + \uparrow tt_{-4}(\downarrow tt_{+4})$

$11558 = 2^1 \bullet 5779^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow tt_{-4}(\downarrow tt_{+4})^1} = (1) + \uparrow tt_{-4}(\downarrow tt_{+4})$

$11559 = 3^1 \bullet 3853^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M7_{-6}(\downarrow m2_{+6})^1} = (1) + \uparrow tt_{-4}(\downarrow tt_{+4})$

$11560 = 2^3 \bullet 5^1 \bullet 17^2 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^2} = (1) + \uparrow tt_{-4}(\downarrow tt_{+4})$

$11561 = 11^1 \bullet 1051^1 = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow uni_{+45}(\downarrow 8ve_{-45})^1} = (1) + \uparrow tt_{-4}(\downarrow tt_{+4})$

$11562 = 2^1 \bullet 3^1 \bullet 41^1 \bullet 47^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{+29}(\downarrow m6_{-29})^1 + \uparrow P5_{-34}(\downarrow P4_{+34})^1} = (1) + \uparrow tt_{-3}(\downarrow tt_{+3})$

$11563 = 31^1 \bullet 373^1 = \mathbf{(1) + \uparrow M7_{+45}(\downarrow m2_{-45})^1 + \uparrow P5_{-48}(\downarrow P4_{+48})^1} = (1) + \uparrow tt_{-3}(\downarrow tt_{+3})$

$11564 = 2^2 \bullet 7^2 \bullet 59^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m7_{-31}(\downarrow M2_{+31})^2 + \uparrow M7_{-41}(\downarrow m2_{+41})^1} = (1) + \uparrow tt_{-3}(\downarrow tt_{+3})$

$11565 = 3^2 \bullet 5^1 \bullet 257^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow uni_{+7}(\downarrow 8ve_{-7})^1} = (1) + \uparrow tt_{-3}(\downarrow tt_{+3})$

$11566 = 2^1 \bullet 5783^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow tt_{-3}(\downarrow tt_{+3})^1} = (1) + \uparrow tt_{-3}(\downarrow tt_{+3})$

$11567 = 43^1 \bullet 269^1 = \mathbf{(1) + \uparrow P4_{+12}(\downarrow P5_{-12})^1 + \uparrow m2_{-14}(\downarrow M7_{+14})^1} = (1) + \uparrow tt_{-3}(\downarrow tt_{+3})$

$11568 = 2^4 \bullet 3^1 \bullet 241^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M7_{-5}(\downarrow m2_{+5})^1} = (1) + \uparrow tt_{-3}(\downarrow tt_{+3})$

$11569 = 23^1 \bullet 503^1 = \mathbf{(1) + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow 8ve_{-31}(\downarrow uni_{+31})^1} = (1) + \uparrow tt_{-2}(\downarrow tt_{+2})$

$11570 = 2^1 \bullet 5^1 \bullet 13^1 \bullet 89^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow tt_{-29}(\downarrow tt_{+29})^1} = (1) + \uparrow tt_{-2}(\downarrow tt_{+2})$

$11571 = 3^1 \bullet 7^1 \bullet 19^1 \bullet 29^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1} = (1) + \uparrow tt_{-2}(\downarrow tt_{+2})$

$11572 = 2^2 \bullet 11^1 \bullet 263^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow uni_{+47}(\downarrow 8ve_{-47})^1} = (1) + \uparrow tt_{-2}(\downarrow tt_{+2})$

$11573 = 71^1 \bullet 163^1 = \mathbf{(1) + \uparrow M2_{-20}(\downarrow m7_{+20})^1 + \uparrow M3_{+18}(\downarrow m6_{-18})^1} = (1) + \uparrow tt_{-2}(\downarrow tt_{+2})$

$11574 = 2^1 \bullet 3^2 \bullet 643^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M3_{-6}(\downarrow m6_{+6})^1} = (1) + \uparrow tt_{-2}(\downarrow tt_{+2})$

$11575 = 5^2 \bullet 463^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow m7_{+26}(\downarrow M2_{-26})^1} = (1) + \uparrow tt_{-2}(\downarrow tt_{+2})$

$11576 = 2^3 \bullet 1447^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow tt_{-1}(\downarrow tt_{+1})^1} = (1) + \uparrow tt_{-1}(\downarrow tt_{+1})$

$11577 = 3^1 \bullet 17^1 \bullet 227^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow m7_{-8}(\downarrow M2_{+8})^1} = (1) + \uparrow tt_{-1}(\downarrow tt_{+1})$

$11578 = 2^1 \bullet 7^1 \bullet 827^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m6_{+30}(\downarrow M3_{-30})^1} = (1) + \uparrow tt_{-1}(\downarrow tt_{+1})$

$11579 = 11579^1 = \mathbf{(1) + \uparrow tt_{-1}(\downarrow tt_{+1})}$

$11580 = 2^2 \bullet 3^1 \bullet 5^1 \bullet 193^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow P5_{+11}(\downarrow P4_{-11})^1} = (1) + \uparrow tt_{-1}(\downarrow tt_{+1})$

$11581 = 37^1 \bullet 313^1 = \mathbf{(1) + \uparrow m3_{-49}(\downarrow M6_{+49})^1 + \uparrow m3_{+48}(\downarrow M6_{-48})^1} = (1) + \uparrow tt_{-1}(\downarrow tt_{+1})$

$11582 = 2^{1}\bullet 5791^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow tt_{+0}(\downarrow tt_{-0})^{1}} = (1) + \uparrow tt_{+0}(\downarrow tt_{-0})$

$11583 = 3^{4}\bullet 11^{1}\bullet 13^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{4} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1}} = (1) + \uparrow tt_{+0}(\downarrow tt_{-0})$

$11584 = 2^{6}\bullet 181^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{6} + \uparrow tt_{+0}(\downarrow tt_{-0})^{1}} = (1) + \uparrow tt_{+0}(\downarrow tt_{-0})$

$11585 = 5^{1}\bullet 7^{1}\bullet 331^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M3_{+45}(\downarrow m6_{-45})^{1}} = (1) + \uparrow tt_{+0}(\downarrow tt_{-0})$

$11586 = 2^{1}\bullet 3^{1}\bullet 1931^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M7_{-2}(\downarrow m2_{+2})^{1}} = (1) + \uparrow tt_{+0}(\downarrow tt_{-0})$

$11587 = 11587^{1} = \mathbf{(1) + \uparrow tt_{+0}(\downarrow tt_{-0})}$

$11588 = 2^{2}\bullet 2897^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow tt_{+0}(\downarrow tt_{-0})^{1}} = (1) + \uparrow tt_{+0}(\downarrow tt_{-0})$

$11589 = 3^{1}\bullet 3863^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M7_{-1}(\downarrow m2_{+1})^{1}} = (1) + \uparrow tt_{+1}(\downarrow tt_{-1})$

$11590 = 2^{1}\bullet 5^{1}\bullet 19^{1}\bullet 61^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow M7_{+17}(\downarrow m2_{-17})^{1}} = (1) + \uparrow tt_{+1}(\downarrow tt_{-1})$

$11591 = 67^{1}\bullet 173^{1} = \mathbf{(1) + \uparrow m2_{-21}(\downarrow M7_{+21})^{1} + \uparrow P4_{+22}(\downarrow P5_{-22})^{1}} = (1) + \uparrow tt_{+1}(\downarrow tt_{-1})$

$11592 = 2^{3}\bullet 3^{2}\bullet 7^{1}\bullet 23^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1}} = (1) + \uparrow tt_{+1}(\downarrow tt_{-1})$

$11593 = 11593^{1} = \mathbf{(1) + \uparrow tt_{+1}(\downarrow tt_{-1})}$

$11594 = 2^{1}\bullet 11^{1}\bullet 17^{1}\bullet 31^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1}} = (1) + \uparrow tt_{+1}(\downarrow tt_{-1})$

$11595 = 3^{1}\bullet 5^{1}\bullet 773^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow P5_{+13}(\downarrow P4_{-13})^{1}} = (1) + \uparrow tt_{+1}(\downarrow tt_{-1})$

$11596 = 2^{2}\bullet 13^{1}\bullet 223^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m7_{-39}(\downarrow M2_{+39})^{1}} = (1) + \uparrow tt_{+2}(\downarrow tt_{-2})$

$11597 = 11597^{1} = \mathbf{(1) + \uparrow tt_{+2}(\downarrow tt_{-2})}$

$11598 = 2^{1}\bullet 3^{1}\bullet 1933^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M7_{+0}(\downarrow m2_{-0})^{1}} = (1) + \uparrow tt_{+2}(\downarrow tt_{-2})$

$11599 = 7^{1}\bullet 1657^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m6_{+33}(\downarrow M3_{-33})^{1}} = (1) + \uparrow tt_{+2}(\downarrow tt_{-2})$

$11600 = 2^{4}\bullet 5^{2}\bullet 29^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1}} = (1) + \uparrow tt_{+2}(\downarrow tt_{-2})$

$11601 = 3^{2}\bullet 1289^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M3_{-2}(\downarrow m6_{+2})^{1}} = (1) + \uparrow tt_{+2}(\downarrow tt_{-2})$

$11602 = 2^{1}\bullet 5801^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow tt_{+3}(\downarrow tt_{-3})^{1}} = (1) + \uparrow tt_{+3}(\downarrow tt_{-3})$

$11603 = 41^{1}\bullet 283^{1} = \mathbf{(1) + \uparrow M3_{+29}(\downarrow m6_{-29})^{1} + \uparrow M2_{-26}(\downarrow m7_{+26})^{1}} = (1) + \uparrow tt_{+3}(\downarrow tt_{-3})$

$11604 = 2^{2}\bullet 3^{1}\bullet 967^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M7_{+1}(\downarrow m2_{-1})^{1}} = (1) + \uparrow tt_{+3}(\downarrow tt_{-3})$

$11605 = 5^{1}\bullet 11^{1}\bullet 211^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow M6_{-35}(\downarrow m3_{+35})^{1}} = (1) + \uparrow tt_{+3}(\downarrow tt_{-3})$

$11606 = 2^{1}\bullet 7^{1}\bullet 829^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m6_{+34}(\downarrow M3_{-34})^{1}} = (1) + \uparrow tt_{+3}(\downarrow tt_{-3})$

$11607 = 3^{1}\bullet 53^{1}\bullet 73^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M6_{-26}(\downarrow m3_{+26})^{1} + \uparrow M2_{+28}(\downarrow m7_{-28})^{1}} = (1) + \uparrow tt_{+3}(\downarrow tt_{-3})$

$11608 = 2^{3}\bullet 1451^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow tt_{+3}(\downarrow tt_{-3})^{1}} = (1) + \uparrow tt_{+3}(\downarrow tt_{-3})$

$11609 = 13^{1}\bullet 19^{1}\bullet 47^{1} = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow P5_{-34}(\downarrow P4_{+34})^{1}} = (1) + \uparrow tt_{+4}(\downarrow tt_{-4})$

$11610 = 2^{1}\bullet 3^{3}\bullet 5^{1}\bullet 43^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow P4_{+12}(\downarrow P5_{-12})^{1}} = (1) + \uparrow tt_{+4}(\downarrow tt_{-4})$

$11611 = 17^{1}\bullet 683^{1} = \mathbf{(1) + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow P4_{-1}(\downarrow P5_{+1})^{1}} = (1) + \uparrow tt_{+4}(\downarrow tt_{-4})$

$11612 = 2^{2}\bullet 2903^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow tt_{+4}(\downarrow tt_{-4})^{1}} = (1) + \uparrow tt_{+4}(\downarrow tt_{-4})$

$11613 = 3^{1}\bullet 7^{2}\bullet 79^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{2} + \uparrow M3_{-35}(\downarrow m6_{+35})^{1}} = (1) + \uparrow tt_{+4}(\downarrow tt_{-4})$

$11614 = 2^{1}\bullet 5807^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow tt_{+4}(\downarrow tt_{-4})^{1}} = (1) + \uparrow tt_{+4}(\downarrow tt_{-4})$

$11615 = 5^{1}\bullet 23^{1}\bullet 101^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow m6_{-10}(\downarrow M3_{+10})^{1}} = (1) + \uparrow tt_{+4}(\downarrow tt_{-4})$

$11616 = 2^{5}\bullet 3^{1}\bullet 11^{2} = \mathbf{(1) + \updownarrow 8ve(uni)^{5} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{2}} = (1) + \uparrow tt_{+5}(\downarrow tt_{-5})$

$11617 = 11617^{1} = \mathbf{(1) + \uparrow tt_{+5}(\downarrow tt_{-5})}$

$11618 = 2^{1}\bullet 37^{1}\bullet 157^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m3_{-49}(\downarrow M6_{+49})^{1} + \uparrow M3_{-46}(\downarrow m6_{+46})^{1}} = (1) + \uparrow tt_{+5}(\downarrow tt_{-5})$

$11619 = 3^{2}\bullet 1291^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M3_{+1}(\downarrow m6_{-1})^{1}} = (1) + \uparrow tt_{+5}(\downarrow tt_{-5})$

$11620 = 2^{2}\bullet 5^{1}\bullet 7^{1}\bullet 83^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow P4_{-50}(\downarrow P5_{+50})^{1}} = (1) + \uparrow tt_{+5}(\downarrow tt_{-5})$

$11621 = 11621^{1} = \mathbf{(1) + \uparrow tt_{+5}(\downarrow tt_{-5})}$

$11622 = 2^{1}\bullet 3^{1}\bullet 13^{1}\bullet 149^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m3_{-37}(\downarrow M6_{+37})^{1}} = (1) + \uparrow tt_{+5}(\downarrow tt_{-5})$

$11623 = 59^{1}\bullet 197^{1} = \mathbf{(1) + \uparrow M7_{-41}(\downarrow m2_{+41})^{1} + \uparrow P5_{+46}(\downarrow P4_{-46})^{1}} = (1) + \uparrow tt_{+6}(\downarrow tt_{-6})$

$11624 = 2^{3}\bullet 1453^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow tt_{+6}(\downarrow tt_{-6})^{1}} = (1) + \uparrow tt_{+6}(\downarrow tt_{-6})$

$11625 = 3^{1}\bullet 5^{3}\bullet 31^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{3} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1}} = (1) + \uparrow tt_{+6}(\downarrow tt_{-6})$

$11626 = 2^{1}\bullet 5813^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow tt_{+6}(\downarrow tt_{-6})^{1}} = (1) + \uparrow tt_{+6}(\downarrow tt_{-6})$

$11627 = 7^{1}\bullet 11^{1}\bullet 151^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m3_{-14}(\downarrow M6_{+14})^{1}} = (1) + \uparrow tt_{+6}(\downarrow tt_{-6})$

$11628 = 2^{2}\bullet 3^{2}\bullet 17^{1}\bullet 19^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1}} = (1) + \uparrow tt_{+6}(\downarrow tt_{-6})$

$11629 = 29^{1}\bullet 401^{1} = \mathbf{(1) + \uparrow m7_{+30}(\downarrow M2_{-30})^{1} + \uparrow m6_{-23}(\downarrow M3_{+23})^{1}} = (1) + \uparrow tt_{+7}(\downarrow tt_{-7})$

$11630 = 2^{1}\bullet 5^{1}\bullet 1163^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M2_{+20}(\downarrow m7_{-20})^{1}} = (1) + \uparrow tt_{+7}(\downarrow tt_{-7})$

$11631 = 3^{1}\bullet 3877^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M7_{+5}(\downarrow m2_{-5})^{1}} = (1) + \uparrow tt_{+7}(\downarrow tt_{-7})$

$11632 = 2^{4}\bullet 727^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow tt_{+7}(\downarrow tt_{-7})^{1}} = (1) + \uparrow tt_{+7}(\downarrow tt_{-7})$

$11633 = 11633^{1} = \mathbf{(1) + \uparrow tt_{+7}(\downarrow tt_{-7})}$

$11634 = 2^{1}\bullet 3^{1}\bullet 7^{1}\bullet 277^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m2_{+36}(\downarrow M7_{-36})^{1}} = (1) + \uparrow tt_{+7}(\downarrow tt_{-7})$

$11635 = 5^{1}\bullet 13^{1}\bullet 179^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow tt_{-19}(\downarrow tt_{+19})^{1}} = (1) + \uparrow tt_{+7}(\downarrow tt_{-7})$

$11636 = 2^{2}\bullet 2909^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow tt_{+8}(\downarrow tt_{-8})^{1}} = (1) + \uparrow tt_{+8}(\downarrow tt_{-8})$

$11637 = 3^{3}\bullet 431^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow M6_{+2}(\downarrow m3_{-2})^{1}} = (1) + \uparrow tt_{+8}(\downarrow tt_{-8})$

$11638 = 2^{1}\bullet 11^{1}\bullet 23^{2} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{2}} = (1) + \uparrow tt_{+8}(\downarrow tt_{-8})$

$11639 = 103^{1}\bullet 113^{1} = \mathbf{(1) + \uparrow m6_{+24}(\downarrow M3_{-24})^{1} + \uparrow m7_{-16}(\downarrow M2_{+16})^{1}} = (1) + \uparrow tt_{+8}(\downarrow tt_{-8})$

$11640 = 2^{3}\bullet 3^{1}\bullet 5^{1}\bullet 97^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow P5_{+20}(\downarrow P4_{-20})^{1}} = (1) + \uparrow tt_{+8}(\downarrow tt_{-8})$

$11641 = 7^{1}\bullet 1663^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m6_{+39}(\downarrow M3_{-39})^{1}} = (1) + \uparrow tt_{+8}(\downarrow tt_{-8})$

$11642 = 2^{1}\bullet 5821^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow tt_{+8}(\downarrow tt_{-8})^{1}} = (1) + \uparrow tt_{+8}(\downarrow tt_{-8})$

$11643 = 3^{1}\bullet 3881^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M7_{+7}(\downarrow m2_{-7})^{1}} = (1) + \uparrow tt_{+9}(\downarrow tt_{-9})$

$11644 = 2^{2}\bullet 41^{1}\bullet 71^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M3_{+29}(\downarrow m6_{-29})^{1} + \uparrow M2_{-20}(\downarrow m7_{+20})^{1}} = (1) + \uparrow tt_{+9}(\downarrow tt_{-9})$

$11645 = 5^{1}\bullet 17^{1}\bullet 137^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow m2_{+18}(\downarrow M7_{-18})^{1}} = (1) + \uparrow tt_{+9}(\downarrow tt_{-9})$

$11646 = 2^{1}\bullet 3^{2}\bullet 647^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M3_{+5}(\downarrow m6_{-5})^{1}} = (1) + \uparrow tt_{+9}(\downarrow tt_{-9})$

$11647 = 19^{1}\bullet 613^{1} = \mathbf{(1) + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow m3_{+12}(\downarrow M6_{-12})^{1}} = (1) + \uparrow tt_{+9}(\downarrow tt_{-9})$

$11648 = 2^{7}\bullet 7^{1}\bullet 13^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{7} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1}} = (1) + \uparrow tt_{+9}(\downarrow tt_{-9})$

$11649 = 3^{1}\bullet 11^{1}\bullet 353^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow tt_{-44}(\downarrow tt_{+44})^{1}} = (1) + \uparrow tt_{+10}(\downarrow tt_{-10})$

$11650 = 2^{1}\bullet 5^{2}\bullet 233^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow m7_{+37}(\downarrow M2_{-37})^{1}} = (1) + \uparrow tt_{+10}(\downarrow tt_{-10})$

$11651 = 61^{1}\bullet 191^{1} = \mathbf{(1) + \uparrow M7_{+17}(\downarrow m2_{-17})^{1} + \uparrow P5_{-7}(\downarrow P4_{+7})^{1}} = (1) + \uparrow tt_{+10}(\downarrow tt_{-10})$

$11652 = 2^{2}\bullet 3^{1}\bullet 971^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M7_{+8}(\downarrow m2_{-8})^{1}} = (1) + \uparrow tt_{+10}(\downarrow tt_{-10})$

$11653 = 43^{1}\bullet 271^{1} = \mathbf{(1) + \uparrow P4_{+12}(\downarrow P5_{-12})^{1} + \uparrow m2_{-1}(\downarrow M7_{+1})^{1}} = (1) + \uparrow tt_{+10}(\downarrow tt_{-10})$

$11654 = 2^{1}\bullet 5827^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow tt_{+10}(\downarrow tt_{-10})^{1}} = (1) + \uparrow tt_{+10}(\downarrow tt_{-10})$

$11655 = 3^{2}\bullet 5^{1}\bullet 7^{1}\bullet 37^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m3_{-49}(\downarrow M6_{+49})^{1}} = (1) + \uparrow tt_{+10}(\downarrow tt_{-10})$

$11656 = 2^{3}\bullet 31^{1}\bullet 47^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1} + \uparrow P5_{-34}(\downarrow P4_{+34})^{1}} = (1) + \uparrow tt_{+11}(\downarrow tt_{-11})$

$11657 = 11657^{1} = \mathbf{(1) + \uparrow tt_{+11}(\downarrow tt_{-11})}$

$11658 = 2^{1}\bullet 3^{1}\bullet 29^{1}\bullet 67^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1} + \uparrow m2_{-21}(\downarrow M7_{+21})^{1}} = (1) + \uparrow tt_{+11}(\downarrow tt_{-11})$

$11659 = 89^{1}\bullet 131^{1} = \mathbf{(1) + \uparrow tt_{-29}(\downarrow tt_{+29})^{1} + \uparrow uni_{+40}(\downarrow 8ve_{-40})^{1}} = (1) + \uparrow tt_{+11}(\downarrow tt_{-11})$

$11660 = 2^{2}\bullet 5^{1}\bullet 11^{1}\bullet 53^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow M6_{-26}(\downarrow m3_{+26})^{1}} = (1) + \uparrow tt_{+11}(\downarrow tt_{-11})$

$11661 = 3^{1}\bullet 13^{2}\bullet 23^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{2} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1}} = (1) + \uparrow tt_{+11}(\downarrow tt_{-11})$

$11662 = 2^{1}\bullet 7^{3}\bullet 17^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{3} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1}} = (1) + \uparrow tt_{+11}(\downarrow tt_{-11})$

$11663 = 107^{1}\bullet 109^{1} = \mathbf{(1) + \uparrow M6_{-10}(\downarrow m3_{+10})^{1} + \uparrow M6_{+22}(\downarrow m3_{-22})^{1}} = (1) + \uparrow tt_{+12}(\downarrow tt_{-12})$

$11664 = 2^{4}\bullet 3^{6} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow P5_{+2}(\downarrow P4_{-2})^{6}} = (1) + \uparrow tt_{+12}(\downarrow tt_{-12})$

$11665 = 5^{1}\bullet 2333^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M2_{+26}(\downarrow m7_{-26})^{1}} = (1) + \uparrow tt_{+12}(\downarrow tt_{-12})$

$11666 = 2^{1}\bullet 19^{1}\bullet 307^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow m3_{+15}(\downarrow M6_{-15})^{1}} = (1) + \uparrow tt_{+12}(\downarrow tt_{-12})$

$11667 = 3^{1}\bullet 3889^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M7_{+10}(\downarrow m2_{-10})^{1}} = (1) + \uparrow tt_{+12}(\downarrow tt_{-12})$

$11668 = 2^{2}\bullet 2917^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow tt_{+12}(\downarrow tt_{-12})^{1}} = (1) + \uparrow tt_{+12}(\downarrow tt_{-12})$

$11669 = 7^{1}\bullet 1667^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m6_{+44}(\downarrow M3_{-44})^{1}} = (1) + \uparrow tt_{+12}(\downarrow tt_{-12})$

$11670 = 2^{1}\bullet 3^{1}\bullet 5^{1}\bullet 389^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow P5_{+24}(\downarrow P4_{-24})^{1}} = (1) + \uparrow tt_{+13}(\downarrow tt_{-13})$

$11671 = 11^{1}\bullet 1061^{1} = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m2_{-39}(\downarrow M7_{+39})^{1}} = (1) + \uparrow tt_{+13}(\downarrow tt_{-13})$

$11672 = 2^{3}\bullet 1459^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow tt_{+13}(\downarrow tt_{-13})^{1}} = (1) + \uparrow tt_{+13}(\downarrow tt_{-13})$

$11673 = 3^{2}\bullet 1297^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M3_{+9}(\downarrow m6_{-9})^{1}} = (1) + \uparrow tt_{+13}(\downarrow tt_{-13})$

$11674 = 2^{1}\bullet 13^{1}\bullet 449^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m7_{-27}(\downarrow M2_{+27})^{1}} = (1) + \uparrow tt_{+13}(\downarrow tt_{-13})$

$11675 = 5^{2}\bullet 467^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow m7_{+41}(\downarrow M2_{-41})^{1}} = (1) + \uparrow tt_{+13}(\downarrow tt_{-13})$

$11676 = 2^{2}\bullet 3^{1}\bullet 7^{1}\bullet 139^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m2_{+43}(\downarrow M7_{-43})^{1}} = (1) + \uparrow tt_{+14}(\downarrow tt_{-14})$

$11677 = 11677^{1} = \mathbf{(1) + \uparrow tt_{+14}(\downarrow tt_{-14})}$

$11678 = 2^{1}\bullet 5839^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow tt_{+14}(\downarrow tt_{-14})^{1}} = (1) + \uparrow tt_{+14}(\downarrow tt_{-14})$

$11679 = 3^{1}\bullet 17^{1}\bullet 229^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow m7_{+7}(\downarrow M2_{-7})^{1}} = (1) + \uparrow tt_{+14}(\downarrow tt_{-14})$

$11680 = 2^{5}\bullet 5^{1}\bullet 73^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{5} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M2_{+28}(\downarrow m7_{-28})^{1}} = (1) + \uparrow tt_{+14}(\downarrow tt_{-14})$

$11681 = 11681^{1} = \mathbf{(1) + \uparrow tt_{+14}(\downarrow tt_{-14})}$

$11682 = 2^{1}\bullet 3^{2}\bullet 11^{1}\bullet 59^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow M7_{-41}(\downarrow m2_{+41})^{1}} = (1) + \uparrow tt_{+14}(\downarrow tt_{-14})$

$11683 = 7^{1}\bullet 1669^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m6_{+46}(\downarrow M3_{-46})^{1}} = (1) + \uparrow tt_{+15}(\downarrow tt_{-15})$

$11684 = 2^{2}\bullet 23^{1}\bullet 127^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow 8ve_{-14}(\downarrow uni_{+14})^{1}} = (1) + \uparrow tt_{+15}(\downarrow tt_{-15})$

$11685 = 3^{1}\bullet 5^{1}\bullet 19^{1}\bullet 41^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow M3_{+29}(\downarrow m6_{-29})^{1}} = (1) + \uparrow tt_{+15}(\downarrow tt_{-15})$

$11686 = 2^{1}\bullet 5843^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow tt_{+15}(\downarrow tt_{-15})^{1}} = (1) + \uparrow tt_{+15}(\downarrow tt_{-15})$

$11687 = 13^{1}\bullet 29^{1}\bullet 31^{1} = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1}} = (1) + \uparrow tt_{+15}(\downarrow tt_{-15})$

$11688 = 2^{3}\bullet 3^{1}\bullet 487^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M7_{+13}(\downarrow m2_{-13})^{1}} = (1) + \uparrow tt_{+15}(\downarrow tt_{-15})$

$11689 = 11689^{1} = \mathbf{(1) + \uparrow tt_{+15}(\downarrow tt_{-15})}$

$11690 = 2^{1}\bullet 5^{1}\bullet 7^{1}\bullet 167^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow P4_{-40}(\downarrow P5_{+40})^{1}} = (1) + \uparrow tt_{+16}(\downarrow tt_{-16})$

$11691 = 3^{3}\bullet 433^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow M6_{+10}(\downarrow m3_{-10})^{1}} = (1) + \uparrow tt_{+16}(\downarrow tt_{-16})$

$11692 = 2^{2}\bullet 37^{1}\bullet 79^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m3_{-49}(\downarrow M6_{+49})^{1} + \uparrow M3_{-35}(\downarrow m6_{+35})^{1}} = (1) + \uparrow tt_{+16}(\downarrow tt_{-16})$

$11693 = 11^{1}\bullet 1063^{1} = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m2_{-35}(\downarrow M7_{+35})^{1}} = (1) + \uparrow tt_{+16}(\downarrow tt_{-16})$

$11694 = 2^{1}\bullet 3^{1}\bullet 1949^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M7_{+14}(\downarrow m2_{-14})^{1}} = (1) + \uparrow tt_{+16}(\downarrow tt_{-16})$

$11695 = 5^{1}\bullet 2339^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M2_{+30}(\downarrow m7_{-30})^{1}} = (1) + \uparrow tt_{+16}(\downarrow tt_{-16})$

$11696 = 2^{4}\bullet 17^{1}\bullet 43^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow P4_{+12}(\downarrow P5_{-12})^{1}} = (1) + \uparrow tt_{+16}(\downarrow tt_{-16})$

$11697 = 3^{1}\bullet 7^{1}\bullet 557^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m2_{+46}(\downarrow M7_{-46})^{1}} = (1) + \uparrow tt_{+17}(\downarrow tt_{-17})$

$11698 = 2^{1}\bullet 5849^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow tt_{+17}(\downarrow tt_{-17})^{1}} = (1) + \uparrow tt_{+17}(\downarrow tt_{-17})$

$11699 = 11699^{1} = \mathbf{(1) + \uparrow tt_{+17}(\downarrow tt_{-17})}$

$11700 = 2^{2}\bullet 3^{2}\bullet 5^{2}\bullet 13^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1}} = (1) + \uparrow tt_{+17}(\downarrow tt_{-17})$

$11701 = 11701^{1} = \mathbf{(1) + \uparrow tt_{+17}(\downarrow tt_{-17})}$

$11702 = 2^{1}\bullet 5851^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow tt_{+17}(\downarrow tt_{-17})^{1}} = (1) + \uparrow tt_{+17}(\downarrow tt_{-17})$

$11703 = 3^{1}\bullet 47^{1}\bullet 83^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow P5_{-34}(\downarrow P4_{+34})^{1} + \uparrow P4_{-50}(\downarrow P5_{+50})^{1}} = (1) + \uparrow tt_{+18}(\downarrow tt_{-18})$

$11704 = 2^{3}\bullet 7^{1}\bullet 11^{1}\bullet 19^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1}} = (1) + \uparrow tt_{+18}(\downarrow tt_{-18})$

$11705 = 5^{1}\bullet 2341^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M2_{+31}(\downarrow m7_{-31})^{1}} = (1) + \uparrow tt_{+18}(\downarrow tt_{-18})$

$11706 = 2^{1}\bullet 3^{1}\bullet 1951^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M7_{+16}(\downarrow m2_{-16})^{1}} = (1) + \uparrow tt_{+18}(\downarrow tt_{-18})$

$11707 = 23^{1}\bullet 509^{1} = \mathbf{(1) + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow 8ve_{-10}(\downarrow uni_{+10})^{1}} = (1) + \uparrow tt_{+18}(\downarrow tt_{-18})$

$11708 = 2^{2}\bullet 2927^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow tt_{+18}(\downarrow tt_{-18})^{1}} = (1) + \uparrow tt_{+18}(\downarrow tt_{-18})$

$11709 = 3^{2}\bullet 1301^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M3_{+14}(\downarrow m6_{-14})^{1}} = (1) + \uparrow tt_{+18}(\downarrow tt_{-18})$

$11710 = 2^{1}\bullet 5^{1}\bullet 1171^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M2_{+32}(\downarrow m7_{-32})^{1}} = (1) + \uparrow tt_{+19}(\downarrow tt_{-19})$

$11711 = 7^{2}\bullet 239^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{2} + \uparrow M7_{-19}(\downarrow m2_{+19})^{1}} = (1) + \uparrow tt_{+19}(\downarrow tt_{-19})$

$11712 = 2^{6}\bullet 3^{1}\bullet 61^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{6} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M7_{+17}(\downarrow m2_{-17})^{1}} = (1) + \uparrow tt_{+19}(\downarrow tt_{-19})$

$11713 = 13^{1}\bullet 17^{1}\bullet 53^{1} = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow M6_{-26}(\downarrow m3_{+26})^{1}} = (1) + \uparrow tt_{+19}(\downarrow tt_{-19})$

$11714 = 2^{1}\bullet 5857^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow tt_{+19}(\downarrow tt_{-19})^{1}} = (1) + \uparrow tt_{+19}(\downarrow tt_{-19})$

$11715 = 3^{1}\bullet 5^{1}\bullet 11^{1}\bullet 71^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow M2_{-20}(\downarrow m7_{+20})^{1}} = (1) + \uparrow tt_{+19}(\downarrow tt_{-19})$

$11716 = 2^{2}\bullet 29^{1}\bullet 101^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1} + \uparrow m6_{-10}(\downarrow M3_{+10})^{1}} = (1) + \uparrow tt_{+19}(\downarrow tt_{-19})$

$11717 = 11717^{1} = \mathbf{(1) + \uparrow tt_{+20}(\downarrow tt_{-20})}$

$11718 = 2^{1}\bullet 3^{3}\bullet 7^{1}\bullet 31^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1}} = (1) + \uparrow tt_{+20}(\downarrow tt_{-20})$

$11719 = 11719^{1} = \mathbf{(1) + \uparrow tt_{+20}(\downarrow tt_{-20})}$

$11720 = 2^{3}\bullet 5^{1}\bullet 293^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M2_{+34}(\downarrow m7_{-34})^{1}} = (1) + \uparrow tt_{+20}(\downarrow tt_{-20})$

$11721 = 3^{1}\bullet 3907^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M7_{+18}(\downarrow m2_{-18})^{1}} = (1) + \uparrow tt_{+20}(\downarrow tt_{-20})$

$11722 = 2^{1}\bullet 5861^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow tt_{+20}(\downarrow tt_{-20})^{1}} = (1) + \uparrow tt_{+20}(\downarrow tt_{-20})$

$11723 = 19^{1}\bullet 617^{1} = \mathbf{(1) + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow m3_{+23}(\downarrow M6_{-23})^{1}} = (1) + \uparrow tt_{+20}(\downarrow tt_{-20})$

$11724 = 2^{2}\bullet 3^{1}\bullet 977^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M7_{+19}(\downarrow m2_{-19})^{1}} = (1) + \uparrow tt_{+21}(\downarrow tt_{-21})$

$11725 = 5^{2}\bullet 7^{1}\bullet 67^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m2_{-21}(\downarrow M7_{+21})^{1}} = (1) + \uparrow tt_{+21}(\downarrow tt_{-21})$

$11726 = 2^{1}\bullet 11^{1}\bullet 13^{1}\bullet 41^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow M3_{+29}(\downarrow m6_{-29})^{1}} = (1) + \uparrow tt_{+21}(\downarrow tt_{-21})$

$11727 = 3^{2}\bullet 1303^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M3_{+17}(\downarrow m6_{-17})^{1}} = (1) + \uparrow tt_{+21}(\downarrow tt_{-21})$

$11728 = 2^{4}\bullet 733^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow tt_{+21}(\downarrow tt_{-21})^{1}} = (1) + \uparrow tt_{+21}(\downarrow tt_{-21})$

$11729 = 37^{1}\bullet 317^{1} = \mathbf{(1) + \uparrow m3_{-49}(\downarrow M6_{+49})^{1} + \uparrow M3_{-30}(\downarrow m6_{+30})^{1}} = (1) + \uparrow tt_{+21}(\downarrow tt_{-21})$

$11730 = 2^{1}\bullet 3^{1}\bullet 5^{1}\bullet 17^{1}\bullet 23^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1}} =$

$(1) + \uparrow tt_{+21}(\downarrow tt_{-21})$

$11731 = 11731^{1} = \mathbf{(1) + \uparrow tt_{+22}(\downarrow tt_{-22})}$

$11732 = 2^{2}\bullet 7^{1}\bullet 419^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M6_{-47}(\downarrow m3_{+47})^{1}} = (1) + \uparrow tt_{+22}(\downarrow tt_{-22})$

$11733 = 3^{1}\bullet 3911^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M7_{+20}(\downarrow m2_{-20})^{1}} = (1) + \uparrow tt_{+22}(\downarrow tt_{-22})$

$11734 = 2^{1}\bullet 5867^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow tt_{+22}(\downarrow tt_{-22})^{1}} = (1) + \uparrow tt_{+22}(\downarrow tt_{-22})$

$11735 = 5^{1}\bullet 2347^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M2_{+36}(\downarrow m7_{-36})^{1}} = (1) + \uparrow tt_{+22}(\downarrow tt_{-22})$

$11736 = 2^{3}\bullet 3^{2}\bullet 163^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M3_{+18}(\downarrow m6_{-18})^{1}} = (1) + \uparrow tt_{+22}(\downarrow tt_{-22})$

$11737 = 11^{2}\bullet 97^{1} = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^{2} + \uparrow P5_{+20}(\downarrow P4_{-20})^{1}} = (1) + \uparrow tt_{+23}(\downarrow tt_{-23})$

$11738 = 2^{1}\bullet 5869^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow tt_{+23}(\downarrow tt_{-23})^{1}} = (1) + \uparrow tt_{+23}(\downarrow tt_{-23})$

$11739 = 3^{1}\bullet 7^{1}\bullet 13^{1}\bullet 43^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow P4_{+12}(\downarrow P5_{-12})^{1}} = (1) + \uparrow tt_{+23}(\downarrow tt_{-23})$

$11740 = 2^{2}\bullet 5^{1}\bullet 587^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M2_{+37}(\downarrow m7_{-37})^{1}} = (1) + \uparrow tt_{+23}(\downarrow tt_{-23})$

$11741 = 59^{1}\bullet 199^{1} = \mathbf{(1) + \uparrow M7_{-41}(\downarrow m2_{+41})^{1} + \uparrow m6_{-36}(\downarrow M3_{+36})^{1}} = (1) + \uparrow tt_{+23}(\downarrow tt_{-23})$

$11742 = 2^{1}\bullet 3^{1}\bullet 19^{1}\bullet 103^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow m6_{+24}(\downarrow M3_{-24})^{1}} = (1) + \uparrow tt_{+23}(\downarrow tt_{-23})$

$11743 = 11743^{1} = \mathbf{(1) + \uparrow tt_{+23}(\downarrow tt_{-23})}$

$11744 = 2^{5}\bullet 367^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{5} + \uparrow tt_{+24}(\downarrow tt_{-24})^{1}} = (1) + \uparrow tt_{+24}(\downarrow tt_{-24})$

$11745 = 3^{4}\bullet 5^{1}\bullet 29^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{4} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1}} = (1) + \uparrow tt_{+24}(\downarrow tt_{-24})$

$11746 = 2^{1}\bullet 7^{1}\bullet 839^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M6_{-45}(\downarrow m3_{+45})^{1}} = (1) + \uparrow tt_{+24}(\downarrow tt_{-24})$

$11747 = 17^{1}\bullet 691^{1} = \mathbf{(1) + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow P4_{+19}(\downarrow P5_{-19})^{1}} = (1) + \uparrow tt_{+24}(\downarrow tt_{-24})$

$11748 = 2^{2}\bullet 3^{1}\bullet 11^{1}\bullet 89^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow tt_{-29}(\downarrow tt_{+29})^{1}} = (1) + \uparrow tt_{+24}(\downarrow tt_{-24})$

$11749 = 31^{1}\bullet 379^{1} = \mathbf{(1) + \uparrow M7_{+45}(\downarrow m2_{-45})^{1} + \uparrow P5_{-21}(\downarrow P4_{+21})^{1}} = (1) + \uparrow tt_{+24}(\downarrow tt_{-24})$

$11750 = 2^{1}\bullet 5^{3}\bullet 47^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{3} + \uparrow P5_{-34}(\downarrow P4_{+34})^{1}} = (1) + \uparrow tt_{+24}(\downarrow tt_{-24})$

$11751 = 3^{1}\bullet 3917^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M7_{+23}(\downarrow m2_{-23})^{1}} = (1) + \uparrow tt_{+25}(\downarrow tt_{-25})$

$11752 = 2^{3}\bullet 13^{1}\bullet 113^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m7_{-16}(\downarrow M2_{+16})^{1}} = (1) + \uparrow tt_{+25}(\downarrow tt_{-25})$

$11753 = 7^{1}\bullet 23^{1}\bullet 73^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow M2_{+28}(\downarrow m7_{-28})^{1}} = (1) + \uparrow tt_{+25}(\downarrow tt_{-25})$

$11754 = 2^{1}\bullet 3^{2}\bullet 653^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M3_{+21}(\downarrow m6_{-21})^{1}} = (1) + \uparrow tt_{+25}(\downarrow tt_{-25})$

$11755 = 5^{1}\bullet 2351^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M2_{+39}(\downarrow m7_{-39})^{1}} = (1) + \uparrow tt_{+25}(\downarrow tt_{-25})$

$11756 = 2^{2}\bullet 2939^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow tt_{+25}(\downarrow tt_{-25})^{1}} = (1) + \uparrow tt_{+25}(\downarrow tt_{-25})$

$11757 = 3^{1}\bullet 3919^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M7_{+24}(\downarrow m2_{-24})^{1}} = (1) + \uparrow tt_{+25}(\downarrow tt_{-25})$

$11758 = 2^{1}\bullet 5879^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow tt_{+26}(\downarrow tt_{-26})^{1}} = (1) + \uparrow tt_{+26}(\downarrow tt_{-26})$

$11759 = 11^{1}\bullet 1069^{1} = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m2_{-26}(\downarrow M7_{+26})^{1}} = (1) + \uparrow tt_{+26}(\downarrow tt_{-26})$

$11760 = 2^{4}\bullet 3^{1}\bullet 5^{1}\bullet 7^{2} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{2}} = (1) + \uparrow tt_{+26}(\downarrow tt_{-26})$

$11761 = 19^{1}\bullet 619^{1} = \mathbf{(1) + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow m3_{+29}(\downarrow M6_{-29})^{1}} = (1) + \uparrow tt_{+26}(\downarrow tt_{-26})$

$11762 = 2^{1}\bullet 5881^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow tt_{+26}(\downarrow tt_{-26})^{1}} = (1) + \uparrow tt_{+26}(\downarrow tt_{-26})$

$11763 = 3^{2}\bullet 1307^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M3_{+22}(\downarrow m6_{-22})^{1}} = (1) + \uparrow tt_{+26}(\downarrow tt_{-26})$

$11764 = 2^{2}\bullet 17^{1}\bullet 173^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow P4_{+22}(\downarrow P5_{-22})^{1}} = (1) + \uparrow tt_{+27}(\downarrow tt_{-27})$

$11765 = 5^{1}\bullet 13^{1}\bullet 181^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow tt_{+0}(\downarrow tt_{-0})^{1}} = (1) + \uparrow tt_{+27}(\downarrow tt_{-27})$

$11766 = 2^{1}\bullet 3^{1}\bullet 37^{1}\bullet 53^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m3_{-49}(\downarrow M6_{+49})^{1} + \uparrow M6_{-26}(\downarrow m3_{+26})^{1}} = (1) + \uparrow tt_{+27}(\downarrow tt_{-27})$

$11767 = 7^{1}\bullet 41^{2} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M3_{+29}(\downarrow m6_{-29})^{2}} = (1) + \uparrow tt_{+27}(\downarrow tt_{-27})$

$11768 = 2^{3}\bullet 1471^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow tt_{+27}(\downarrow tt_{-27})^{1}} = (1) + \uparrow tt_{+27}(\downarrow tt_{-27})$

$11769 = 3^{1}\bullet 3923^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M7_{+25}(\downarrow m2_{-25})^{1}} = (1) + \uparrow tt_{+27}(\downarrow tt_{-27})$

$11770 = 2^{1}\bullet 5^{1}\bullet 11^{1}\bullet 107^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow M6_{-10}(\downarrow m3_{+10})^{1}} = (1) + \uparrow tt_{+27}(\downarrow tt_{-27})$

$11771 = 79^{1}\bullet 149^{1} = \mathbf{(1) + \uparrow M3_{-35}(\downarrow m6_{+35})^{1} + \uparrow m3_{-37}(\downarrow M6_{+37})^{1}} = (1) + \uparrow tt_{+28}(\downarrow tt_{-28})$

$11772 = 2^{2}\bullet 3^{3}\bullet 109^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow M6_{+22}(\downarrow m3_{-22})^{1}} = (1) + \uparrow tt_{+28}(\downarrow tt_{-28})$

$11773 = 61^{1}\bullet 193^{1} = \mathbf{(1) + \uparrow M7_{+17}(\downarrow m2_{-17})^{1} + \uparrow P5_{+11}(\downarrow P4_{-11})^{1}} = (1) + \uparrow tt_{+28}(\downarrow tt_{-28})$

$11774 = 2^{1}\bullet 7^{1}\bullet 29^{2} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m7_{+30}(\downarrow M2_{-30})^{2}} = (1) + \uparrow tt_{+28}(\downarrow tt_{-28})$

$11775 = 3^{1}\bullet 5^{2}\bullet 157^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow M3_{-46}(\downarrow m6_{+46})^{1}} = (1) + \uparrow tt_{+28}(\downarrow tt_{-28})$

$11776 = 2^{9}\bullet 23^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{9} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1}} = (1) + \uparrow tt_{+28}(\downarrow tt_{-28})$

$11777 = 11777^{1} = \mathbf{(1) + \uparrow tt_{+28}(\downarrow tt_{-28})}$

$11778 = 2^{1}\bullet 3^{1}\bullet 13^{1}\bullet 151^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m3_{-14}(\downarrow M6_{+14})^{1}} = (1) + \uparrow tt_{+29}(\downarrow tt_{-29})$

$11779 = 11779^{1} = \mathbf{(1) + \uparrow tt_{+29}(\downarrow tt_{-29})}$

$11780 = 2^{2}\bullet 5^{1}\bullet 19^{1}\bullet 31^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1}} = (1) + \uparrow tt_{+29}(\downarrow tt_{-29})$

$11781 = 3^{2}\bullet 7^{1}\bullet 11^{1}\bullet 17^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1}} = (1) + \uparrow tt_{+29}(\downarrow tt_{-29})$

$11782 = 2^{1}\bullet 43^{1}\bullet 137^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P4_{+12}(\downarrow P5_{-12})^{1} + \uparrow m2_{+18}(\downarrow M7_{-18})^{1}} = (1) + \uparrow tt_{+29}(\downarrow tt_{-29})$

$11783 = 11783^{1} = \mathbf{(1) + \uparrow tt_{+29}(\downarrow tt_{-29})}$

$11784 = 2^{3}\bullet 3^{1}\bullet 491^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M7_{+27}(\downarrow m2_{-27})^{1}} = (1) + \uparrow tt_{+29}(\downarrow tt_{-29})$

$11785 = 5^{1}\bullet 2357^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M2_{+43}(\downarrow m7_{-43})^{1}} = (1) + \uparrow tt_{+30}(\downarrow tt_{-30})$

$11786 = 2^{1}\bullet 71^{1}\bullet 83^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M2_{-20}(\downarrow m7_{+20})^{1} + \uparrow P4_{-50}(\downarrow P5_{+50})^{1}} = (1) + \uparrow tt_{+30}(\downarrow tt_{-30})$

$11787 = 3^{1}\bullet 3929^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M7_{+28}(\downarrow m2_{-28})^{1}} = (1) + \uparrow tt_{+30}(\downarrow tt_{-30})$

$11788 = 2^{2}\bullet 7^{1}\bullet 421^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M6_{-39}(\downarrow m3_{+39})^{1}} = (1) + \uparrow tt_{+30}(\downarrow tt_{-30})$

$11789 = 11789^{1} = \mathbf{(1) + \uparrow tt_{+30}(\downarrow tt_{-30})}$

$11790 = 2^{1}\bullet 3^{2}\bullet 5^{1}\bullet 131^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow uni_{+40}(\downarrow 8ve_{-40})^{1}} = (1) + \uparrow tt_{+30}(\downarrow tt_{-30})$

$11791 = 13^{1}\bullet 907^{1} = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m7_{-10}(\downarrow M2_{+10})^{1}} = (1) + \uparrow tt_{+30}(\downarrow tt_{-30})$

$11792 = 2^{4}\bullet 11^{1}\bullet 67^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m2_{-21}(\downarrow M7_{+21})^{1}} = (1) + \uparrow tt_{+31}(\downarrow tt_{-31})$

$11793 = 3^{1}\bullet 3931^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M7_{+29}(\downarrow m2_{-29})^{1}} = (1) + \uparrow tt_{+31}(\downarrow tt_{-31})$

$11794 = 2^{1}\bullet 5897^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow tt_{+31}(\downarrow tt_{-31})^{1}} = (1) + \uparrow tt_{+31}(\downarrow tt_{-31})$

$11795 = 5^{1}\bullet 7^{1}\bullet 337^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow P4_{-24}(\downarrow P5_{+24})^{1}} = (1) + \uparrow tt_{+31}(\downarrow tt_{-31})$

$11796 = 2^{2}\bullet 3^{1}\bullet 983^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M7_{+29}(\downarrow m2_{-29})^{1}} = (1) + \uparrow tt_{+31}(\downarrow tt_{-31})$

$11797 = 47^{1}\bullet 251^{1} = \mathbf{(1) + \uparrow P5_{-34}(\downarrow P4_{+34})^{1} + \uparrow 8ve_{-34}(\downarrow uni_{+34})^{1}} = (1) + \uparrow tt_{+31}(\downarrow tt_{-31})$

$11798 = 2^{1}\bullet 17^{1}\bullet 347^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow P4_{+27}(\downarrow P5_{-27})^{1}} = (1) + \uparrow tt_{+32}(\downarrow tt_{-32})$

$11799 = 3^{3}\bullet 19^{1}\bullet 23^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1}} = (1) + \uparrow tt_{+32}(\downarrow tt_{-32})$

$11800 = 2^{3}\bullet 5^{2}\bullet 59^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow M7_{-41}(\downarrow m2_{+41})^{1}} = (1) + \uparrow tt_{+32}(\downarrow tt_{-32})$

$11801 = 11801^{1} = \mathbf{(1) + \uparrow tt_{+32}(\downarrow tt_{-32})}$

$11802 = 2^{1}\bullet 3^{1}\bullet 7^{1}\bullet 281^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M2_{-39}(\downarrow m7_{+39})^{1}} = (1) + \uparrow tt_{+32}(\downarrow tt_{-32})$

$11803 = 11^{1}\bullet 29^{1}\bullet 37^{1} = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1} + \uparrow m3_{-49}(\downarrow M6_{+49})^{1}} = (1) + \uparrow tt_{+32}(\downarrow tt_{-32})$

$11804 = 2^{2}\bullet 13^{1}\bullet 227^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m7_{-8}(\downarrow M2_{+8})^{1}} = (1) + \uparrow tt_{+32}(\downarrow tt_{-32})$

$11805 = 3^{1}\bullet 5^{1}\bullet 787^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow P5_{+44}(\downarrow P4_{-44})^{1}} = (1) + \uparrow tt_{+33}(\downarrow tt_{-33})$

$11806 = 2^{1}\bullet 5903^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow tt_{+33}(\downarrow tt_{-33})^{1}} = (1) + \uparrow tt_{+33}(\downarrow tt_{-33})$

$11807 = 11807^{1} = \mathbf{(1) + \uparrow tt_{+33}(\downarrow tt_{-33})}$

$11808 = 2^{5}\bullet 3^{2}\bullet 41^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{5} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M3_{+29}(\downarrow m6_{-29})^{1}} = (1) + \uparrow tt_{+33}(\downarrow tt_{-33})$

$11809 = 7^{2}\bullet 241^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{2} + \uparrow M7_{-5}(\downarrow m2_{+5})^{1}} = (1) + \uparrow tt_{+33}(\downarrow tt_{-33})$

$11810 = 2^{1}\bullet 5^{1}\bullet 1181^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M2_{+47}(\downarrow m7_{-47})^{1}} = (1) + \uparrow tt_{+33}(\downarrow tt_{-33})$

$11811 = 3^{1}\bullet 31^{1}\bullet 127^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1} + \uparrow 8ve_{-14}(\downarrow uni_{+14})^{1}} = (1) + \uparrow tt_{+33}(\downarrow tt_{-33})$

$11812 = 2^{2}\bullet 2953^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow tt_{+34}(\downarrow tt_{-34})^{1}} = (1) + \uparrow tt_{+34}(\downarrow tt_{-34})$

$11813 = 11813^{1} = \mathbf{(1) + \uparrow tt_{+34}(\downarrow tt_{-34})}$

$11814 = 2^{1}\bullet 3^{1}\bullet 11^{1}\bullet 179^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow tt_{-19}(\downarrow tt_{+19})^{1}} = (1) + \uparrow tt_{+34}(\downarrow tt_{-34})$

$11815 = 5^{1}\bullet 17^{1}\bullet 139^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow m2_{+43}(\downarrow M7_{-43})^{1}} = (1) + \uparrow tt_{+34}(\downarrow tt_{-34})$

$11816 = 2^{3}\bullet 7^{1}\bullet 211^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M6_{-35}(\downarrow m3_{+35})^{1}} = (1) + \uparrow tt_{+34}(\downarrow tt_{-34})$

$11817 = 3^{2}\bullet 13^{1}\bullet 101^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m6_{-10}(\downarrow M3_{+10})^{1}} = (1) + \uparrow tt_{+34}(\downarrow tt_{-34})$

$11818 = 2^{1}\bullet 19^{1}\bullet 311^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow m3_{+37}(\downarrow M6_{-37})^{1}} = (1) + \uparrow tt_{+34}(\downarrow tt_{-34})$

$11819 = 53^{1}\bullet 223^{1} = \mathbf{(1) + \uparrow M6_{-26}(\downarrow m3_{+26})^{1} + \uparrow m7_{-39}(\downarrow M2_{+39})^{1}} = (1) + \uparrow tt_{+35}(\downarrow tt_{-35})$

$11820 = 2^{2}\bullet 3^{1}\bullet 5^{1}\bullet 197^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow P5_{+46}(\downarrow P4_{-46})^{1}} = (1) + \uparrow tt_{+35}(\downarrow tt_{-35})$

$11821 = 11821^{1} = \mathbf{(1) + \uparrow tt_{+35}(\downarrow tt_{-35})}$

$11822 = 2^{1}\bullet 23^{1}\bullet 257^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow uni_{+7}(\downarrow 8ve_{-7})^{1}} = (1) + \uparrow tt_{+35}(\downarrow tt_{-35})$

$11823 = 3^{1}\bullet 7^{1}\bullet 563^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M2_{-36}(\downarrow m7_{+36})^{1}} = (1) + \uparrow tt_{+35}(\downarrow tt_{-35})$

$11824 = 2^{4}\bullet 739^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow tt_{+35}(\downarrow tt_{-35})^{1}} = (1) + \uparrow tt_{+35}(\downarrow tt_{-35})$

$11825 = 5^{2}\bullet 11^{1}\bullet 43^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow P4_{+12}(\downarrow P5_{-12})^{1}} = (1) + \uparrow tt_{+35}(\downarrow tt_{-35})$

$11826 = 2^{1}\bullet 3^{4}\bullet 73^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{4} + \uparrow M2_{+28}(\downarrow m7_{-28})^{1}} = (1) + \uparrow tt_{+36}(\downarrow tt_{-36})$

$11827 = 11827^{1} = \mathbf{(1) + \uparrow tt_{+36}(\downarrow tt_{-36})}$

$11828 = 2^{2}\bullet 2957^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow tt_{+36}(\downarrow tt_{-36})^{1}} = (1) + \uparrow tt_{+36}(\downarrow tt_{-36})$

$11829 = 3^{1}\bullet 3943^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M7_{+34}(\downarrow m2_{-34})^{1}} = (1) + \uparrow tt_{+36}(\downarrow tt_{-36})$

$11830 = 2^{1}\bullet 5^{1}\bullet 7^{1}\bullet 13^{2} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{2}} = (1) + \uparrow tt_{+36}(\downarrow tt_{-36})$

$11831 = 11831^{1} = \mathbf{(1) + \uparrow tt_{+36}(\downarrow tt_{-36})}$

$11832 = 2^{3}\bullet 3^{1}\bullet 17^{1}\bullet 29^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1}} = (1) + \uparrow tt_{+36}(\downarrow tt_{-36})$

$11833 = 11833^{1} = \mathbf{(1) + \uparrow tt_{+37}(\downarrow tt_{-37})}$

$11834 = 2^{1}\bullet 61^{1}\bullet 97^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M7_{+17}(\downarrow m2_{-17})^{1} + \uparrow P5_{+20}(\downarrow P4_{-20})^{1}} = (1) + \uparrow tt_{+37}(\downarrow tt_{-37})$

$11835 = 3^{2}\bullet 5^{1}\bullet 263^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow uni_{+47}(\downarrow 8ve_{-47})^{1}} = (1) + \uparrow tt_{+37}(\downarrow tt_{-37})$

$11836 = 2^{2}\bullet 11^{1}\bullet 269^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m2_{-14}(\downarrow M7_{+14})^{1}} = (1) + \uparrow tt_{+37}(\downarrow tt_{-37})$

$11837 = 7^{1}\bullet 19^{1}\bullet 89^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow tt_{-29}(\downarrow tt_{+29})^{1}} = (1) + \uparrow tt_{+37}(\downarrow tt_{-37})$

$11838 = 2^{1}\bullet 3^{1}\bullet 1973^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M7_{+35}(\downarrow m2_{-35})^{1}} = (1) + \uparrow tt_{+37}(\downarrow tt_{-37})$

$11839 = 11839^{1} = \mathbf{(1) + \uparrow tt_{+38}(\downarrow tt_{-38})}$

$11840 = 2^{6}\bullet 5^{1}\bullet 37^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{6} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m3_{-49}(\downarrow M6_{+49})^{1}} = (1) + \uparrow tt_{+38}(\downarrow tt_{-38})$

$11841 = 3^{1}\bullet 3947^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M7_{+36}(\downarrow m2_{-36})^{1}} = (1) + \uparrow tt_{+38}(\downarrow tt_{-38})$

$11842 = 2^{1}\bullet 31^{1}\bullet 191^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1} + \uparrow P5_{-7}(\downarrow P4_{+7})^{1}} = (1) + \uparrow tt_{+38}(\downarrow tt_{-38})$

$11843 = 13^{1}\bullet 911^{1} = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m7_{-2}(\downarrow M2_{+2})^{1}} = (1) + \uparrow tt_{+38}(\downarrow tt_{-38})$

$11844 = 2^{2}\bullet 3^{2}\bullet 7^{1}\bullet 47^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow P5_{-34}(\downarrow P4_{+34})^{1}} = (1) + \uparrow tt_{+38}(\downarrow tt_{-38})$

$11845 = 5^{1}\bullet 23^{1}\bullet 103^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow m6_{+24}(\downarrow M3_{-24})^{1}} = (1) + \uparrow tt_{+38}(\downarrow tt_{-38})$

$11846 = 2^{1}\bullet 5923^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow tt_{+39}(\downarrow tt_{-39})^{1}} = (1) + \uparrow tt_{+39}(\downarrow tt_{-39})$

$11847 = 3^{1}\bullet 11^{1}\bullet 359^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow tt_{-15}(\downarrow tt_{+15})^{1}} = (1) + \uparrow tt_{+39}(\downarrow tt_{-39})$

$11848 = 2^{3}\bullet 1481^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow tt_{+39}(\downarrow tt_{-39})^{1}} = (1) + \uparrow tt_{+39}(\downarrow tt_{-39})$

$11849 = 17^{2}\bullet 41^{1} = \mathbf{(1) + \uparrow m2_{+5}(\downarrow M7_{-5})^{2} + \uparrow M3_{+29}(\downarrow m6_{-29})^{1}} = (1) + \uparrow tt_{+39}(\downarrow tt_{-39})$

$11850 = 2^{1}\bullet 3^{1}\bullet 5^{2}\bullet 79^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow M3_{-35}(\downarrow m6_{+35})^{1}} = (1) + \uparrow tt_{+39}(\downarrow tt_{-39})$

$11851 = 7^{1}\bullet 1693^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M6_{-30}(\downarrow m3_{+30})^{1}} = (1) + \uparrow tt_{+39}(\downarrow tt_{-39})$

$11852 = 2^{2}\bullet 2963^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow tt_{+39}(\downarrow tt_{-39})^{1}} = (1) + \uparrow tt_{+39}(\downarrow tt_{-39})$

$11853 = 3^{3}\bullet 439^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow M6_{+34}(\downarrow m3_{-34})^{1}} = (1) + \uparrow tt_{+40}(\downarrow tt_{-40})$

$11854 = 2^{1}\bullet 5927^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow tt_{+40}(\downarrow tt_{-40})^{1}} = (1) + \uparrow tt_{+40}(\downarrow tt_{-40})$

$11855 = 5^{1}\bullet 2371^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m3_{-46}(\downarrow M6_{+46})^{1}} = (1) + \uparrow tt_{+40}(\downarrow tt_{-40})$

$11856 = 2^{4}\bullet 3^{1}\bullet 13^{1}\bullet 19^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1}} = (1) + \uparrow tt_{+40}(\downarrow tt_{-40})$

$11857 = 71^{1}\bullet 167^{1} = \mathbf{(1) + \uparrow M2_{-20}(\downarrow m7_{+20})^{1} + \uparrow P4_{-40}(\downarrow P5_{+40})^{1}} = (1) + \uparrow tt_{+40}(\downarrow tt_{-40})$

$11858 = 2^{1}\bullet 7^{2}\bullet 11^{2} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{2} + \uparrow tt_{-49}(\downarrow tt_{+49})^{2}} = (1) + \uparrow tt_{+40}(\downarrow tt_{-40})$

$11859 = 3^{1}\bullet 59^{1}\bullet 67^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M7_{-41}(\downarrow m2_{+41})^{1} + \uparrow m2_{-21}(\downarrow M7_{+21})^{1}} = (1) + \uparrow tt_{+40}(\downarrow tt_{-40})$

$11860 = 2^{2}\bullet 5^{1}\bullet 593^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m3_{-46}(\downarrow M6_{+46})^{1}} = (1) + \uparrow tt_{+41}(\downarrow tt_{-41})$

$11861 = 29^{1}\bullet 409^{1} = \mathbf{(1) + \uparrow m7_{+30}(\downarrow M2_{-30})^{1} + \uparrow m6_{+11}(\downarrow M3_{-11})^{1}} = (1) + \uparrow tt_{+41}(\downarrow tt_{-41})$

$11862 = 2^{1}\bullet 3^{2}\bullet 659^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M3_{+37}(\downarrow m6_{-37})^{1}} = (1) + \uparrow tt_{+41}(\downarrow tt_{-41})$

$11863 = 11863^{1} = \mathbf{(1) + \uparrow tt_{+41}(\downarrow tt_{-41})}$

$11864 = 2^{3}\bullet 1483^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow tt_{+41}(\downarrow tt_{-41})^{1}} = (1) + \uparrow tt_{+41}(\downarrow tt_{-41})$

$11865 = 3^{1}\bullet 5^{1}\bullet 7^{1}\bullet 113^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m7_{-16}(\downarrow M2_{+16})^{1}} = (1) + \uparrow tt_{+41}(\downarrow tt_{-41})$

$11866 = 2^{1}\bullet 17^{1}\bullet 349^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow P4_{+36}(\downarrow P5_{-36})^{1}} = (1) + \uparrow tt_{+41}(\downarrow tt_{-41})$

$11867 = 11867^{1} = \mathbf{(1) + \uparrow tt_{+42}(\downarrow tt_{-42})}$

$11868 = 2^{2}\bullet 3^{1}\bullet 23^{1}\bullet 43^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow P4_{+12}(\downarrow P5_{-12})^{1}} = (1) + \uparrow tt_{+42}(\downarrow tt_{-42})$

$11869 = 11^{1}\bullet 13^{1}\bullet 83^{1} = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow P4_{-50}(\downarrow P5_{+50})^{1}} = (1) + \uparrow tt_{+42}(\downarrow tt_{-42})$

$11870 = 2^{1}\bullet 5^{1}\bullet 1187^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m3_{-44}(\downarrow M6_{+44})^{1}} = (1) + \uparrow tt_{+42}(\downarrow tt_{-42})$

$11871 = 3^{2}\bullet 1319^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M3_{+38}(\downarrow m6_{-38})^{1}} = (1) + \uparrow tt_{+42}(\downarrow tt_{-42})$

$11872 = 2^{5}\bullet 7^{1}\bullet 53^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{5} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M6_{-26}(\downarrow m3_{+26})^{1}} = (1) + \uparrow tt_{+42}(\downarrow tt_{-42})$

$11873 = 31^{1}\bullet 383^{1} = \mathbf{(1) + \uparrow M7_{+45}(\downarrow m2_{-45})^{1} + \uparrow P5_{-3}(\downarrow P4_{+3})^{1}} = (1) + \uparrow tt_{+42}(\downarrow tt_{-42})$

$11874 = 2^{1}\bullet 3^{1}\bullet 1979^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M7_{+41}(\downarrow m2_{-41})^{1}} = (1) + \uparrow tt_{+43}(\downarrow tt_{-43})$

$11875 = 5^{4}\bullet 19^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{4} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1}} = (1) + \uparrow tt_{+43}(\downarrow tt_{-43})$

$11876 = 2^{2}\bullet 2969^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow tt_{+43}(\downarrow tt_{-43})^{1}} = (1) + \uparrow tt_{+43}(\downarrow tt_{-43})$

$11877 = 3^{1}\bullet 37^{1}\bullet 107^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m3_{-49}(\downarrow M6_{+49})^{1} + \uparrow M6_{-10}(\downarrow m3_{+10})^{1}} = (1) + \uparrow tt_{+43}(\downarrow tt_{-43})$

$11878 = 2^{1}\bullet 5939^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow tt_{+43}(\downarrow tt_{-43})^{1}} = (1) + \uparrow tt_{+43}(\downarrow tt_{-43})$

$11879 = 7^{1}\bullet 1697^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M6_{-25}(\downarrow m3_{+25})^{1}} = (1) + \uparrow tt_{+43}(\downarrow tt_{-43})$

$11880 = 2^{3}\bullet 3^{3}\bullet 5^{1}\bullet 11^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1}} = (1) + \uparrow tt_{+43}(\downarrow tt_{-43})$

$11881 = 109^{2} = \mathbf{(1) + \uparrow M6_{+22}(\downarrow m3_{-22})^{2}} = (1) + \uparrow tt_{+44}(\downarrow tt_{-44})$

$11882 = 2^{1}\bullet 13^{1}\bullet 457^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m7_{+3}(\downarrow M2_{-3})^{1}} = (1) + \uparrow tt_{+44}(\downarrow tt_{-44})$

$11883 = 3^{1}\bullet 17^{1}\bullet 233^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow m7_{+37}(\downarrow M2_{-37})^{1}} = (1) + \uparrow tt_{+44}(\downarrow tt_{-44})$

$11884 = 2^{2}\bullet 2971^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow tt_{+44}(\downarrow tt_{-44})^{1}} = (1) + \uparrow tt_{+44}(\downarrow tt_{-44})$

$11885 = 5^{1}\bullet 2377^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m3_{-42}(\downarrow M6_{+42})^{1}} = (1) + \uparrow tt_{+44}(\downarrow tt_{-44})$

$11886 = 2^{1}\bullet 3^{1}\bullet 7^{1}\bullet 283^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M2_{-26}(\downarrow m7_{+26})^{1}} = (1) + \uparrow tt_{+44}(\downarrow tt_{-44})$

$11887 = 11887^{1} = \mathbf{(1) + \uparrow tt_{+45}(\downarrow tt_{-45})}$

$11888 = 2^{4}\bullet 743^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow tt_{+45}(\downarrow tt_{-45})^{1}} = (1) + \uparrow tt_{+45}(\downarrow tt_{-45})$

$11889 = 3^{2}\bullet 1321^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M3_{+41}(\downarrow m6_{-41})^{1}} = (1) + \uparrow tt_{+45}(\downarrow tt_{-45})$

$11890 = 2^{1}\bullet 5^{1}\bullet 29^{1}\bullet 41^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1} + \uparrow M3_{+29}(\downarrow m6_{-29})^{1}} = (1) + \uparrow tt_{+45}(\downarrow tt_{-45})$

$11891 = 11^{1}\bullet 23^{1}\bullet 47^{1} = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow P5_{-34}(\downarrow P4_{+34})^{1}} = (1) + \uparrow tt_{+45}(\downarrow tt_{-45})$

$11892 = 2^{2}\bullet 3^{1}\bullet 991^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M7_{+43}(\downarrow m2_{-43})^{1}} = (1) + \uparrow tt_{+45}(\downarrow tt_{-45})$

$11893 = 7^{1}\bullet 1699^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M6_{-23}(\downarrow m3_{+23})^{1}} = (1) + \uparrow tt_{+45}(\downarrow tt_{-45})$

$11894 = 2^{1}\bullet 19^{1}\bullet 313^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow m3_{+48}(\downarrow M6_{-48})^{1}} = (1) + \uparrow tt_{+46}(\downarrow tt_{-46})$

$11895 = 3^{1}\bullet 5^{1}\bullet 13^{1}\bullet 61^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow M7_{+17}(\downarrow m2_{-17})^{1}} = (1) + \uparrow tt_{+46}(\downarrow tt_{-46})$

$11896 = 2^{3}\bullet 1487^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow tt_{+46}(\downarrow tt_{-46})^{1}} = (1) + \uparrow tt_{+46}(\downarrow tt_{-46})$

$11897 = 11897^{1} = \mathbf{(1) + \uparrow tt_{+46}(\downarrow tt_{-46})}$

$11898 = 2^{1}\bullet 3^{2}\bullet 661^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M3_{+42}(\downarrow m6_{-42})^{1}} = (1) + \uparrow tt_{+46}(\downarrow tt_{-46})$

$11899 = 73^{1}\bullet 163^{1} = \mathbf{(1) + \uparrow M2_{+28}(\downarrow m7_{-28})^{1} + \uparrow M3_{+18}(\downarrow m6_{-18})^{1}} = (1) + \uparrow tt_{+46}(\downarrow tt_{-46})$

$11900 = 2^{2}\bullet 5^{2}\bullet 7^{1}\bullet 17^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1}} = (1) + \uparrow tt_{+46}(\downarrow tt_{-46})$

$11901 = 3^{1}\bullet 3967^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1}} = (1) + \uparrow tt_{+47}(\downarrow tt_{-47})$

$11902 = 2^{1}\bullet 11^{1}\bullet 541^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m2_{-5}(\downarrow M7_{+5})^{1}} = (1) + \uparrow tt_{+47}(\downarrow tt_{-47})$

$11903 = 11903^{1} = \mathbf{(1) + \uparrow tt_{+47}(\downarrow tt_{-47})}$

$11904 = 2^{7}\bullet 3^{1}\bullet 31^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{7} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1}} = (1) + \uparrow tt_{+47}(\downarrow tt_{-47})$

$11905 = 5^{1}\bullet 2381^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m3_{-39}(\downarrow M6_{+39})^{1}} = (1) + \uparrow tt_{+47}(\downarrow tt_{-47})$

$11906 = 2^{1}\bullet 5953^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow tt_{+47}(\downarrow tt_{-47})^{1}} = (1) + \uparrow tt_{+47}(\downarrow tt_{-47})$

$11907 = 3^{5}\bullet 7^{2} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{5} + \uparrow m7_{-31}(\downarrow M2_{+31})^{2}} = (1) + \uparrow tt_{+47}(\downarrow tt_{-47})$

$11908 = 2^{2}\bullet 13^{1}\bullet 229^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m7_{+7}(\downarrow M2_{-7})^{1}} = (1) + \uparrow tt_{+48}(\downarrow tt_{-48})$

$11909 = 11909^{1} = \mathbf{(1) + \uparrow tt_{+48}(\downarrow tt_{-48})}$

$11910 = 2^{1}\bullet 3^{1}\bullet 5^{1}\bullet 397^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m6_{-40}(\downarrow M3_{+40})^{1}} = (1) + \uparrow tt_{+48}(\downarrow tt_{-48})$

$11911 = 43^{1}\bullet 277^{1} = \mathbf{(1) + \uparrow P4_{+12}(\downarrow P5_{-12})^{1} + \uparrow m2_{+36}(\downarrow M7_{-36})^{1}} = (1) + \uparrow tt_{+48}(\downarrow tt_{-48})$

$11912 = 2^{3}\bullet 1489^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow tt_{+48}(\downarrow tt_{-48})^{1}} = (1) + \uparrow tt_{+48}(\downarrow tt_{-48})$

$11913 = 3^{1}\bullet 11^{1}\bullet 19^{2} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{2}} = (1) + \uparrow tt_{+48}(\downarrow tt_{-48})$

$11914 = 2^{1}\bullet 7^{1}\bullet 23^{1}\bullet 37^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow m3_{-49}(\downarrow M6_{+49})^{1}} = (1) + \uparrow tt_{+48}(\downarrow tt_{-48})$

$11915 = 5^{1}\bullet 2383^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m3_{-38}(\downarrow M6_{+38})^{1}} = (1) + \uparrow tt_{+49}(\downarrow tt_{-49})$

$11916 = 2^{2}\bullet 3^{2}\bullet 331^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M3_{+45}(\downarrow m6_{-45})^{1}} = (1) + \uparrow tt_{+49}(\downarrow tt_{-49})$

$11917 = 17^{1}\bullet701^{1} = \mathbf{(1) + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow P4_{+44}(\downarrow P5_{-44})^{1}} = (1) + \uparrow tt_{+49}(\downarrow tt_{-49})$

$11918 = 2^{1}\bullet59^{1}\bullet101^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M7_{-41}(\downarrow m2_{+41})^{1} + \uparrow m6_{-10}(\downarrow M3_{+10})^{1}} = (1) + \uparrow tt_{+49}(\downarrow tt_{-49})$

$11919 = 3^{1}\bullet29^{1}\bullet137^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1} + \uparrow m2_{+18}(\downarrow M7_{-18})^{1}} = (1) + \uparrow tt_{+49}(\downarrow tt_{-49})$

$11920 = 2^{4}\bullet5^{1}\bullet149^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m3_{-37}(\downarrow M6_{+37})^{1}} = (1) + \uparrow tt_{+49}(\downarrow tt_{-49})$

$11921 = 7^{1}\bullet13^{1}\bullet131^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow uni_{+40}(\downarrow 8ve_{-40})^{1}} = (1) + \uparrow tt_{+49}(\downarrow tt_{-49})$

$11922 = 2^{1}\bullet3^{1}\bullet1987^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M7_{+48}(\downarrow m2_{-48})^{1}} = (1) + \uparrow tt_{+50}(\downarrow tt_{-50})$

$11923 = 11923^{1} = \mathbf{(1) + \uparrow tt_{+50}(\downarrow tt_{-50})}$

$11924 = 2^{2}\bullet11^{1}\bullet271^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m2_{-1}(\downarrow M7_{+1})^{1}} = (1) + \uparrow tt_{+50}(\downarrow tt_{-50})$

$11925 = 3^{2}\bullet5^{2}\bullet53^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow M6_{-26}(\downarrow m3_{+26})^{1}} = (1) + \uparrow P5_{-50}(\downarrow P4_{+50})$

$11926 = 2^{1}\bullet67^{1}\bullet89^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m2_{-21}(\downarrow M7_{+21})^{1} + \uparrow tt_{-29}(\downarrow tt_{+29})^{1}} = (1) + \uparrow P5_{-50}(\downarrow P4_{+50})$

$11927 = 11927^{1} = \mathbf{(1) + \uparrow P5_{-50}(\downarrow P4_{+50})}$

$11928 = 2^{3}\bullet3^{1}\bullet7^{1}\bullet71^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M2_{-20}(\downarrow m7_{+20})^{1}} = (1) + \uparrow P5_{-50}(\downarrow P4_{+50})$

$11929 = 79^{1}\bullet151^{1} = \mathbf{(1) + \uparrow M3_{-35}(\downarrow m6_{+35})^{1} + \uparrow m3_{-14}(\downarrow M6_{+14})^{1}} = (1) + \uparrow P5_{-49}(\downarrow P4_{+49})$

$11930 = 2^{1}\bullet5^{1}\bullet1193^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m3_{-36}(\downarrow M6_{+36})^{1}} = (1) + \uparrow P5_{-49}(\downarrow P4_{+49})$

$11931 = 3^{1}\bullet41^{1}\bullet97^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{+29}(\downarrow m6_{-29})^{1} + \uparrow P5_{+20}(\downarrow P4_{-20})^{1}} = (1) + \uparrow P5_{-49}(\downarrow P4_{+49})$

$11932 = 2^{2}\bullet19^{1}\bullet157^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow M3_{-46}(\downarrow m6_{+46})^{1}} = (1) + \uparrow P5_{-49}(\downarrow P4_{+49})$

$11933 = 11933^{1} = \mathbf{(1) + \uparrow P5_{-49}(\downarrow P4_{+49})}$

$11934 = 2^{1}\bullet3^{3}\bullet13^{1}\bullet17^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1}} = (1) + \uparrow P5_{-49}(\downarrow P4_{+49})$

$11935 = 5^{1}\bullet7^{1}\bullet11^{1}\bullet31^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1}} = (1) + \uparrow P5_{-49}(\downarrow P4_{+49})$

$11936 = 2^{5}\bullet373^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{5} + \uparrow P5_{-48}(\downarrow P4_{+48})^{1}} = (1) + \uparrow P5_{-48}(\downarrow P4_{+48})$

$11937 = 3^{1}\bullet23^{1}\bullet173^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow P4_{+22}(\downarrow P5_{-22})^{1}} = (1) + \uparrow P5_{-48}(\downarrow P4_{+48})$

$11938 = 2^{1}\bullet47^{1}\bullet127^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{-34}(\downarrow P4_{+34})^{1} + \uparrow 8ve_{-14}(\downarrow uni_{+14})^{1}} = (1) + \uparrow P5_{-48}(\downarrow P4_{+48})$

$11939 = 11939^{1} = \mathbf{(1) + \uparrow P5_{-48}(\downarrow P4_{+48})}$

$11940 = 2^{2}\bullet3^{1}\bullet5^{1}\bullet199^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m6_{-36}(\downarrow M3_{+36})^{1}} = (1) + \uparrow P5_{-48}(\downarrow P4_{+48})$

$11941 = 11941^{1} = \mathbf{(1) + \uparrow P5_{-48}(\downarrow P4_{+48})}$

$11942 = 2^{1}\bullet7^{1}\bullet853^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M6_{-16}(\downarrow m3_{+16})^{1}} = (1) + \uparrow P5_{-47}(\downarrow P4_{+47})$

$11943 = 3^{2}\bullet1327^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M3_{+49}(\downarrow m6_{-49})^{1}} = (1) + \uparrow P5_{-47}(\downarrow P4_{+47})$

$11944 = 2^{3}\bullet1493^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{-47}(\downarrow P4_{+47})^{1}} = (1) + \uparrow P5_{-47}(\downarrow P4_{+47})$

$11945 = 5^{1}\bullet2389^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m3_{-33}(\downarrow M6_{+33})^{1}} = (1) + \uparrow P5_{-47}(\downarrow P4_{+47})$

$11946 = 2^{1}\bullet3^{1}\bullet11^{1}\bullet181^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow tt_{+0}(\downarrow tt_{-0})^{1}} = (1) + \uparrow P5_{-47}(\downarrow P4_{+47})$

$11947 = 13^{1}\bullet919^{1} = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m7_{+13}(\downarrow M2_{-13})^{1}} = (1) + \uparrow P5_{-47}(\downarrow P4_{+47})$

$11948 = 2^{2}\bullet29^{1}\bullet103^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1} + \uparrow m6_{+24}(\downarrow M3_{-24})^{1}} = (1) + \uparrow P5_{-47}(\downarrow P4_{+47})$

$11949 = 3^{1}\bullet7^{1}\bullet569^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M2_{-17}(\downarrow m7_{+17})^{1}} = (1) + \uparrow P5_{-46}(\downarrow P4_{+46})$

$11950 = 2^{1}\bullet5^{2}\bullet239^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow M7_{-19}(\downarrow m2_{+19})^{1}} = (1) + \uparrow P5_{-46}(\downarrow P4_{+46})$

$11951 = 17^{1}\bullet19^{1}\bullet37^{1} = \mathbf{(1) + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow m3_{-49}(\downarrow M6_{+49})^{1}} = (1) + \uparrow P5_{-46}(\downarrow P4_{+46})$

$11952 = 2^{4}\bullet3^{2}\bullet83^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow P4_{-50}(\downarrow P5_{+50})^{1}} = (1) + \uparrow P5_{-46}(\downarrow P4_{+46})$

$11953 = 11953^{1} = \mathbf{(1) + \uparrow P5_{-46}(\downarrow P4_{+46})}$

$11954 = 2^{1}\bullet43^{1}\bullet139^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P4_{+12}(\downarrow P5_{-12})^{1} + \uparrow m2_{+43}(\downarrow M7_{-43})^{1}} = (1) + \uparrow P5_{-46}(\downarrow P4_{+46})$

$11955 = 3^{1}\bullet5^{1}\bullet797^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m6_{-34}(\downarrow M3_{+34})^{1}} = (1) + \uparrow P5_{-46}(\downarrow P4_{+46})$

$11956 = 2^{2}\bullet7^{2}\bullet61^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{2} + \uparrow M7_{+17}(\downarrow m2_{-17})^{1}} = (1) + \uparrow P5_{-45}(\downarrow P4_{+45})$

$11957 = 11^{1}\bullet1087^{1} = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m2_{+3}(\downarrow M7_{-3})^{1}} = (1) + \uparrow P5_{-45}(\downarrow P4_{+45})$

$11958 = 2^{1}\bullet3^{1}\bullet1993^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow 8ve_{-47}(\downarrow uni_{+47})^{1}} = (1) + \uparrow P5_{-45}(\downarrow P4_{+45})$

$11959 = 11959^{1} = \mathbf{(1) + \uparrow P5_{-45}(\downarrow P4_{+45})}$

$11960 = 2^{3}\bullet 5^{1}\bullet 13^{1}\bullet 23^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1}} = (1) + \uparrow P5_{-45}(\downarrow P4_{+45})$

$11961 = 3^{3}\bullet 443^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow M6_{+49}(\downarrow m3_{-49})^{1}} = (1) + \uparrow P5_{-45}(\downarrow P4_{+45})$

$11962 = 2^{1}\bullet 5981^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{-45}(\downarrow P4_{+45})^{1}} = (1) + \uparrow P5_{-45}(\downarrow P4_{+45})$

$11963 = 7^{1}\bullet 1709^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M6_{-13}(\downarrow m3_{+13})^{1}} = (1) + \uparrow P5_{-44}(\downarrow P4_{+44})$

$11964 = 2^{2}\bullet 3^{1}\bullet 997^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow 8ve_{-46}(\downarrow uni_{+46})^{1}} = (1) + \uparrow P5_{-44}(\downarrow P4_{+44})$

$11965 = 5^{1}\bullet 2393^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m3_{-30}(\downarrow M6_{+30})^{1}} = (1) + \uparrow P5_{-44}(\downarrow P4_{+44})$

$11966 = 2^{1}\bullet 31^{1}\bullet 193^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1} + \uparrow P5_{+11}(\downarrow P4_{-11})^{1}} = (1) + \uparrow P5_{-44}(\downarrow P4_{+44})$

$11967 = 3^{1}\bullet 3989^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow 8ve_{-46}(\downarrow uni_{+46})^{1}} = (1) + \uparrow P5_{-44}(\downarrow P4_{+44})$

$11968 = 2^{6}\bullet 11^{1}\bullet 17^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{6} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1}} = (1) + \uparrow P5_{-44}(\downarrow P4_{+44})$

$11969 = 11969^{1} = \mathbf{(1) + \uparrow P5_{-44}(\downarrow P4_{+44})}$

$11970 = 2^{1}\bullet 3^{2}\bullet 5^{1}\bullet 7^{1}\bullet 19^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1}} =$
$(1) + \uparrow P5_{-43}(\downarrow P4_{+43})$

$11971 = 11971^{1} = \mathbf{(1) + \uparrow P5_{-43}(\downarrow P4_{+43})}$

$11972 = 2^{2}\bullet 41^{1}\bullet 73^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M3_{+29}(\downarrow m6_{-29})^{1} + \uparrow M2_{+28}(\downarrow m7_{-28})^{1}} = (1) + \uparrow P5_{-43}(\downarrow P4_{+43})$

$11973 = 3^{1}\bullet 13^{1}\bullet 307^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m3_{+15}(\downarrow M6_{-15})^{1}} = (1) + \uparrow P5_{-43}(\downarrow P4_{+43})$

$11974 = 2^{1}\bullet 5987^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{-43}(\downarrow P4_{+43})^{1}} = (1) + \uparrow P5_{-43}(\downarrow P4_{+43})$

$11975 = 5^{2}\bullet 479^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow M7_{-15}(\downarrow m2_{+15})^{1}} = (1) + \uparrow P5_{-43}(\downarrow P4_{+43})$

$11976 = 2^{3}\bullet 3^{1}\bullet 499^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow 8ve_{-45}(\downarrow uni_{+45})^{1}} = (1) + \uparrow P5_{-43}(\downarrow P4_{+43})$

$11977 = 7^{1}\bullet 29^{1}\bullet 59^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1} + \uparrow M7_{-41}(\downarrow m2_{+41})^{1}} = (1) + \uparrow P5_{-42}(\downarrow P4_{+42})$

$11978 = 2^{1}\bullet 53^{1}\bullet 113^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M6_{-26}(\downarrow m3_{+26})^{1} + \uparrow m7_{-16}(\downarrow M2_{+16})^{1}} = (1) + \uparrow P5_{-42}(\downarrow P4_{+42})$

$11979 = 3^{2}\bullet 11^{3} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow tt_{-49}(\downarrow tt_{+49})^{3}} = (1) + \uparrow P5_{-42}(\downarrow P4_{+42})$

$11980 = 2^{2}\bullet 5^{1}\bullet 599^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m3_{-28}(\downarrow M6_{+28})^{1}} = (1) + \uparrow P5_{-42}(\downarrow P4_{+42})$

$11981 = 11981^{1} = \mathbf{(1) + \uparrow P5_{-42}(\downarrow P4_{+42})}$

$11982 = 2^{1}\bullet 3^{1}\bullet 1997^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow 8ve_{-44}(\downarrow uni_{+44})^{1}} = (1) + \uparrow P5_{-42}(\downarrow P4_{+42})$

$11983 = 23^{1}\bullet 521^{1} = \mathbf{(1) + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow uni_{+30}(\downarrow 8ve_{-30})^{1}} = (1) + \uparrow P5_{-42}(\downarrow P4_{+42})$

$11984 = 2^{4}\bullet 7^{1}\bullet 107^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M6_{-10}(\downarrow m3_{+10})^{1}} = (1) + \uparrow P5_{-41}(\downarrow P4_{+41})$

$11985 = 3^{1}\bullet 5^{1}\bullet 17^{1}\bullet 47^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow P5_{-34}(\downarrow P4_{+34})^{1}} = (1) + \uparrow P5_{-41}(\downarrow P4_{+41})$

$11986 = 2^{1}\bullet 13^{1}\bullet 461^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m7_{+18}(\downarrow M2_{-18})^{1}} = (1) + \uparrow P5_{-41}(\downarrow P4_{+41})$

$11987 = 11987^{1} = \mathbf{(1) + \uparrow P5_{-41}(\downarrow P4_{+41})}$

$11988 = 2^{2}\bullet 3^{4}\bullet 37^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{4} + \uparrow m3_{-49}(\downarrow M6_{+49})^{1}} = (1) + \uparrow P5_{-41}(\downarrow P4_{+41})$

$11989 = 19^{1}\bullet 631^{1} = \mathbf{(1) + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow M3_{-38}(\downarrow m6_{+38})^{1}} = (1) + \uparrow P5_{-41}(\downarrow P4_{+41})$

$11990 = 2^{1}\bullet 5^{1}\bullet 11^{1}\bullet 109^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow M6_{+22}(\downarrow m3_{-22})^{1}} = (1) + \uparrow P5_{-41}(\downarrow P4_{+41})$

$11991 = 3^{1}\bullet 7^{1}\bullet 571^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M2_{-11}(\downarrow m7_{+11})^{1}} = (1) + \uparrow P5_{-40}(\downarrow P4_{+40})$

$11992 = 2^{3}\bullet 1499^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{-40}(\downarrow P4_{+40})^{1}} = (1) + \uparrow P5_{-40}(\downarrow P4_{+40})$

$11993 = 67^{1}\bullet 179^{1} = \mathbf{(1) + \uparrow m2_{-21}(\downarrow M7_{+21})^{1} + \uparrow tt_{-19}(\downarrow tt_{+19})^{1}} = (1) + \uparrow P5_{-40}(\downarrow P4_{+40})$

$11994 = 2^{1}\bullet 3^{1}\bullet 1999^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow 8ve_{-42}(\downarrow uni_{+42})^{1}} = (1) + \uparrow P5_{-40}(\downarrow P4_{+40})$

$11995 = 5^{1}\bullet 2399^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m3_{-26}(\downarrow M6_{+26})^{1}} = (1) + \uparrow P5_{-40}(\downarrow P4_{+40})$

$11996 = 2^{2}\bullet 2999^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{-40}(\downarrow P4_{+40})^{1}} = (1) + \uparrow P5_{-40}(\downarrow P4_{+40})$

$11997 = 3^{2}\bullet 31^{1}\bullet 43^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1} + \uparrow P4_{+12}(\downarrow P5_{-12})^{1}} = (1) + \uparrow P5_{-40}(\downarrow P4_{+40})$

$11998 = 2^{1}\bullet 7^{1}\bullet 857^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M6_{-8}(\downarrow m3_{+8})^{1}} = (1) + \uparrow P5_{-39}(\downarrow P4_{+39})$

$11999 = 13^{2}\bullet 71^{1} = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^{2} + \uparrow M2_{-20}(\downarrow m7_{+20})^{1}} = (1) + \uparrow P5_{-39}(\downarrow P4_{+39})$

$12000 = 2^5 \bullet 3^1 \bullet 5^3 = \mathbf{(1) + \updownarrow 8ve(uni)^5 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^3} = (1) + \uparrow P5_{-39}(\downarrow P4_{+39})$

$12001 = 11^1 \bullet 1091^1 = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m2_{+10}(\downarrow M7_{-10})^1} = (1) + \uparrow P5_{-39}(\downarrow P4_{+39})$

$12002 = 2^1 \bullet 17^1 \bullet 353^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow tt_{-44}(\downarrow tt_{+44})^1} = (1) + \uparrow P5_{-39}(\downarrow P4_{+39})$

$12003 = 3^1 \bullet 4001^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow 8ve_{-41}(\downarrow uni_{+41})^1} = (1) + \uparrow P5_{-39}(\downarrow P4_{+39})$

$12004 = 2^2 \bullet 3001^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{-39}(\downarrow P4_{+39})^1} = (1) + \uparrow P5_{-39}(\downarrow P4_{+39})$

$12005 = 5^1 \bullet 7^4 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^4} = (1) + \uparrow P5_{-38}(\downarrow P4_{+38})$

$12006 = 2^1 \bullet 3^2 \bullet 23^1 \bullet 29^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1} = (1) + \uparrow P5_{-38}(\downarrow P4_{+38})$

$12007 = 12007^1 = \mathbf{(1) + \uparrow P5_{-38}(\downarrow P4_{+38})}$

$12008 = 2^3 \bullet 19^1 \bullet 79^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow M3_{-35}(\downarrow m6_{+35})^1} = (1) + \uparrow P5_{-38}(\downarrow P4_{+38})$

$12009 = 3^1 \bullet 4003^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow 8ve_{-40}(\downarrow uni_{+40})^1} = (1) + \uparrow P5_{-38}(\downarrow P4_{+38})$

$12010 = 2^1 \bullet 5^1 \bullet 1201^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m3_{-24}(\downarrow M6_{+24})^1} = (1) + \uparrow P5_{-38}(\downarrow P4_{+38})$

$12011 = 12011^1 = \mathbf{(1) + \uparrow P5_{-38}(\downarrow P4_{+38})}$

$12012 = 2^2 \bullet 3^1 \bullet 7^1 \bullet 11^1 \bullet 13^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1} =$

$(1) + \uparrow P5_{-37}(\downarrow P4_{+37})$

$12013 = 41^1 \bullet 293^1 = \mathbf{(1) + \uparrow M3_{+29}(\downarrow m6_{-29})^1 + \uparrow M2_{+34}(\downarrow m7_{-34})^1} = (1) + \uparrow P5_{-37}(\downarrow P4_{+37})$

$12014 = 2^1 \bullet 6007^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{-37}(\downarrow P4_{+37})^1} = (1) + \uparrow P5_{-37}(\downarrow P4_{+37})$

$12015 = 3^3 \bullet 5^1 \bullet 89^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{-29}(\downarrow tt_{+29})^1} = (1) + \uparrow P5_{-37}(\downarrow P4_{+37})$

$12016 = 2^4 \bullet 751^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow P5_{-37}(\downarrow P4_{+37})^1} = (1) + \uparrow P5_{-37}(\downarrow P4_{+37})$

$12017 = 61^1 \bullet 197^1 = \mathbf{(1) + \uparrow M7_{+17}(\downarrow m2_{-17})^1 + \uparrow P5_{+46}(\downarrow P4_{-46})^1} = (1) + \uparrow P5_{-37}(\downarrow P4_{+37})$

$12018 = 2^1 \bullet 3^1 \bullet 2003^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow 8ve_{-38}(\downarrow uni_{+38})^1} = (1) + \uparrow P5_{-37}(\downarrow P4_{+37})$

$12019 = 7^1 \bullet 17^1 \bullet 101^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow m6_{-10}(\downarrow M3_{+10})^1} = (1) + \uparrow P5_{-36}(\downarrow P4_{+36})$

$12020 = 2^2 \bullet 5^1 \bullet 601^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m3_{-23}(\downarrow M6_{+23})^1} = (1) + \uparrow P5_{-36}(\downarrow P4_{+36})$

$12021 = 3^1 \bullet 4007^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow 8ve_{-38}(\downarrow uni_{+38})^1} = (1) + \uparrow P5_{-36}(\downarrow P4_{+36})$

$12022 = 2^1 \bullet 6011^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{-36}(\downarrow P4_{+36})^1} = (1) + \uparrow P5_{-36}(\downarrow P4_{+36})$

$12023 = 11^1 \bullet 1093^1 = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m2_{+13}(\downarrow M7_{-13})^1} = (1) + \uparrow P5_{-36}(\downarrow P4_{+36})$

$12024 = 2^3 \bullet 3^2 \bullet 167^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow P4_{-40}(\downarrow P5_{+40})^1} = (1) + \uparrow P5_{-36}(\downarrow P4_{+36})$

$12025 = 5^2 \bullet 13^1 \bullet 37^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow m3_{-49}(\downarrow M6_{+49})^1} = (1) + \uparrow P5_{-36}(\downarrow P4_{+36})$

$12026 = 2^1 \bullet 7^1 \bullet 859^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M6_{-4}(\downarrow m3_{+4})^1} = (1) + \uparrow P5_{-35}(\downarrow P4_{+35})$

$12027 = 3^1 \bullet 19^1 \bullet 211^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow M6_{-35}(\downarrow m3_{+35})^1} = (1) + \uparrow P5_{-35}(\downarrow P4_{+35})$

$12028 = 2^2 \bullet 31^1 \bullet 97^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M7_{+45}(\downarrow m2_{-45})^1 + \uparrow P5_{+20}(\downarrow P4_{-20})^1} = (1) + \uparrow P5_{-35}(\downarrow P4_{+35})$

$12029 = 23^1 \bullet 523^1 = \mathbf{(1) + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow uni_{+37}(\downarrow 8ve_{-37})^1} = (1) + \uparrow P5_{-35}(\downarrow P4_{+35})$

$12030 = 2^1 \bullet 3^1 \bullet 5^1 \bullet 401^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m6_{-23}(\downarrow M3_{+23})^1} = (1) + \uparrow P5_{-35}(\downarrow P4_{+35})$

$12031 = 53^1 \bullet 227^1 = \mathbf{(1) + \uparrow M6_{-26}(\downarrow m3_{+26})^1 + \uparrow m7_{-8}(\downarrow M2_{+8})^1} = (1) + \uparrow P5_{-35}(\downarrow P4_{+35})$

$12032 = 2^8 \bullet 47^1 = \mathbf{(1) + \updownarrow 8ve(uni)^8 + \uparrow P5_{-34}(\downarrow P4_{+34})^1} = (1) + \uparrow P5_{-34}(\downarrow P4_{+34})$

$12033 = 3^2 \bullet 7^1 \bullet 191^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow P5_{-7}(\downarrow P4_{+7})^1} = (1) + \uparrow P5_{-34}(\downarrow P4_{+34})$

$12034 = 2^1 \bullet 11^1 \bullet 547^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m2_{+14}(\downarrow M7_{-14})^1} = (1) + \uparrow P5_{-34}(\downarrow P4_{+34})$

$12035 = 5^1 \bullet 29^1 \bullet 83^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1 + \uparrow P4_{-50}(\downarrow P5_{+50})^1} = (1) + \uparrow P5_{-34}(\downarrow P4_{+34})$

$12036 = 2^2 \bullet 3^1 \bullet 17^1 \bullet 59^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow M7_{-41}(\downarrow m2_{+41})^1} = (1) + \uparrow P5_{-34}(\downarrow P4_{+34})$

$12037 = 12037^1 = \mathbf{(1) + \uparrow P5_{-34}(\downarrow P4_{+34})}$

$12038 = 2^1 \bullet 13^1 \bullet 463^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow m7_{+26}(\downarrow M2_{-26})^1} = (1) + \uparrow P5_{-34}(\downarrow P4_{+34})$

$12039 = 3^1 \bullet 4013^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow 8ve_{-35}(\downarrow uni_{+35})^1} = (1) + \uparrow P5_{-33}(\downarrow P4_{+33})$

$12040 = 2^3 \bullet 5^1 \bullet 7^1 \bullet 43^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow P4_{+12}(\downarrow P5_{-12})^1} = (1) + \uparrow P5_{-33}(\downarrow P4_{+33})$

$12041 = 12041^{1} = \mathbf{(1) + \uparrow P5_{-33}(\downarrow P4_{+33})}$

$12042 = 2^{1}\bullet 3^{3}\bullet 223^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow m7_{-39}(\downarrow M2_{+39})^{1}} = (1) + \uparrow P5_{-33}(\downarrow P4_{+33})$

$12043 = 12043^{1} = \mathbf{(1) + \uparrow P5_{-33}(\downarrow P4_{+33})}$

$12044 = 2^{2}\bullet 3011^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{-33}(\downarrow P4_{+33})^{1}} = (1) + \uparrow P5_{-33}(\downarrow P4_{+33})$

$12045 = 3^{1}\bullet 5^{1}\bullet 11^{1}\bullet 73^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow M2_{+28}(\downarrow m7_{-28})^{1}} = (1) + \uparrow P5_{-33}(\downarrow P4_{+33})$

$12046 = 2^{1}\bullet 19^{1}\bullet 317^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow M3_{-30}(\downarrow m6_{+30})^{1}} = (1) + \uparrow P5_{-32}(\downarrow P4_{+32})$

$12047 = 7^{1}\bullet 1721^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M6_{-1}(\downarrow m3_{+1})^{1}} = (1) + \uparrow P5_{-32}(\downarrow P4_{+32})$

$12048 = 2^{4}\bullet 3^{1}\bullet 251^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow 8ve_{-34}(\downarrow uni_{+34})^{1}} = (1) + \uparrow P5_{-32}(\downarrow P4_{+32})$

$12049 = 12049^{1} = \mathbf{(1) + \uparrow P5_{-32}(\downarrow P4_{+32})}$

$12050 = 2^{1}\bullet 5^{2}\bullet 241^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow M7_{-5}(\downarrow m2_{+5})^{1}} = (1) + \uparrow P5_{-32}(\downarrow P4_{+32})$

$12051 = 3^{2}\bullet 13^{1}\bullet 103^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m6_{+24}(\downarrow M3_{-24})^{1}} = (1) + \uparrow P5_{-32}(\downarrow P4_{+32})$

$12052 = 2^{2}\bullet 23^{1}\bullet 131^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow uni_{+40}(\downarrow 8ve_{-40})^{1}} = (1) + \uparrow P5_{-32}(\downarrow P4_{+32})$

$12053 = 17^{1}\bullet 709^{1} = \mathbf{(1) + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow tt_{-36}(\downarrow tt_{+36})^{1}} = (1) + \uparrow P5_{-31}(\downarrow P4_{+31})$

$12054 = 2^{1}\bullet 3^{1}\bullet 7^{2}\bullet 41^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{2} + \uparrow M3_{+29}(\downarrow m6_{-29})^{1}} = (1) + \uparrow P5_{-31}(\downarrow P4_{+31})$

$12055 = 5^{1}\bullet 2411^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m3_{-18}(\downarrow M6_{+18})^{1}} = (1) + \uparrow P5_{-31}(\downarrow P4_{+31})$

$12056 = 2^{3}\bullet 11^{1}\bullet 137^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m2_{+18}(\downarrow M7_{-18})^{1}} = (1) + \uparrow P5_{-31}(\downarrow P4_{+31})$

$12057 = 3^{1}\bullet 4019^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow 8ve_{-33}(\downarrow uni_{+33})^{1}} = (1) + \uparrow P5_{-31}(\downarrow P4_{+31})$

$12058 = 2^{1}\bullet 6029^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{-31}(\downarrow P4_{+31})^{1}} = (1) + \uparrow P5_{-31}(\downarrow P4_{+31})$

$12059 = 31^{1}\bullet 389^{1} = \mathbf{(1) + \uparrow M7_{+45}(\downarrow m2_{-45})^{1} + \uparrow P5_{+24}(\downarrow P4_{-24})^{1}} = (1) + \uparrow P5_{-31}(\downarrow P4_{+31})$

$12060 = 2^{2}\bullet 3^{2}\bullet 5^{1}\bullet 67^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m2_{-21}(\downarrow M7_{+21})^{1}} = (1) + \uparrow P5_{-30}(\downarrow P4_{+30})$

$12061 = 7^{1}\bullet 1723^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M6_{+1}(\downarrow m3_{-1})^{1}} = (1) + \uparrow P5_{-30}(\downarrow P4_{+30})$

$12062 = 2^{1}\bullet 37^{1}\bullet 163^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m3_{-49}(\downarrow M6_{+49})^{1} + \uparrow M3_{+18}(\downarrow m6_{-18})^{1}} = (1) + \uparrow P5_{-30}(\downarrow P4_{+30})$

$12063 = 3^{1}\bullet 4021^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow 8ve_{-32}(\downarrow uni_{+32})^{1}} = (1) + \uparrow P5_{-30}(\downarrow P4_{+30})$

$12064 = 2^{5}\bullet 13^{1}\bullet 29^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{5} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1}} = (1) + \uparrow P5_{-30}(\downarrow P4_{+30})$

$12065 = 5^{1}\bullet 19^{1}\bullet 127^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow 8ve_{-14}(\downarrow uni_{+14})^{1}} = (1) + \uparrow P5_{-30}(\downarrow P4_{+30})$

$12066 = 2^{1}\bullet 3^{1}\bullet 2011^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow 8ve_{-32}(\downarrow uni_{+32})^{1}} = (1) + \uparrow P5_{-30}(\downarrow P4_{+30})$

$12067 = 11^{1}\bullet 1097^{1} = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m2_{+19}(\downarrow M7_{-19})^{1}} = (1) + \uparrow P5_{-29}(\downarrow P4_{+29})$

$12068 = 2^{2}\bullet 7^{1}\bullet 431^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M6_{+2}(\downarrow m3_{-2})^{1}} = (1) + \uparrow P5_{-29}(\downarrow P4_{+29})$

$12069 = 3^{4}\bullet 149^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{4} + \uparrow m3_{-37}(\downarrow M6_{+37})^{1}} = (1) + \uparrow P5_{-29}(\downarrow P4_{+29})$

$12070 = 2^{1}\bullet 5^{1}\bullet 17^{1}\bullet 71^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow M2_{-20}(\downarrow m7_{+20})^{1}} = (1) + \uparrow P5_{-29}(\downarrow P4_{+29})$

$12071 = 12071^{1} = \mathbf{(1) + \uparrow P5_{-29}(\downarrow P4_{+29})}$

$12072 = 2^{3}\bullet 3^{1}\bullet 503^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow 8ve_{-31}(\downarrow uni_{+31})^{1}} = (1) + \uparrow P5_{-29}(\downarrow P4_{+29})$

$12073 = 12073^{1} = \mathbf{(1) + \uparrow P5_{-29}(\downarrow P4_{+29})}$

$12074 = 2^{1}\bullet 6037^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{-28}(\downarrow P4_{+28})^{1}} = (1) + \uparrow P5_{-28}(\downarrow P4_{+28})$

$12075 = 3^{1}\bullet 5^{2}\bullet 7^{1}\bullet 23^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1}} = (1) + \uparrow P5_{-28}(\downarrow P4_{+28})$

$12076 = 2^{2}\bullet 3019^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{-28}(\downarrow P4_{+28})^{1}} = (1) + \uparrow P5_{-28}(\downarrow P4_{+28})$

$12077 = 13^{1}\bullet 929^{1} = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m7_{+31}(\downarrow M2_{-31})^{1}} = (1) + \uparrow P5_{-28}(\downarrow P4_{+28})$

$12078 = 2^{1}\bullet 3^{2}\bullet 11^{1}\bullet 61^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow M7_{+17}(\downarrow m2_{-17})^{1}} = (1) + \uparrow P5_{-28}(\downarrow P4_{+28})$

$12079 = 47^{1}\bullet 257^{1} = \mathbf{(1) + \uparrow P5_{-34}(\downarrow P4_{+34})^{1} + \uparrow uni_{+7}(\downarrow 8ve_{-7})^{1}} = (1) + \uparrow P5_{-28}(\downarrow P4_{+28})$

$12080 = 2^{4}\bullet 5^{1}\bullet 151^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m3_{-14}(\downarrow M6_{+14})^{1}} = (1) + \uparrow P5_{-28}(\downarrow P4_{+28})$

$12081 = 3^{1}\bullet 4027^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow 8ve_{-29}(\downarrow uni_{+29})^{1}} = (1) + \uparrow P5_{-27}(\downarrow P4_{+27})$

$12082 = 2^{1}\bullet 7^{1}\bullet 863^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M6_{+4}(\downarrow m3_{-4})^{1}} = (1) + \uparrow P5_{-27}(\downarrow P4_{+27})$

$12083 = 43^1 \bullet 281^1 = \mathbf{(1) + \uparrow P4_{+12}(\downarrow P5_{-12})^1 + \uparrow M2_{-39}(\downarrow m7_{+39})^1} = (1) + \uparrow P5_{-27}(\downarrow P4_{+27})$

$12084 = 2^2 \bullet 3^1 \bullet 19^1 \bullet 53^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow M6_{-26}(\downarrow m3_{+26})^1} = (1) + \uparrow P5_{-27}(\downarrow P4_{+27})$

$12085 = 5^1 \bullet 2417^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m3_{-13}(\downarrow M6_{+13})^1} = (1) + \uparrow P5_{-27}(\downarrow P4_{+27})$

$12086 = 2^1 \bullet 6043^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{-27}(\downarrow P4_{+27})^1} = (1) + \uparrow P5_{-27}(\downarrow P4_{+27})$

$12087 = 3^2 \bullet 17^1 \bullet 79^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow M3_{-35}(\downarrow m6_{+35})^1} = (1) + \uparrow P5_{-27}(\downarrow P4_{+27})$

$12088 = 2^3 \bullet 1511^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{-26}(\downarrow P4_{+26})^1} = (1) + \uparrow P5_{-26}(\downarrow P4_{+26})$

$12089 = 7^1 \bullet 11^1 \bullet 157^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow M3_{-46}(\downarrow m6_{+46})^1} = (1) + \uparrow P5_{-26}(\downarrow P4_{+26})$

$12090 = 2^1 \bullet 3^1 \bullet 5^1 \bullet 13^1 \bullet 31^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow M7_{+45}(\downarrow m2_{-45})^1} =$
$(1) + \uparrow P5_{-26}(\downarrow P4_{+26})$

$12091 = 107^1 \bullet 113^1 = \mathbf{(1) + \uparrow M6_{-10}(\downarrow m3_{+10})^1 + \uparrow m7_{-16}(\downarrow M2_{+16})^1} = (1) + \uparrow P5_{-26}(\downarrow P4_{+26})$

$12092 = 2^2 \bullet 3023^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{-26}(\downarrow P4_{+26})^1} = (1) + \uparrow P5_{-26}(\downarrow P4_{+26})$

$12093 = 3^1 \bullet 29^1 \bullet 139^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1 + \uparrow m2_{+43}(\downarrow M7_{-43})^1} = (1) + \uparrow P5_{-26}(\downarrow P4_{+26})$

$12094 = 2^1 \bullet 6047^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{-26}(\downarrow P4_{+26})^1} = (1) + \uparrow P5_{-26}(\downarrow P4_{+26})$

$12095 = 5^1 \bullet 41^1 \bullet 59^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M3_{+29}(\downarrow m6_{-29})^1 + \uparrow M7_{-41}(\downarrow m2_{+41})^1} = (1) + \uparrow P5_{-25}(\downarrow P4_{+25})$

$12096 = 2^6 \bullet 3^3 \bullet 7^1 = \mathbf{(1) + \updownarrow 8ve(uni)^6 + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow m7_{-31}(\downarrow M2_{+31})^1} = (1) + \uparrow P5_{-25}(\downarrow P4_{+25})$

$12097 = 12097^1 = \mathbf{(1) + \uparrow P5_{-25}(\downarrow P4_{+25})}$

$12098 = 2^1 \bullet 23^1 \bullet 263^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow uni_{+47}(\downarrow 8ve_{-47})^1} = (1) + \uparrow P5_{-25}(\downarrow P4_{+25})$

$12099 = 3^1 \bullet 37^1 \bullet 109^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m3_{-49}(\downarrow M6_{+49})^1 + \uparrow M6_{+22}(\downarrow m3_{-22})^1} = (1) + \uparrow P5_{-25}(\downarrow P4_{+25})$

$12100 = 2^2 \bullet 5^2 \bullet 11^2 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow tt_{-49}(\downarrow tt_{+49})^2} = (1) + \uparrow P5_{-25}(\downarrow P4_{+25})$

$12101 = 12101^1 = \mathbf{(1) + \uparrow P5_{-25}(\downarrow P4_{+25})}$

$12102 = 2^1 \bullet 3^1 \bullet 2017^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow 8ve_{-26}(\downarrow uni_{+26})^1} = (1) + \uparrow P5_{-24}(\downarrow P4_{+24})$

$12103 = 7^2 \bullet 13^1 \bullet 19^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^2 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1} = (1) + \uparrow P5_{-24}(\downarrow P4_{+24})$

$12104 = 2^3 \bullet 17^1 \bullet 89^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow tt_{-29}(\downarrow tt_{+29})^1} = (1) + \uparrow P5_{-24}(\downarrow P4_{+24})$

$12105 = 3^2 \bullet 5^1 \bullet 269^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m2_{-14}(\downarrow M7_{+14})^1} = (1) + \uparrow P5_{-24}(\downarrow P4_{+24})$

$12106 = 2^1 \bullet 6053^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{-24}(\downarrow P4_{+24})^1} = (1) + \uparrow P5_{-24}(\downarrow P4_{+24})$

$12107 = 12107^1 = \mathbf{(1) + \uparrow P5_{-24}(\downarrow P4_{+24})}$

$12108 = 2^2 \bullet 3^1 \bullet 1009^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow 8ve_{-26}(\downarrow uni_{+26})^1} = (1) + \uparrow P5_{-24}(\downarrow P4_{+24})$

$12109 = 12109^1 = \mathbf{(1) + \uparrow P5_{-23}(\downarrow P4_{+23})}$

$12110 = 2^1 \bullet 5^1 \bullet 7^1 \bullet 173^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow P4_{+22}(\downarrow P5_{-22})^1} = (1) + \uparrow P5_{-23}(\downarrow P4_{+23})$

$12111 = 3^1 \bullet 11^1 \bullet 367^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow tt_{+24}(\downarrow tt_{-24})^1} = (1) + \uparrow P5_{-23}(\downarrow P4_{+23})$

$12112 = 2^4 \bullet 757^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow P5_{-23}(\downarrow P4_{+23})^1} = (1) + \uparrow P5_{-23}(\downarrow P4_{+23})$

$12113 = 12113^1 = \mathbf{(1) + \uparrow P5_{-23}(\downarrow P4_{+23})}$

$12114 = 2^1 \bullet 3^2 \bullet 673^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow P4_{-27}(\downarrow P5_{+27})^1} = (1) + \uparrow P5_{-23}(\downarrow P4_{+23})$

$12115 = 5^1 \bullet 2423^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m3_{-9}(\downarrow M6_{+9})^1} = (1) + \uparrow P5_{-23}(\downarrow P4_{+23})$

$12116 = 2^2 \bullet 13^1 \bullet 233^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow m7_{+37}(\downarrow M2_{-37})^1} = (1) + \uparrow P5_{-22}(\downarrow P4_{+22})$

$12117 = 3^1 \bullet 7^1 \bullet 577^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M2_{+7}(\downarrow m7_{-7})^1} = (1) + \uparrow P5_{-22}(\downarrow P4_{+22})$

$12118 = 2^1 \bullet 73^1 \bullet 83^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M2_{+28}(\downarrow m7_{-28})^1 + \uparrow P4_{-50}(\downarrow P5_{+50})^1} = (1) + \uparrow P5_{-22}(\downarrow P4_{+22})$

$12119 = 12119^1 = \mathbf{(1) + \uparrow P5_{-22}(\downarrow P4_{+22})}$

$12120 = 2^3 \bullet 3^1 \bullet 5^1 \bullet 101^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m6_{-10}(\downarrow M3_{+10})^1} = (1) + \uparrow P5_{-22}(\downarrow P4_{+22})$

$12121 = 17^1 \bullet 23^1 \bullet 31^1 = \mathbf{(1) + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow M7_{+45}(\downarrow m2_{-45})^1} = (1) + \uparrow P5_{-22}(\downarrow P4_{+22})$

$12122 = 2^1 \bullet 11^1 \bullet 19^1 \bullet 29^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1} = (1) + \uparrow P5_{-22}(\downarrow P4_{+22})$

$12123 = 3^3 \bullet 449^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow m7_{-27}(\downarrow M2_{+27})^1} = (1) + \uparrow P5_{-21}(\downarrow P4_{+21})$

$12124 = 2^2 \bullet 7^1 \bullet 433^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M6_{+10}(\downarrow m3_{-10})^1} = (1) + \uparrow P5_{-21}(\downarrow P4_{+21})$

$12125 = 5^3 \bullet 97^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^3 + \uparrow P5_{+20}(\downarrow P4_{-20})^1} = (1) + \uparrow P5_{-21}(\downarrow P4_{+21})$

$12126 = 2^1 \bullet 3^1 \bullet 43^1 \bullet 47^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow P4_{+12}(\downarrow P5_{-12})^1 + \uparrow P5_{-34}(\downarrow P4_{+34})^1} = (1) + \uparrow P5_{-21}(\downarrow P4_{+21})$

$12127 = 67^1 \bullet 181^1 = \mathbf{(1) + \uparrow m2_{-21}(\downarrow M7_{+21})^1 + \uparrow tt_{+0}(\downarrow tt_{-0})^1} = (1) + \uparrow P5_{-21}(\downarrow P4_{+21})$

$12128 = 2^5 \bullet 379^1 = \mathbf{(1) + \updownarrow 8ve(uni)^5 + \uparrow P5_{-21}(\downarrow P4_{+21})^1} = (1) + \uparrow P5_{-21}(\downarrow P4_{+21})$

$12129 = 3^1 \bullet 13^1 \bullet 311^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow m3_{+37}(\downarrow M6_{-37})^1} = (1) + \uparrow P5_{-21}(\downarrow P4_{+21})$

$12130 = 2^1 \bullet 5^1 \bullet 1213^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m3_{-7}(\downarrow M6_{+7})^1} = (1) + \uparrow P5_{-20}(\downarrow P4_{+20})$

$12131 = 7^1 \bullet 1733^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M6_{+11}(\downarrow m3_{-11})^1} = (1) + \uparrow P5_{-20}(\downarrow P4_{+20})$

$12132 = 2^2 \bullet 3^2 \bullet 337^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow P4_{-24}(\downarrow P5_{+24})^1} = (1) + \uparrow P5_{-20}(\downarrow P4_{+20})$

$12133 = 11^1 \bullet 1103^1 = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m2_{+29}(\downarrow M7_{-29})^1} = (1) + \uparrow P5_{-20}(\downarrow P4_{+20})$

$12134 = 2^1 \bullet 6067^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{-20}(\downarrow P4_{+20})^1} = (1) + \uparrow P5_{-20}(\downarrow P4_{+20})$

$12135 = 3^1 \bullet 5^1 \bullet 809^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m6_{-8}(\downarrow M3_{+8})^1} = (1) + \uparrow P5_{-20}(\downarrow P4_{+20})$

$12136 = 2^3 \bullet 37^1 \bullet 41^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow m3_{-49}(\downarrow M6_{+49})^1 + \uparrow M3_{+29}(\downarrow m6_{-29})^1} = (1) + \uparrow P5_{-20}(\downarrow P4_{+20})$

$12137 = 53^1 \bullet 229^1 = \mathbf{(1) + \uparrow M6_{-26}(\downarrow m3_{+26})^1 + \uparrow m7_{+7}(\downarrow M2_{-7})^1} = (1) + \uparrow P5_{-19}(\downarrow P4_{+19})$

$12138 = 2^1 \bullet 3^1 \bullet 7^1 \bullet 17^2 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^2} = (1) + \uparrow P5_{-19}(\downarrow P4_{+19})$

$12139 = 61^1 \bullet 199^1 = \mathbf{(1) + \uparrow M7_{+17}(\downarrow m2_{-17})^1 + \uparrow m6_{-36}(\downarrow M3_{+36})^1} = (1) + \uparrow P5_{-19}(\downarrow P4_{+19})$

$12140 = 2^2 \bullet 5^1 \bullet 607^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m3_{-5}(\downarrow M6_{+5})^1} = (1) + \uparrow P5_{-19}(\downarrow P4_{+19})$

$12141 = 3^2 \bullet 19^1 \bullet 71^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow M2_{-20}(\downarrow m7_{+20})^1} = (1) + \uparrow P5_{-19}(\downarrow P4_{+19})$

$12142 = 2^1 \bullet 13^1 \bullet 467^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow m7_{+41}(\downarrow M2_{-41})^1} = (1) + \uparrow P5_{-19}(\downarrow P4_{+19})$

$12143 = 12143^1 = \mathbf{(1) + \uparrow P5_{-19}(\downarrow P4_{+19})}$

$12144 = 2^4 \bullet 3^1 \bullet 11^1 \bullet 23^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1} = (1) + \uparrow P5_{-18}(\downarrow P4_{+18})$

$12145 = 5^1 \bullet 7^1 \bullet 347^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow P4_{+27}(\downarrow P5_{-27})^1} = (1) + \uparrow P5_{-18}(\downarrow P4_{+18})$

$12146 = 2^1 \bullet 6073^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{-18}(\downarrow P4_{+18})^1} = (1) + \uparrow P5_{-18}(\downarrow P4_{+18})$

$12147 = 3^1 \bullet 4049^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow 8ve_{-20}(\downarrow uni_{+20})^1} = (1) + \uparrow P5_{-18}(\downarrow P4_{+18})$

$12148 = 2^2 \bullet 3037^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{-18}(\downarrow P4_{+18})^1} = (1) + \uparrow P5_{-18}(\downarrow P4_{+18})$

$12149 = 12149^1 = \mathbf{(1) + \uparrow P5_{-18}(\downarrow P4_{+18})}$

$12150 = 2^1 \bullet 3^5 \bullet 5^2 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^5 + \uparrow M3_{-14}(\downarrow m6_{+14})^2} = (1) + \uparrow P5_{-18}(\downarrow P4_{+18})$

$12151 = 29^1 \bullet 419^1 = \mathbf{(1) + \uparrow m7_{+30}(\downarrow M2_{-30})^1 + \uparrow M6_{-47}(\downarrow m3_{+47})^1} = (1) + \uparrow P5_{-17}(\downarrow P4_{+17})$

$12152 = 2^3 \bullet 7^2 \bullet 31^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow m7_{-31}(\downarrow M2_{+31})^2 + \uparrow M7_{+45}(\downarrow m2_{-45})^1} = (1) + \uparrow P5_{-17}(\downarrow P4_{+17})$

$12153 = 3^1 \bullet 4051^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow 8ve_{-19}(\downarrow uni_{+19})^1} = (1) + \uparrow P5_{-17}(\downarrow P4_{+17})$

$12154 = 2^1 \bullet 59^1 \bullet 103^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M7_{-41}(\downarrow m2_{+41})^1 + \uparrow m6_{+24}(\downarrow M3_{-24})^1} = (1) + \uparrow P5_{-17}(\downarrow P4_{+17})$

$12155 = 5^1 \bullet 11^1 \bullet 13^1 \bullet 17^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1} = (1) + \uparrow P5_{-17}(\downarrow P4_{+17})$

$12156 = 2^2 \bullet 3^1 \bullet 1013^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow 8ve_{-19}(\downarrow uni_{+19})^1} = (1) + \uparrow P5_{-17}(\downarrow P4_{+17})$

$12157 = 12157^1 = \mathbf{(1) + \uparrow P5_{-17}(\downarrow P4_{+17})}$

$12158 = 2^1 \bullet 6079^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{-16}(\downarrow P4_{+16})^1} = (1) + \uparrow P5_{-16}(\downarrow P4_{+16})$

$12159 = 3^2 \bullet 7^1 \bullet 193^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow P5_{+11}(\downarrow P4_{-11})^1} = (1) + \uparrow P5_{-16}(\downarrow P4_{+16})$

$12160 = 2^7 \bullet 5^1 \bullet 19^1 = \mathbf{(1) + \updownarrow 8ve(uni)^7 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1} = (1) + \uparrow P5_{-16}(\downarrow P4_{+16})$

$12161 = 12161^1 = \mathbf{(1) + \uparrow P5_{-16}(\downarrow P4_{+16})}$

$12162 = 2^1 \bullet 3^1 \bullet 2027^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow 8ve_{-18}(\downarrow uni_{+18})^1} = (1) + \uparrow P5_{-16}(\downarrow P4_{+16})$

$12163 = 12163^1 = \mathbf{(1) + \uparrow P5_{-16}(\downarrow P4_{+16})}$

$12164 = 2^2 \bullet 3041^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{-16}(\downarrow P4_{+16})^1} = (1) + \uparrow P5_{-16}(\downarrow P4_{+16})$

$12165 = 3^1 \bullet 5^1 \bullet 811^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m6_{-4}(\downarrow M3_{+4})^1} = (1) + \uparrow P5_{-15}(\downarrow P4_{+15})$

$12166 = 2^1 \bullet 7^1 \bullet 11^1 \bullet 79^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow M3_{-35}(\downarrow m6_{+35})^1} = (1) + \uparrow P5_{-15}(\downarrow P4_{+15})$

$12167 = 23^3 = \mathbf{(1) + \uparrow tt_{+28}(\downarrow tt_{-28})^3} = (1) + \uparrow P5_{-15}(\downarrow P4_{+15})$

$12168 = 2^3 \bullet 3^2 \bullet 13^2 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m6_{+41}(\downarrow M3_{-41})^2} = (1) + \uparrow P5_{-15}(\downarrow P4_{+15})$

$12169 = 43^1 \bullet 283^1 = \mathbf{(1) + \uparrow P4_{+12}(\downarrow P5_{-12})^1 + \uparrow M2_{-26}(\downarrow m7_{+26})^1} = (1) + \uparrow P5_{-15}(\downarrow P4_{+15})$

$12170 = 2^1 \bullet 5^1 \bullet 1217^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m3_{-1}(\downarrow M6_{+1})^1} = (1) + \uparrow P5_{-15}(\downarrow P4_{+15})$

$12171 = 3^1 \bullet 4057^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \updownarrow 8ve_{-17}(\downarrow uni_{+17})^1} = (1) + \uparrow P5_{-15}(\downarrow P4_{+15})$

$12172 = 2^2 \bullet 17^1 \bullet 179^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow tt_{-19}(\downarrow tt_{+19})^1} = (1) + \uparrow P5_{-14}(\downarrow P4_{+14})$

$12173 = 7^1 \bullet 37^1 \bullet 47^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m3_{-49}(\downarrow M6_{+49})^1 + \uparrow P5_{-34}(\downarrow P4_{+34})^1} = (1) + \uparrow P5_{-14}(\downarrow P4_{+14})$

$12174 = 2^1 \bullet 3^1 \bullet 2029^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \updownarrow 8ve_{-16}(\downarrow uni_{+16})^1} = (1) + \uparrow P5_{-14}(\downarrow P4_{+14})$

$12175 = 5^2 \bullet 487^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow M7_{+13}(\downarrow m2_{-13})^1} = (1) + \uparrow P5_{-14}(\downarrow P4_{+14})$

$12176 = 2^4 \bullet 761^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow P5_{-14}(\downarrow P4_{+14})^1} = (1) + \uparrow P5_{-14}(\downarrow P4_{+14})$

$12177 = 3^3 \bullet 11^1 \bullet 41^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow M3_{+29}(\downarrow m6_{-29})^1} = (1) + \uparrow P5_{-14}(\downarrow P4_{+14})$

$12178 = 2^1 \bullet 6089^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{-14}(\downarrow P4_{+14})^1} = (1) + \uparrow P5_{-14}(\downarrow P4_{+14})$

$12179 = 19^1 \bullet 641^1 = \mathbf{(1) + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow M3_{-11}(\downarrow m6_{+11})^1} = (1) + \uparrow P5_{-13}(\downarrow P4_{+13})$

$12180 = 2^2 \bullet 3^1 \bullet 5^1 \bullet 7^1 \bullet 29^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1} =$

$(1) + \uparrow P5_{-13}(\downarrow P4_{+13})$

$12181 = 13^1 \bullet 937^1 = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow m7_{+46}(\downarrow M2_{-46})^1} = (1) + \uparrow P5_{-13}(\downarrow P4_{+13})$

$12182 = 2^1 \bullet 6091^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{-13}(\downarrow P4_{+13})^1} = (1) + \uparrow P5_{-13}(\downarrow P4_{+13})$

$12183 = 3^1 \bullet 31^1 \bullet 131^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M7_{+45}(\downarrow m2_{-45})^1 + \uparrow uni_{+40}(\downarrow 8ve_{-40})^1} = (1) + \uparrow P5_{-13}(\downarrow P4_{+13})$

$12184 = 2^3 \bullet 1523^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{-13}(\downarrow P4_{+13})^1} = (1) + \uparrow P5_{-13}(\downarrow P4_{+13})$

$12185 = 5^1 \bullet 2437^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m3_{+1}(\downarrow M6_{-1})^1} = (1) + \uparrow P5_{-13}(\downarrow P4_{+13})$

$12186 = 2^1 \bullet 3^2 \bullet 677^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow P4_{-16}(\downarrow P5_{+16})^1} = (1) + \uparrow P5_{-12}(\downarrow P4_{+12})$

$12187 = 7^1 \bullet 1741^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M6_{+19}(\downarrow m3_{-19})^1} = (1) + \uparrow P5_{-12}(\downarrow P4_{+12})$

$12188 = 2^2 \bullet 11^1 \bullet 277^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m2_{+36}(\downarrow M7_{-36})^1} = (1) + \uparrow P5_{-12}(\downarrow P4_{+12})$

$12189 = 3^1 \bullet 17^1 \bullet 239^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow M7_{-19}(\downarrow m2_{+19})^1} = (1) + \uparrow P5_{-12}(\downarrow P4_{+12})$

$12190 = 2^1 \bullet 5^1 \bullet 23^1 \bullet 53^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow M6_{-26}(\downarrow m3_{+26})^1} = (1) + \uparrow P5_{-12}(\downarrow P4_{+12})$

$12191 = 73^1 \bullet 167^1 = \mathbf{(1) + \uparrow M2_{+28}(\downarrow m7_{-28})^1 + \uparrow P4_{-40}(\downarrow P5_{+40})^1} = (1) + \uparrow P5_{-12}(\downarrow P4_{+12})$

$12192 = 2^5 \bullet 3^1 \bullet 127^1 = \mathbf{(1) + \updownarrow 8ve(uni)^5 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \updownarrow 8ve_{-14}(\downarrow uni_{+14})^1} = (1) + \uparrow P5_{-12}(\downarrow P4_{+12})$

$12193 = 89^1 \bullet 137^1 = \mathbf{(1) + \uparrow tt_{-29}(\downarrow tt_{+29})^1 + \uparrow m2_{+18}(\downarrow M7_{-18})^1} = (1) + \uparrow P5_{-11}(\downarrow P4_{+11})$

$12194 = 2^1 \bullet 7^1 \bullet 13^1 \bullet 67^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow m2_{-21}(\downarrow M7_{+21})^1} = (1) + \uparrow P5_{-11}(\downarrow P4_{+11})$

$12195 = 3^2 \bullet 5^1 \bullet 271^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m2_{-1}(\downarrow M7_{+1})^1} = (1) + \uparrow P5_{-11}(\downarrow P4_{+11})$

$12196 = 2^2 \bullet 3049^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{-11}(\downarrow P4_{+11})^1} = (1) + \uparrow P5_{-11}(\downarrow P4_{+11})$

$12197 = 12197^1 = \mathbf{(1) + \uparrow P5_{-11}(\downarrow P4_{+11})}$

$12198 = 2^1 \bullet 3^1 \bullet 19^1 \bullet 107^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow M6_{-10}(\downarrow m3_{+10})^1} = (1) + \uparrow P5_{-11}(\downarrow P4_{+11})$

$12199 = 11^1 \bullet 1109^1 = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m2_{+38}(\downarrow M7_{-38})^1} = (1) + \uparrow P5_{-11}(\downarrow P4_{+11})$

$12200 = 2^3 \bullet 5^2 \bullet 61^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow M7_{+17}(\downarrow m2_{-17})^1} = (1) + \uparrow P5_{-10}(\downarrow P4_{+10})$

$12201 = 3^1 \bullet 7^2 \bullet 83^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^2 + \uparrow P4_{-50}(\downarrow P5_{+50})^1} = (1) + \uparrow P5_{-10}(\downarrow P4_{+10})$

$12202 = 2^1 \bullet 6101^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{-10}(\downarrow P4_{+10})^1} = (1) + \uparrow P5_{-10}(\downarrow P4_{+10})$

$12203 = 12203^1 = \mathbf{(1) + \uparrow P5_{-10}(\downarrow P4_{+10})}$

$12204 = 2^2 \bullet 3^3 \bullet 113^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow m7_{-16}(\downarrow M2_{+16})^1} = (1) + \uparrow P5_{-10}(\downarrow P4_{+10})$

$12205 = 5^1 \bullet 2441^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m3_{+4}(\downarrow M6_{-4})^1} = (1) + \uparrow P5_{-10}(\downarrow P4_{+10})$

$12206 = 2^1 \bullet 17^1 \bullet 359^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow tt_{-15}(\downarrow tt_{+15})^1} = (1) + \uparrow P5_{-10}(\downarrow P4_{+10})$

$12207 = 3^1 \bullet 13^1 \bullet 313^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow m3_{+48}(\downarrow M6_{-48})^1} = (1) + \uparrow P5_{-9}(\downarrow P4_{+9})$

$12208 = 2^4 \bullet 7^1 \bullet 109^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M6_{+22}(\downarrow m3_{-22})^1} = (1) + \uparrow P5_{-9}(\downarrow P4_{+9})$

$12209 = 29^1 \bullet 421^1 = \mathbf{(1) + \uparrow m7_{+30}(\downarrow M2_{-30})^1 + \uparrow M6_{-39}(\downarrow m3_{+39})^1} = (1) + \uparrow P5_{-9}(\downarrow P4_{+9})$

$12210 = 2^1 \bullet 3^1 \bullet 5^1 \bullet 11^1 \bullet 37^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m3_{-49}(\downarrow M6_{+49})^1} =$
$(1) + \uparrow P5_{-9}(\downarrow P4_{+9})$

$12211 = 12211^1 = \mathbf{(1) + \uparrow P5_{-9}(\downarrow P4_{+9})}$

$12212 = 2^2 \bullet 43^1 \bullet 71^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P4_{+12}(\downarrow P5_{-12})^1 + \uparrow M2_{-20}(\downarrow m7_{+20})^1} = (1) + \uparrow P5_{-9}(\downarrow P4_{+9})$

$12213 = 3^2 \bullet 23^1 \bullet 59^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow M7_{-41}(\downarrow m2_{+41})^1} = (1) + \uparrow P5_{-9}(\downarrow P4_{+9})$

$12214 = 2^1 \bullet 31^1 \bullet 197^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M7_{+45}(\downarrow m2_{-45})^1 + \uparrow P5_{+46}(\downarrow P4_{-46})^1} = (1) + \uparrow P5_{-9}(\downarrow P4_{+9})$

$12215 = 5^1 \bullet 7^1 \bullet 349^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow P4_{+36}(\downarrow P5_{-36})^1} = (1) + \uparrow P5_{-8}(\downarrow P4_{+8})$

$12216 = 2^3 \bullet 3^1 \bullet 509^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow 8ve_{-10}(\downarrow uni_{+10})^1} = (1) + \uparrow P5_{-8}(\downarrow P4_{+8})$

$12217 = 19^1 \bullet 643^1 = \mathbf{(1) + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow M3_{-6}(\downarrow m6_{+6})^1} = (1) + \uparrow P5_{-8}(\downarrow P4_{+8})$

$12218 = 2^1 \bullet 41^1 \bullet 149^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{+29}(\downarrow m6_{-29})^1 + \uparrow m3_{-37}(\downarrow M6_{+37})^1} = (1) + \uparrow P5_{-8}(\downarrow P4_{+8})$

$12219 = 3^1 \bullet 4073^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow 8ve_{-10}(\downarrow uni_{+10})^1} = (1) + \uparrow P5_{-8}(\downarrow P4_{+8})$

$12220 = 2^2 \bullet 5^1 \bullet 13^1 \bullet 47^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow P5_{-34}(\downarrow P4_{+34})^1} = (1) + \uparrow P5_{-8}(\downarrow P4_{+8})$

$12221 = 11^2 \bullet 101^1 = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^2 + \uparrow m6_{-10}(\downarrow M3_{+10})^1} = (1) + \uparrow P5_{-8}(\downarrow P4_{+8})$

$12222 = 2^1 \bullet 3^2 \bullet 7^1 \bullet 97^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow P5_{+20}(\downarrow P4_{-20})^1} = (1) + \uparrow P5_{-7}(\downarrow P4_{+7})$

$12223 = 17^1 \bullet 719^1 = \mathbf{(1) + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow tt_{-12}(\downarrow tt_{+12})^1} = (1) + \uparrow P5_{-7}(\downarrow P4_{+7})$

$12224 = 2^6 \bullet 191^1 = \mathbf{(1) + \updownarrow 8ve(uni)^6 + \uparrow P5_{-7}(\downarrow P4_{+7})^1} = (1) + \uparrow P5_{-7}(\downarrow P4_{+7})$

$12225 = 3^1 \bullet 5^2 \bullet 163^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow M3_{+18}(\downarrow m6_{-18})^1} = (1) + \uparrow P5_{-7}(\downarrow P4_{+7})$

$12226 = 2^1 \bullet 6113^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{-7}(\downarrow P4_{+7})^1} = (1) + \uparrow P5_{-7}(\downarrow P4_{+7})$

$12227 = 12227^1 = \mathbf{(1) + \uparrow P5_{-7}(\downarrow P4_{+7})}$

$12228 = 2^2 \bullet 3^1 \bullet 1019^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow 8ve_{-8}(\downarrow uni_{+8})^1} = (1) + \uparrow P5_{-7}(\downarrow P4_{+7})$

$12229 = 7^1 \bullet 1747^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M6_{+25}(\downarrow m3_{-25})^1} = (1) + \uparrow P5_{-6}(\downarrow P4_{+6})$

$12230 = 2^1 \bullet 5^1 \bullet 1223^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m3_{+7}(\downarrow M6_{-7})^1} = (1) + \uparrow P5_{-6}(\downarrow P4_{+6})$

$12231 = 3^4 \bullet 151^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^4 + \uparrow m3_{-14}(\downarrow M6_{+14})^1} = (1) + \uparrow P5_{-6}(\downarrow P4_{+6})$

$12232 = 2^3 \bullet 11^1 \bullet 139^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m2_{+43}(\downarrow M7_{-43})^1} = (1) + \uparrow P5_{-6}(\downarrow P4_{+6})$

$12233 = 13^1 \bullet 941^1 = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow M7_{-46}(\downarrow m2_{+46})^1} = (1) + \uparrow P5_{-6}(\downarrow P4_{+6})$

$12234 = 2^1 \bullet 3^1 \bullet 2039^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow 8ve_{-8}(\downarrow uni_{+8})^1} = (1) + \uparrow P5_{-6}(\downarrow P4_{+6})$

$12235 = 5^1 \bullet 2447^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m3_{+8}(\downarrow M6_{-8})^1} = (1) + \uparrow P5_{-6}(\downarrow P4_{+6})$

$12236 = 2^2 \bullet 7^1 \bullet 19^1 \bullet 23^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1} = (1) + \uparrow P5_{-5}(\downarrow P4_{+5})$

$12237 = 3^1 \bullet 4079^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow 8ve_{-7}(\downarrow uni_{+7})^1} = (1) + \uparrow P5_{-5}(\downarrow P4_{+5})$

$12238 = 2^1 \bullet 29^1 \bullet 211^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1 + \uparrow M6_{-35}(\downarrow m3_{+35})^1} = (1) + \uparrow P5_{-5}(\downarrow P4_{+5})$

$12239 = 12239^1 = \mathbf{(1) + \uparrow P5_{-5}(\downarrow P4_{+5})}$

$12240 = 2^4 \bullet 3^2 \bullet 5^1 \bullet 17^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1} = (1) + \uparrow P5_{-5}(\downarrow P4_{+5})$

$12241 = 12241^1 = \mathbf{(1) + \uparrow P5_{-5}(\downarrow P4_{+5})}$

$12242 = 2^1 \bullet 6121^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{-5}(\downarrow P4_{+5})^1} = (1) + \uparrow P5_{-5}(\downarrow P4_{+5})$

$12243 = 3^1 \bullet 7^1 \bullet 11^1 \bullet 53^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow M6_{-26}(\downarrow m3_{+26})^1} = (1) + \uparrow P5_{-4}(\downarrow P4_{+4})$

$12244 = 2^2 \bullet 3061^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{-4}(\downarrow P4_{+4})^1} = (1) + \uparrow P5_{-4}(\downarrow P4_{+4})$

$12245 = 5^1 \bullet 31^1 \bullet 79^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M7_{+45}(\downarrow m2_{-45})^1 + \uparrow M3_{-35}(\downarrow m6_{+35})^1} = (1) + \uparrow P5_{-4}(\downarrow P4_{+4})$

$12246 = 2^1 \bullet 3^1 \bullet 13^1 \bullet 157^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow M3_{-46}(\downarrow m6_{+46})^1} = (1) + \uparrow P5_{-4}(\downarrow P4_{+4})$

$12247 = 37^1 \bullet 331^1 = \mathbf{(1) + \uparrow m3_{-49}(\downarrow M6_{+49})^1 + \uparrow M3_{+45}(\downarrow m6_{-45})^1} = (1) + \uparrow P5_{-4}(\downarrow P4_{+4})$

$12248 = 2^{3}\bullet 1531^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{-4}(\downarrow P4_{+4})^{1}} = (1) + \uparrow P5_{-4}(\downarrow P4_{+4})$

$12249 = 3^{2}\bullet 1361^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow P4_{-7}(\downarrow P5_{+7})^{1}} = (1) + \uparrow P5_{-4}(\downarrow P4_{+4})$

$12250 = 2^{1}\bullet 5^{3}\bullet 7^{2} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{3} + \uparrow m7_{-31}(\downarrow M2_{+31})^{2}} = (1) + \uparrow P5_{-3}(\downarrow P4_{+3})$

$12251 = 12251^{1} = \mathbf{(1) + \uparrow P5_{-3}(\downarrow P4_{+3})}$

$12252 = 2^{2}\bullet 3^{1}\bullet 1021^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow 8ve_{-5}(\downarrow uni_{+5})^{1}} = (1) + \uparrow P5_{-3}(\downarrow P4_{+3})$

$12253 = 12253^{1} = \mathbf{(1) + \uparrow P5_{-3}(\downarrow P4_{+3})}$

$12254 = 2^{1}\bullet 11^{1}\bullet 557^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m2_{+46}(\downarrow M7_{-46})^{1}} = (1) + \uparrow P5_{-3}(\downarrow P4_{+3})$

$12255 = 3^{1}\bullet 5^{1}\bullet 19^{1}\bullet 43^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow P4_{+12}(\downarrow P5_{-12})^{1}} = (1) + \uparrow P5_{-3}(\downarrow P4_{+3})$

$12256 = 2^{5}\bullet 383^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{5} + \uparrow P5_{-3}(\downarrow P4_{+3})^{1}} = (1) + \uparrow P5_{-3}(\downarrow P4_{+3})$

$12257 = 7^{1}\bullet 17^{1}\bullet 103^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow m6_{+24}(\downarrow M3_{-24})^{1}} = (1) + \uparrow P5_{-2}(\downarrow P4_{+2})$

$12258 = 2^{1}\bullet 3^{3}\bullet 227^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow m7_{-8}(\downarrow M2_{+8})^{1}} = (1) + \uparrow P5_{-2}(\downarrow P4_{+2})$

$12259 = 13^{1}\bullet 23^{1}\bullet 41^{1} = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow M3_{+29}(\downarrow m6_{-29})^{1}} = (1) + \uparrow P5_{-2}(\downarrow P4_{+2})$

$12260 = 2^{2}\bullet 5^{1}\bullet 613^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m3_{+12}(\downarrow M6_{-12})^{1}} = (1) + \uparrow P5_{-2}(\downarrow P4_{+2})$

$12261 = 3^{1}\bullet 61^{1}\bullet 67^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M7_{+17}(\downarrow m2_{-17})^{1} + \uparrow m2_{-21}(\downarrow M7_{+21})^{1}} = (1) + \uparrow P5_{-2}(\downarrow P4_{+2})$

$12262 = 2^{1}\bullet 6131^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{-2}(\downarrow P4_{+2})^{1}} = (1) + \uparrow P5_{-2}(\downarrow P4_{+2})$

$12263 = 12263^{1} = \mathbf{(1) + \uparrow P5_{-2}(\downarrow P4_{+2})}$

$12264 = 2^{3}\bullet 3^{1}\bullet 7^{1}\bullet 73^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M2_{+28}(\downarrow m7_{-28})^{1}} = (1) + \uparrow P5_{-1}(\downarrow P4_{+1})$

$12265 = 5^{1}\bullet 11^{1}\bullet 223^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m7_{-39}(\downarrow M2_{+39})^{1}} = (1) + \uparrow P5_{-1}(\downarrow P4_{+1})$

$12266 = 2^{1}\bullet 6133^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{-1}(\downarrow P4_{+1})^{1}} = (1) + \uparrow P5_{-1}(\downarrow P4_{+1})$

$12267 = 3^{2}\bullet 29^{1}\bullet 47^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1} + \uparrow P5_{-34}(\downarrow P4_{+34})^{1}} = (1) + \uparrow P5_{-1}(\downarrow P4_{+1})$

$12268 = 2^{2}\bullet 3067^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{-1}(\downarrow P4_{+1})^{1}} = (1) + \uparrow P5_{-1}(\downarrow P4_{+1})$

$12269 = 12269^{1} = \mathbf{(1) + \uparrow P5_{-1}(\downarrow P4_{+1})}$

$12270 = 2^{1}\bullet 3^{1}\bullet 5^{1}\bullet 409^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m6_{+11}(\downarrow M3_{-11})^{1}} = (1) + \uparrow P5_{-1}(\downarrow P4_{+1})$

$12271 = 7^{1}\bullet 1753^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M6_{+31}(\downarrow m3_{-31})^{1}} = (1) + \uparrow P5_{+0}(\downarrow P4_{-0})$

$12272 = 2^{4}\bullet 13^{1}\bullet 59^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow M7_{-41}(\downarrow m2_{+41})^{1}} = (1) + \uparrow P5_{+0}(\downarrow P4_{-0})$

$12273 = 3^{1}\bullet 4091^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow 8ve_{-2}(\downarrow uni_{+2})^{1}} = (1) + \uparrow P5_{+0}(\downarrow P4_{-0})$

$12274 = 2^{1}\bullet 17^{1}\bullet 19^{2} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{2}} = (1) + \uparrow P5_{+0}(\downarrow P4_{-0})$

$12275 = 5^{2}\bullet 491^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow M7_{+27}(\downarrow m2_{-27})^{1}} = (1) + \uparrow P5_{+0}(\downarrow P4_{-0})$

$12276 = 2^{2}\bullet 3^{2}\bullet 11^{1}\bullet 31^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1}} = (1) + \uparrow P5_{+0}(\downarrow P4_{-0})$

$12277 = 12277^{1} = \mathbf{(1) + \uparrow P5_{+0}(\downarrow P4_{-0})}$

$12278 = 2^{1}\bullet 7^{1}\bullet 877^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M6_{+32}(\downarrow m3_{-32})^{1}} = (1) + \uparrow P5_{+1}(\downarrow P4_{-1})$

$12279 = 3^{1}\bullet 4093^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow 8ve_{-1}(\downarrow uni_{+1})^{1}} = (1) + \uparrow P5_{+1}(\downarrow P4_{-1})$

$12280 = 2^{3}\bullet 5^{1}\bullet 307^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m3_{+15}(\downarrow M6_{-15})^{1}} = (1) + \uparrow P5_{+1}(\downarrow P4_{-1})$

$12281 = 12281^{1} = \mathbf{(1) + \uparrow P5_{+1}(\downarrow P4_{-1})}$

$12282 = 2^{1}\bullet 3^{1}\bullet 23^{1}\bullet 89^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow tt_{-29}(\downarrow tt_{+29})^{1}} = (1) + \uparrow P5_{+1}(\downarrow P4_{-1})$

$12283 = 71^{1}\bullet 173^{1} = \mathbf{(1) + \uparrow M2_{-20}(\downarrow m7_{+20})^{1} + \uparrow P4_{+22}(\downarrow P5_{-22})^{1}} = (1) + \uparrow P5_{+1}(\downarrow P4_{-1})$

$12284 = 2^{2}\bullet 37^{1}\bullet 83^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m3_{-49}(\downarrow M6_{+49})^{1} + \uparrow P4_{-50}(\downarrow P5_{+50})^{1}} = (1) + \uparrow P5_{+1}(\downarrow P4_{-1})$

$12285 = 3^{3}\bullet 5^{1}\bullet 7^{1}\bullet 13^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1}} = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})$

$12286 = 2^{1}\bullet 6143^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1}} = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})$

$12287 = 11^{1}\bullet 1117^{1} = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow M2_{-50}(\downarrow m7_{+50})^{1}} = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})$

$12288 = 2^{12}\bullet 3^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{12} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1}} = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})$

$12289 = 12289^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})}$

$12290 = 2^1 \bullet 5^1 \bullet 1229^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m3_{+16}(\downarrow M6_{-16})^1} = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})$

$12291 = 3^1 \bullet 17^1 \bullet 241^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow M7_{-5}(\downarrow m2_{+5})^1} = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})$

$12292 = 2^2 \bullet 7^1 \bullet 439^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M6_{+34}(\downarrow m3_{-34})^1} = (1) + \uparrow P5_{+3}(\downarrow P4_{-3})$

$12293 = 19^1 \bullet 647^1 = \mathbf{(1) + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow M3_{+5}(\downarrow m6_{-5})^1} = (1) + \uparrow P5_{+3}(\downarrow P4_{-3})$

$12294 = 2^1 \bullet 3^2 \bullet 683^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow P4_{-1}(\downarrow P5_{+1})^1} = (1) + \uparrow P5_{+3}(\downarrow P4_{-3})$

$12295 = 5^1 \bullet 2459^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m3_{+17}(\downarrow M6_{-17})^1} = (1) + \uparrow P5_{+3}(\downarrow P4_{-3})$

$12296 = 2^3 \bullet 29^1 \bullet 53^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow m7_{+30}(\downarrow M2_{-30})^1 + \uparrow M6_{-26}(\downarrow m3_{+26})^1} = (1) + \uparrow P5_{+3}(\downarrow P4_{-3})$

$12297 = 3^1 \bullet 4099^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow uni_{+1}(\downarrow 8ve_{-1})^1} = (1) + \uparrow P5_{+3}(\downarrow P4_{-3})$

$12298 = 2^1 \bullet 11^1 \bullet 13^1 \bullet 43^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow P4_{+12}(\downarrow P5_{-12})^1} = (1) + \uparrow P5_{+3}(\downarrow P4_{-3})$

$12299 = 7^2 \bullet 251^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^2 + \uparrow 8ve_{-34}(\downarrow uni_{+34})^1} = (1) + \uparrow P5_{+4}(\downarrow P4_{-4})$

$12300 = 2^2 \bullet 3^1 \bullet 5^2 \bullet 41^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow M3_{+29}(\downarrow m6_{-29})^1} = (1) + \uparrow P5_{+4}(\downarrow P4_{-4})$

$12301 = 12301^1 = \mathbf{(1) + \uparrow P5_{+4}(\downarrow P4_{-4})}$

$12302 = 2^1 \bullet 6151^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+4}(\downarrow P4_{-4})^1} = (1) + \uparrow P5_{+4}(\downarrow P4_{-4})$

$12303 = 3^2 \bullet 1367^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow P4_{+0}(\downarrow P5_{-0})^1} = (1) + \uparrow P5_{+4}(\downarrow P4_{-4})$

$12304 = 2^4 \bullet 769^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow P5_{+4}(\downarrow P4_{-4})^1} = (1) + \uparrow P5_{+4}(\downarrow P4_{-4})$

$12305 = 5^1 \bullet 23^1 \bullet 107^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow M6_{-10}(\downarrow m3_{+10})^1} = (1) + \uparrow P5_{+4}(\downarrow P4_{-4})$

$12306 = 2^1 \bullet 3^1 \bullet 7^1 \bullet 293^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M2_{+34}(\downarrow m7_{-34})^1} = (1) + \uparrow P5_{+4}(\downarrow P4_{-4})$

$12307 = 31^1 \bullet 397^1 = \mathbf{(1) + \uparrow M7_{+45}(\downarrow m2_{-45})^1 + \uparrow m6_{-40}(\downarrow M3_{+40})^1} = (1) + \uparrow P5_{+5}(\downarrow P4_{-5})$

$12308 = 2^2 \bullet 17^1 \bullet 181^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow tt_{+0}(\downarrow tt_{-0})^1} = (1) + \uparrow P5_{+5}(\downarrow P4_{-5})$

$12309 = 3^1 \bullet 11^1 \bullet 373^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow P5_{-48}(\downarrow P4_{+48})^1} = (1) + \uparrow P5_{+5}(\downarrow P4_{-5})$

$12310 = 2^1 \bullet 5^1 \bullet 1231^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m3_{+19}(\downarrow M6_{-19})^1} = (1) + \uparrow P5_{+5}(\downarrow P4_{-5})$

$12311 = 13^1 \bullet 947^1 = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow M7_{-35}(\downarrow m2_{+35})^1} = (1) + \uparrow P5_{+5}(\downarrow P4_{-5})$

$12312 = 2^3 \bullet 3^4 \bullet 19^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{+2}(\downarrow P4_{-2})^4 + \uparrow m3_{-2}(\downarrow M6_{+2})^1} = (1) + \uparrow P5_{+5}(\downarrow P4_{-5})$

$12313 = 7^1 \bullet 1759^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M6_{+37}(\downarrow m3_{-37})^1} = (1) + \uparrow P5_{+5}(\downarrow P4_{-5})$

$12314 = 2^1 \bullet 47^1 \bullet 131^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{-34}(\downarrow P4_{+34})^1 + \uparrow uni_{+40}(\downarrow 8ve_{-40})^1} = (1) + \uparrow P5_{+6}(\downarrow P4_{-6})$

$12315 = 3^1 \bullet 5^1 \bullet 821^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m6_{+17}(\downarrow M3_{-17})^1} = (1) + \uparrow P5_{+6}(\downarrow P4_{-6})$

$12316 = 2^2 \bullet 3079^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+6}(\downarrow P4_{-6})^1} = (1) + \uparrow P5_{+6}(\downarrow P4_{-6})$

$12317 = 109^1 \bullet 113^1 = \mathbf{(1) + \uparrow M6_{+22}(\downarrow m3_{-22})^1 + \uparrow m7_{-16}(\downarrow M2_{+16})^1} = (1) + \uparrow P5_{+6}(\downarrow P4_{-6})$

$12318 = 2^1 \bullet 3^1 \bullet 2053^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow uni_{+4}(\downarrow 8ve_{-4})^1} = (1) + \uparrow P5_{+6}(\downarrow P4_{-6})$

$12319 = 97^1 \bullet 127^1 = \mathbf{(1) + \uparrow P5_{+20}(\downarrow P4_{-20})^1 + \uparrow 8ve_{-14}(\downarrow uni_{+14})^1} = (1) + \uparrow P5_{+6}(\downarrow P4_{-6})$

$12320 = 2^5 \bullet 5^1 \bullet 7^1 \bullet 11^1 = \mathbf{(1) + \updownarrow 8ve(uni)^5 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1} = (1) + \uparrow P5_{+6}(\downarrow P4_{-6})$

$12321 = 3^2 \bullet 37^2 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m3_{-49}(\downarrow M6_{+49})^2} = (1) + \uparrow P5_{+7}(\downarrow P4_{-7})$

$12322 = 2^1 \bullet 61^1 \bullet 101^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M7_{+17}(\downarrow m2_{-17})^1 + \uparrow m6_{-10}(\downarrow M3_{+10})^1} = (1) + \uparrow P5_{+7}(\downarrow P4_{-7})$

$12323 = 12323^1 = \mathbf{(1) + \uparrow P5_{+7}(\downarrow P4_{-7})}$

$12324 = 2^2 \bullet 3^1 \bullet 13^1 \bullet 79^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow M3_{-35}(\downarrow m6_{+35})^1} = (1) + \uparrow P5_{+7}(\downarrow P4_{-7})$

$12325 = 5^2 \bullet 17^1 \bullet 29^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1} = (1) + \uparrow P5_{+7}(\downarrow P4_{-7})$

$12326 = 2^1 \bullet 6163^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+7}(\downarrow P4_{-7})^1} = (1) + \uparrow P5_{+7}(\downarrow P4_{-7})$

$12327 = 3^1 \bullet 7^1 \bullet 587^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M2_{+37}(\downarrow m7_{-37})^1} = (1) + \uparrow P5_{+7}(\downarrow P4_{-7})$

$12328 = 2^3 \bullet 23^1 \bullet 67^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow m2_{-21}(\downarrow M7_{+21})^1} = (1) + \uparrow P5_{+8}(\downarrow P4_{-8})$

$12329 = 12329^1 = \mathbf{(1) + \uparrow P5_{+8}(\downarrow P4_{-8})}$

$12330 = 2^1 \bullet 3^2 \bullet 5^1 \bullet 137^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m2_{+18}(\downarrow M7_{-18})^1} = (1) + \uparrow P5_{+8}(\downarrow P4_{-8})$

$12331 = 11^1 \bullet 19^1 \bullet 59^1 = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow M7_{-41}(\downarrow m2_{+41})^1} = (1) + \uparrow P5_{+8}(\downarrow P4_{-8})$

$12332 = 2^{2}\bullet 3083^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+8}(\downarrow P4_{-8})^{1}} = (1) + \uparrow P5_{+8}(\downarrow P4_{-8})$

$12333 = 3^{1}\bullet 4111^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow uni_{+6}(\downarrow 8ve_{-6})^{1}} = (1) + \uparrow P5_{+8}(\downarrow P4_{-8})$

$12334 = 2^{1}\bullet 7^{1}\bullet 881^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M6_{+40}(\downarrow m3_{-40})^{1}} = (1) + \uparrow P5_{+8}(\downarrow P4_{-8})$

$12335 = 5^{1}\bullet 2467^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m3_{+22}(\downarrow M6_{-22})^{1}} = (1) + \uparrow P5_{+9}(\downarrow P4_{-9})$

$12336 = 2^{4}\bullet 3^{1}\bullet 257^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow uni_{+7}(\downarrow 8ve_{-7})^{1}} = (1) + \uparrow P5_{+9}(\downarrow P4_{-9})$

$12337 = 13^{2}\bullet 73^{1} = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^{2} + \uparrow M2_{+28}(\downarrow m7_{-28})^{1}} = (1) + \uparrow P5_{+9}(\downarrow P4_{-9})$

$12338 = 2^{1}\bullet 31^{1}\bullet 199^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1} + \uparrow m6_{-36}(\downarrow M3_{+36})^{1}} = (1) + \uparrow P5_{+9}(\downarrow P4_{-9})$

$12339 = 3^{3}\bullet 457^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow m7_{+3}(\downarrow M2_{-3})^{1}} = (1) + \uparrow P5_{+9}(\downarrow P4_{-9})$

$12340 = 2^{2}\bullet 5^{1}\bullet 617^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m3_{+23}(\downarrow M6_{-23})^{1}} = (1) + \uparrow P5_{+9}(\downarrow P4_{-9})$

$12341 = 7^{1}\bullet 41^{1}\bullet 43^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M3_{+29}(\downarrow m6_{-29})^{1} + \uparrow P4_{+12}(\downarrow P5_{-12})^{1}} = (1) + \uparrow P5_{+9}(\downarrow P4_{-9})$

$12342 = 2^{1}\bullet 3^{1}\bullet 11^{2}\bullet 17^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{2} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1}} = (1) + \uparrow P5_{+10}(\downarrow P4_{-10})$

$12343 = 12343^{1} = \mathbf{(1) + \uparrow P5_{+10}(\downarrow P4_{-10})}$

$12344 = 2^{3}\bullet 1543^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{+10}(\downarrow P4_{-10})^{1}} = (1) + \uparrow P5_{+10}(\downarrow P4_{-10})$

$12345 = 3^{1}\bullet 5^{1}\bullet 823^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m6_{+22}(\downarrow M3_{-22})^{1}} = (1) + \uparrow P5_{+10}(\downarrow P4_{-10})$

$12346 = 2^{1}\bullet 6173^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+10}(\downarrow P4_{-10})^{1}} = (1) + \uparrow P5_{+10}(\downarrow P4_{-10})$

$12347 = 12347^{1} = \mathbf{(1) + \uparrow P5_{+10}(\downarrow P4_{-10})}$

$12348 = 2^{2}\bullet 3^{2}\bullet 7^{3} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{3}} = (1) + \uparrow P5_{+10}(\downarrow P4_{-10})$

$12349 = 53^{1}\bullet 233^{1} = \mathbf{(1) + \uparrow M6_{-26}(\downarrow m3_{+26})^{1} + \uparrow m7_{+37}(\downarrow M2_{-37})^{1}} = (1) + \uparrow P5_{+11}(\downarrow P4_{-11})$

$12350 = 2^{1}\bullet 5^{2}\bullet 13^{1}\bullet 19^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1}} = (1) + \uparrow P5_{+11}(\downarrow P4_{-11})$

$12351 = 3^{1}\bullet 23^{1}\bullet 179^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow tt_{-19}(\downarrow tt_{+19})^{1}} = (1) + \uparrow P5_{+11}(\downarrow P4_{-11})$

$12352 = 2^{6}\bullet 193^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{6} + \uparrow P5_{+11}(\downarrow P4_{-11})^{1}} = (1) + \uparrow P5_{+11}(\downarrow P4_{-11})$

$12353 = 11^{1}\bullet 1123^{1} = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow M2_{-40}(\downarrow m7_{+40})^{1}} = (1) + \uparrow P5_{+11}(\downarrow P4_{-11})$

$12354 = 2^{1}\bullet 3^{1}\bullet 29^{1}\bullet 71^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1} + \uparrow M2_{-20}(\downarrow m7_{+20})^{1}} = (1) + \uparrow P5_{+11}(\downarrow P4_{-11})$

$12355 = 5^{1}\bullet 7^{1}\bullet 353^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow tt_{-44}(\downarrow tt_{+44})^{1}} = (1) + \uparrow P5_{+11}(\downarrow P4_{-11})$

$12356 = 2^{2}\bullet 3089^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+12}(\downarrow P4_{-12})^{1}} = (1) + \uparrow P5_{+12}(\downarrow P4_{-12})$

$12357 = 3^{2}\bullet 1373^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow P4_{+8}(\downarrow P5_{-8})^{1}} = (1) + \uparrow P5_{+12}(\downarrow P4_{-12})$

$12358 = 2^{1}\bullet 37^{1}\bullet 167^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m3_{-49}(\downarrow M6_{+49})^{1} + \uparrow P4_{-40}(\downarrow P5_{+40})^{1}} = (1) + \uparrow P5_{+12}(\downarrow P4_{-12})$

$12359 = 17^{1}\bullet 727^{1} = \mathbf{(1) + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow tt_{+7}(\downarrow tt_{-7})^{1}} = (1) + \uparrow P5_{+12}(\downarrow P4_{-12})$

$12360 = 2^{3}\bullet 3^{1}\bullet 5^{1}\bullet 103^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m6_{+24}(\downarrow M3_{-24})^{1}} = (1) + \uparrow P5_{+12}(\downarrow P4_{-12})$

$12361 = 47^{1}\bullet 263^{1} = \mathbf{(1) + \uparrow P5_{-34}(\downarrow P4_{+34})^{1} + \uparrow uni_{+47}(\downarrow 8ve_{-47})^{1}} = (1) + \uparrow P5_{+12}(\downarrow P4_{-12})$

$12362 = 2^{1}\bullet 7^{1}\bullet 883^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M6_{+44}(\downarrow m3_{-44})^{1}} = (1) + \uparrow P5_{+12}(\downarrow P4_{-12})$

$12363 = 3^{1}\bullet 13^{1}\bullet 317^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow M3_{-30}(\downarrow m6_{+30})^{1}} = (1) + \uparrow P5_{+12}(\downarrow P4_{-12})$

$12364 = 2^{2}\bullet 11^{1}\bullet 281^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow M2_{-39}(\downarrow m7_{+39})^{1}} = (1) + \uparrow P5_{+13}(\downarrow P4_{-13})$

$12365 = 5^{1}\bullet 2473^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m3_{+26}(\downarrow M6_{-26})^{1}} = (1) + \uparrow P5_{+13}(\downarrow P4_{-13})$

$12366 = 2^{1}\bullet 3^{3}\bullet 229^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow m7_{+7}(\downarrow M2_{-7})^{1}} = (1) + \uparrow P5_{+13}(\downarrow P4_{-13})$

$12367 = 83^{1}\bullet 149^{1} = \mathbf{(1) + \uparrow P4_{-50}(\downarrow P5_{+50})^{1} + \uparrow m3_{-37}(\downarrow M6_{+37})^{1}} = (1) + \uparrow P5_{+13}(\downarrow P4_{-13})$

$12368 = 2^{4}\bullet 773^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow P5_{+13}(\downarrow P4_{-13})^{1}} = (1) + \uparrow P5_{+13}(\downarrow P4_{-13})$

$12369 = 3^{1}\bullet 7^{1}\bullet 19^{1}\bullet 31^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1}} = (1) + \uparrow P5_{+13}(\downarrow P4_{-13})$

$12370 = 2^{1}\bullet 5^{1}\bullet 1237^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m3_{+27}(\downarrow M6_{-27})^{1}} = (1) + \uparrow P5_{+13}(\downarrow P4_{-13})$

$12371 = 89^{1}\bullet 139^{1} = \mathbf{(1) + \uparrow tt_{-29}(\downarrow tt_{+29})^{1} + \uparrow m2_{+43}(\downarrow M7_{-43})^{1}} = (1) + \uparrow P5_{+14}(\downarrow P4_{-14})$

$12372 = 2^{2}\bullet 3^{1}\bullet 1031^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow uni_{+12}(\downarrow 8ve_{-12})^{1}} = (1) + \uparrow P5_{+14}(\downarrow P4_{-14})$

$12373 = 12373^{1} = \mathbf{(1) + \uparrow P5_{+14}(\downarrow P4_{-14})}$

$12374 = 2^1 \bullet 23^1 \bullet 269^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow m2_{-14}(\downarrow M7_{+14})^1} = (1) + \uparrow P5_{+14}(\downarrow P4_{-14})$

$12375 = 3^2 \bullet 5^3 \bullet 11^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^3 + \uparrow tt_{-49}(\downarrow tt_{+49})^1} = (1) + \uparrow P5_{+14}(\downarrow P4_{-14})$

$12376 = 2^3 \bullet 7^1 \bullet 13^1 \bullet 17^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1} = (1) + \uparrow P5_{+14}(\downarrow P4_{-14})$

$12377 = 12377^1 = \mathbf{(1) + \uparrow P5_{+14}(\downarrow P4_{-14})}$

$12378 = 2^1 \bullet 3^1 \bullet 2063^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow uni_{+13}(\downarrow 8ve_{-13})^1} = (1) + \uparrow P5_{+15}(\downarrow P4_{-15})$

$12379 = 12379^1 = \mathbf{(1) + \uparrow P5_{+15}(\downarrow P4_{-15})}$

$12380 = 2^2 \bullet 5^1 \bullet 619^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m3_{+29}(\downarrow M6_{-29})^1} = (1) + \uparrow P5_{+15}(\downarrow P4_{-15})$

$12381 = 3^1 \bullet 4127^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow uni_{+13}(\downarrow 8ve_{-13})^1} = (1) + \uparrow P5_{+15}(\downarrow P4_{-15})$

$12382 = 2^1 \bullet 41^1 \bullet 151^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{+29}(\downarrow m6_{-29})^1 + \uparrow m3_{-14}(\downarrow M6_{+14})^1} = (1) + \uparrow P5_{+15}(\downarrow P4_{-15})$

$12383 = 7^1 \bullet 29^1 \bullet 61^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1 + \uparrow M7_{+17}(\downarrow m2_{-17})^1} = (1) + \uparrow P5_{+15}(\downarrow P4_{-15})$

$12384 = 2^5 \bullet 3^2 \bullet 43^1 = \mathbf{(1) + \updownarrow 8ve(uni)^5 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow P4_{+12}(\downarrow P5_{-12})^1} = (1) + \uparrow P5_{+15}(\downarrow P4_{-15})$

$12385 = 5^1 \bullet 2477^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m3_{+29}(\downarrow M6_{-29})^1} = (1) + \uparrow P5_{+16}(\downarrow P4_{-16})$

$12386 = 2^1 \bullet 11^1 \bullet 563^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow M2_{-36}(\downarrow m7_{+36})^1} = (1) + \uparrow P5_{+16}(\downarrow P4_{-16})$

$12387 = 3^1 \bullet 4129^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow uni_{+14}(\downarrow 8ve_{-14})^1} = (1) + \uparrow P5_{+16}(\downarrow P4_{-16})$

$12388 = 2^2 \bullet 19^1 \bullet 163^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow M3_{+18}(\downarrow m6_{-18})^1} = (1) + \uparrow P5_{+16}(\downarrow P4_{-16})$

$12389 = 13^1 \bullet 953^1 = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow M7_{-24}(\downarrow m2_{+24})^1} = (1) + \uparrow P5_{+16}(\downarrow P4_{-16})$

$12390 = 2^1 \bullet 3^1 \bullet 5^1 \bullet 7^1 \bullet 59^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M7_{-41}(\downarrow m2_{+41})^1} =$
$(1) + \uparrow P5_{+16}(\downarrow P4_{-16})$

$12391 = 12391^1 = \mathbf{(1) + \uparrow P5_{+16}(\downarrow P4_{-16})}$

$12392 = 2^3 \bullet 1549^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{+17}(\downarrow P4_{-17})^1} = (1) + \uparrow P5_{+17}(\downarrow P4_{-17})$

$12393 = 3^6 \bullet 17^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^6 + \uparrow m2_{+5}(\downarrow M7_{-5})^1} = (1) + \uparrow P5_{+17}(\downarrow P4_{-17})$

$12394 = 2^1 \bullet 6197^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+17}(\downarrow P4_{-17})^1} = (1) + \uparrow P5_{+17}(\downarrow P4_{-17})$

$12395 = 5^1 \bullet 37^1 \bullet 67^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m3_{-49}(\downarrow M6_{+49})^1 + \uparrow m2_{-21}(\downarrow M7_{+21})^1} = (1) + \uparrow P5_{+17}(\downarrow P4_{-17})$

$12396 = 2^2 \bullet 3^1 \bullet 1033^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow uni_{+15}(\downarrow 8ve_{-15})^1} = (1) + \uparrow P5_{+17}(\downarrow P4_{-17})$

$12397 = 7^2 \bullet 11^1 \bullet 23^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^2 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1} = (1) + \uparrow P5_{+17}(\downarrow P4_{-17})$

$12398 = 2^1 \bullet 6199^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+17}(\downarrow P4_{-17})^1} = (1) + \uparrow P5_{+17}(\downarrow P4_{-17})$

$12399 = 3^1 \bullet 4133^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow uni_{+16}(\downarrow 8ve_{-16})^1} = (1) + \uparrow P5_{+18}(\downarrow P4_{-18})$

$12400 = 2^4 \bullet 5^2 \bullet 31^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow M7_{+45}(\downarrow m2_{-45})^1} = (1) + \uparrow P5_{+18}(\downarrow P4_{-18})$

$12401 = 12401^1 = \mathbf{(1) + \uparrow P5_{+18}(\downarrow P4_{-18})}$

$12402 = 2^1 \bullet 3^2 \bullet 13^1 \bullet 53^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow M6_{-26}(\downarrow m3_{+26})^1} = (1) + \uparrow P5_{+18}(\downarrow P4_{-18})$

$12403 = 79^1 \bullet 157^1 = \mathbf{(1) + \uparrow M3_{-35}(\downarrow m6_{+35})^1 + \uparrow M3_{-46}(\downarrow m6_{+46})^1} = (1) + \uparrow P5_{+18}(\downarrow P4_{-18})$

$12404 = 2^2 \bullet 7^1 \bullet 443^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M6_{+49}(\downarrow m3_{-49})^1} = (1) + \uparrow P5_{+18}(\downarrow P4_{-18})$

$12405 = 3^1 \bullet 5^1 \bullet 827^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m6_{+30}(\downarrow M3_{-30})^1} = (1) + \uparrow P5_{+18}(\downarrow P4_{-18})$

$12406 = 2^1 \bullet 6203^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+19}(\downarrow P4_{-19})^1} = (1) + \uparrow P5_{+19}(\downarrow P4_{-19})$

$12407 = 19^1 \bullet 653^1 = \mathbf{(1) + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow M3_{+21}(\downarrow m6_{-21})^1} = (1) + \uparrow P5_{+19}(\downarrow P4_{-19})$

$12408 = 2^3 \bullet 3^1 \bullet 11^1 \bullet 47^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow P5_{-34}(\downarrow P4_{+34})^1} = (1) + \uparrow P5_{+19}(\downarrow P4_{-19})$

$12409 = 12409^1 = \mathbf{(1) + \uparrow P5_{+19}(\downarrow P4_{-19})}$

$12410 = 2^1 \bullet 5^1 \bullet 17^1 \bullet 73^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow M2_{+28}(\downarrow m7_{-28})^1} = (1) + \uparrow P5_{+19}(\downarrow P4_{-19})$

$12411 = 3^2 \bullet 7^1 \bullet 197^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow P5_{+46}(\downarrow P4_{-46})^1} = (1) + \uparrow P5_{+19}(\downarrow P4_{-19})$

$12412 = 2^2 \bullet 29^1 \bullet 107^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m7_{+30}(\downarrow M2_{-30})^1 + \uparrow M6_{-10}(\downarrow m3_{+10})^1} = (1) + \uparrow P5_{+19}(\downarrow P4_{-19})$

$12413 = 12413^1 = \mathbf{(1) + \uparrow P5_{+19}(\downarrow P4_{-19})}$

$12414 = 2^1 \bullet 3^1 \bullet 2069^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow uni_{+18}(\downarrow 8ve_{-18})^1} = (1) + \uparrow P5_{+20}(\downarrow P4_{-20})$

$12415 = 5^{1}\bullet 13^{1}\bullet 191^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow P5_{-7}(\downarrow P4_{+7})^{1}} = (1) + \uparrow P5_{+20}(\downarrow P4_{-20})$

$12416 = 2^{7}\bullet 97^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{7} + \uparrow P5_{+20}(\downarrow P4_{-20})^{1}} = (1) + \uparrow P5_{+20}(\downarrow P4_{-20})$

$12417 = 3^{1}\bullet 4139^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow uni_{+18}(\downarrow 8ve_{-18})^{1}} = (1) + \uparrow P5_{+20}(\downarrow P4_{-20})$

$12418 = 2^{1}\bullet 7^{1}\bullet 887^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m7_{-49}(\downarrow M2_{+49})^{1}} = (1) + \uparrow P5_{+20}(\downarrow P4_{-20})$

$12419 = 11^{1}\bullet 1129^{1} = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow M2_{-31}(\downarrow m7_{+31})^{1}} = (1) + \uparrow P5_{+20}(\downarrow P4_{-20})$

$12420 = 2^{2}\bullet 3^{3}\bullet 5^{1}\bullet 23^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1}} = (1) + \uparrow P5_{+20}(\downarrow P4_{-20})$

$12421 = 12421^{1} = \mathbf{(1) + \uparrow P5_{+21}(\downarrow P4_{-21})}$

$12422 = 2^{1}\bullet 6211^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+21}(\downarrow P4_{-21})^{1}} = (1) + \uparrow P5_{+21}(\downarrow P4_{-21})$

$12423 = 3^{1}\bullet 41^{1}\bullet 101^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{+29}(\downarrow m6_{-29})^{1} + \uparrow m6_{-10}(\downarrow M3_{+10})^{1}} = (1) + \uparrow P5_{+21}(\downarrow P4_{-21})$

$12424 = 2^{3}\bullet 1553^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{+21}(\downarrow P4_{-21})^{1}} = (1) + \uparrow P5_{+21}(\downarrow P4_{-21})$

$12425 = 5^{2}\bullet 7^{1}\bullet 71^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M2_{-20}(\downarrow m7_{+20})^{1}} = (1) + \uparrow P5_{+21}(\downarrow P4_{-21})$

$12426 = 2^{1}\bullet 3^{1}\bullet 19^{1}\bullet 109^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow M6_{+22}(\downarrow m3_{-22})^{1}} = (1) + \uparrow P5_{+21}(\downarrow P4_{-21})$

$12427 = 17^{2}\bullet 43^{1} = \mathbf{(1) + \uparrow m2_{+5}(\downarrow M7_{-5})^{2} + \uparrow P4_{+12}(\downarrow P5_{-12})^{1}} = (1) + \uparrow P5_{+21}(\downarrow P4_{-21})$

$12428 = 2^{2}\bullet 13^{1}\bullet 239^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow M7_{-19}(\downarrow m2_{+19})^{1}} = (1) + \uparrow P5_{+22}(\downarrow P4_{-22})$

$12429 = 3^{2}\bullet 1381^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow P4_{+18}(\downarrow P5_{-18})^{1}} = (1) + \uparrow P5_{+22}(\downarrow P4_{-22})$

$12430 = 2^{1}\bullet 5^{1}\bullet 11^{1}\bullet 113^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m7_{-16}(\downarrow M2_{+16})^{1}} = (1) + \uparrow P5_{+22}(\downarrow P4_{-22})$

$12431 = 31^{1}\bullet 401^{1} = \mathbf{(1) + \uparrow M7_{+45}(\downarrow m2_{-45})^{1} + \uparrow m6_{-23}(\downarrow M3_{+23})^{1}} = (1) + \uparrow P5_{+22}(\downarrow P4_{-22})$

$12432 = 2^{4}\bullet 3^{1}\bullet 7^{1}\bullet 37^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m3_{-49}(\downarrow M6_{+49})^{1}} = (1) + \uparrow P5_{+22}(\downarrow P4_{-22})$

$12433 = 12433^{1} = \mathbf{(1) + \uparrow P5_{+22}(\downarrow P4_{-22})}$

$12434 = 2^{1}\bullet 6217^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+22}(\downarrow P4_{-22})^{1}} = (1) + \uparrow P5_{+22}(\downarrow P4_{-22})$

$12435 = 3^{1}\bullet 5^{1}\bullet 829^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m6_{+34}(\downarrow M3_{-34})^{1}} = (1) + \uparrow P5_{+23}(\downarrow P4_{-23})$

$12436 = 2^{2}\bullet 3109^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+23}(\downarrow P4_{-23})^{1}} = (1) + \uparrow P5_{+23}(\downarrow P4_{-23})$

$12437 = 12437^{1} = \mathbf{(1) + \uparrow P5_{+23}(\downarrow P4_{-23})}$

$12438 = 2^{1}\bullet 3^{2}\bullet 691^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow P4_{+19}(\downarrow P5_{-19})^{1}} = (1) + \uparrow P5_{+23}(\downarrow P4_{-23})$

$12439 = 7^{1}\bullet 1777^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m7_{-46}(\downarrow M2_{+46})^{1}} = (1) + \uparrow P5_{+23}(\downarrow P4_{-23})$

$12440 = 2^{3}\bullet 5^{1}\bullet 311^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m3_{+37}(\downarrow M6_{-37})^{1}} = (1) + \uparrow P5_{+23}(\downarrow P4_{-23})$

$12441 = 3^{1}\bullet 11^{1}\bullet 13^{1}\bullet 29^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1}} = (1) + \uparrow P5_{+23}(\downarrow P4_{-23})$

$12442 = 2^{1}\bullet 6221^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+24}(\downarrow P4_{-24})^{1}} = (1) + \uparrow P5_{+24}(\downarrow P4_{-24})$

$12443 = 23^{1}\bullet 541^{1} = \mathbf{(1) + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow m2_{-5}(\downarrow M7_{+5})^{1}} = (1) + \uparrow P5_{+24}(\downarrow P4_{-24})$

$12444 = 2^{2}\bullet 3^{1}\bullet 17^{1}\bullet 61^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow M7_{+17}(\downarrow m2_{-17})^{1}} = (1) + \uparrow P5_{+24}(\downarrow P4_{-24})$

$12445 = 5^{1}\bullet 19^{1}\bullet 131^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow uni_{+40}(\downarrow 8ve_{-40})^{1}} = (1) + \uparrow P5_{+24}(\downarrow P4_{-24})$

$12446 = 2^{1}\bullet 7^{2}\bullet 127^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{2} + \uparrow 8ve_{-14}(\downarrow uni_{+14})^{1}} = (1) + \uparrow P5_{+24}(\downarrow P4_{-24})$

$12447 = 3^{3}\bullet 461^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow m7_{+18}(\downarrow M2_{-18})^{1}} = (1) + \uparrow P5_{+24}(\downarrow P4_{-24})$

$12448 = 2^{5}\bullet 389^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{5} + \uparrow P5_{+24}(\downarrow P4_{-24})^{1}} = (1) + \uparrow P5_{+24}(\downarrow P4_{-24})$

$12449 = 59^{1}\bullet 211^{1} = \mathbf{(1) + \uparrow M7_{-41}(\downarrow m2_{+41})^{1} + \uparrow M6_{-35}(\downarrow m3_{+35})^{1}} = (1) + \uparrow P5_{+24}(\downarrow P4_{-24})$

$12450 = 2^{1}\bullet 3^{1}\bullet 5^{2}\bullet 83^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow P4_{-50}(\downarrow P5_{+50})^{1}} = (1) + \uparrow P5_{+25}(\downarrow P4_{-25})$

$12451 = 12451^{1} = \mathbf{(1) + \uparrow P5_{+25}(\downarrow P4_{-25})}$

$12452 = 2^{2}\bullet 11^{1}\bullet 283^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow M2_{-26}(\downarrow m7_{+26})^{1}} = (1) + \uparrow P5_{+25}(\downarrow P4_{-25})$

$12453 = 3^{1}\bullet 7^{1}\bullet 593^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m3_{-46}(\downarrow M6_{+46})^{1}} = (1) + \uparrow P5_{+25}(\downarrow P4_{-25})$

$12454 = 2^{1}\bullet 13^{1}\bullet 479^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow M7_{-15}(\downarrow m2_{+15})^{1}} = (1) + \uparrow P5_{+25}(\downarrow P4_{-25})$

$12455 = 5^{1}\bullet 47^{1}\bullet 53^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow P5_{-34}(\downarrow P4_{+34})^{1} + \uparrow M6_{-26}(\downarrow m3_{+26})^{1}} = (1) + \uparrow P5_{+25}(\downarrow P4_{-25})$

$12456 = 2^{3}\bullet 3^{2}\bullet 173^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow P4_{+22}(\downarrow P5_{-22})^{1}} = (1) + \uparrow P5_{+25}(\downarrow P4_{-25})$

$12457 = 12457^{1} = \mathbf{(1) + \uparrow P5_{+26}(\downarrow P4_{-26})}$

$12458 = 2^{1}\bullet 6229^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+26}(\downarrow P4_{-26})^{1}} = (1) + \uparrow P5_{+26}(\downarrow P4_{-26})$

$12459 = 3^{1}\bullet 4153^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow uni_{+24}(\downarrow 8ve_{-24})^{1}} = (1) + \uparrow P5_{+26}(\downarrow P4_{-26})$

$12460 = 2^{2}\bullet 5^{1}\bullet 7^{1}\bullet 89^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow tt_{-29}(\downarrow tt_{+29})^{1}} = (1) + \uparrow P5_{+26}(\downarrow P4_{-26})$

$12461 = 17^{1}\bullet 733^{1} = \mathbf{(1) + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow tt_{+21}(\downarrow tt_{-21})^{1}} = (1) + \uparrow P5_{+26}(\downarrow P4_{-26})$

$12462 = 2^{1}\bullet 3^{1}\bullet 31^{1}\bullet 67^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1} + \uparrow m2_{-21}(\downarrow M7_{+21})^{1}} = (1) + \uparrow P5_{+26}(\downarrow P4_{-26})$

$12463 = 11^{2}\bullet 103^{1} = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^{2} + \uparrow m6_{+24}(\downarrow M3_{-24})^{1}} = (1) + \uparrow P5_{+26}(\downarrow P4_{-26})$

$12464 = 2^{4}\bullet 19^{1}\bullet 41^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow M3_{+29}(\downarrow m6_{-29})^{1}} = (1) + \uparrow P5_{+27}(\downarrow P4_{-27})$

$12465 = 3^{2}\bullet 5^{1}\bullet 277^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m2_{+36}(\downarrow M7_{-36})^{1}} = (1) + \uparrow P5_{+27}(\downarrow P4_{-27})$

$12466 = 2^{1}\bullet 23^{1}\bullet 271^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow m2_{-1}(\downarrow M7_{+1})^{1}} = (1) + \uparrow P5_{+27}(\downarrow P4_{-27})$

$12467 = 7^{1}\bullet 13^{1}\bullet 137^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m2_{+18}(\downarrow M7_{-18})^{1}} = (1) + \uparrow P5_{+27}(\downarrow P4_{-27})$

$12468 = 2^{2}\bullet 3^{1}\bullet 1039^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow uni_{+25}(\downarrow 8ve_{-25})^{1}} = (1) + \uparrow P5_{+27}(\downarrow P4_{-27})$

$12469 = 37^{1}\bullet 337^{1} = \mathbf{(1) + \uparrow m3_{-49}(\downarrow M6_{+49})^{1} + \uparrow P4_{-24}(\downarrow P5_{+24})^{1}} = (1) + \uparrow P5_{+27}(\downarrow P4_{-27})$

$12470 = 2^{1}\bullet 5^{1}\bullet 29^{1}\bullet 43^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1} + \uparrow P4_{+12}(\downarrow P5_{-12})^{1}} = (1) + \uparrow P5_{+27}(\downarrow P4_{-27})$

$12471 = 3^{1}\bullet 4157^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow uni_{+26}(\downarrow 8ve_{-26})^{1}} = (1) + \uparrow P5_{+28}(\downarrow P4_{-28})$

$12472 = 2^{3}\bullet 1559^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{+28}(\downarrow P4_{-28})^{1}} = (1) + \uparrow P5_{+28}(\downarrow P4_{-28})$

$12473 = 12473^{1} = \mathbf{(1) + \uparrow P5_{+28}(\downarrow P4_{-28})}$

$12474 = 2^{1}\bullet 3^{4}\bullet 7^{1}\bullet 11^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{4} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1}} = (1) + \uparrow P5_{+28}(\downarrow P4_{-28})$

$12475 = 5^{2}\bullet 499^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow 8ve_{-45}(\downarrow uni_{+45})^{1}} = (1) + \uparrow P5_{+28}(\downarrow P4_{-28})$

$12476 = 2^{2}\bullet 3119^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+28}(\downarrow P4_{-28})^{1}} = (1) + \uparrow P5_{+28}(\downarrow P4_{-28})$

$12477 = 3^{1}\bullet 4159^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow uni_{+26}(\downarrow 8ve_{-26})^{1}} = (1) + \uparrow P5_{+28}(\downarrow P4_{-28})$

$12478 = 2^{1}\bullet 17^{1}\bullet 367^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow tt_{+24}(\downarrow tt_{-24})^{1}} = (1) + \uparrow P5_{+29}(\downarrow P4_{-29})$

$12479 = 12479^{1} = \mathbf{(1) + \uparrow P5_{+29}(\downarrow P4_{-29})}$

$12480 = 2^{6}\bullet 3^{1}\bullet 5^{1}\bullet 13^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{6} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1}} = (1) + \uparrow P5_{+29}(\downarrow P4_{-29})$

$12481 = 7^{1}\bullet 1783^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m7_{-40}(\downarrow M2_{+40})^{1}} = (1) + \uparrow P5_{+29}(\downarrow P4_{-29})$

$12482 = 2^{1}\bullet 79^{2} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-35}(\downarrow m6_{+35})^{2}} = (1) + \uparrow P5_{+29}(\downarrow P4_{-29})$

$12483 = 3^{2}\bullet 19^{1}\bullet 73^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow M2_{+28}(\downarrow m7_{-28})^{1}} = (1) + \uparrow P5_{+29}(\downarrow P4_{-29})$

$12484 = 2^{2}\bullet 3121^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+29}(\downarrow P4_{-29})^{1}} = (1) + \uparrow P5_{+29}(\downarrow P4_{-29})$

$12485 = 5^{1}\bullet 11^{1}\bullet 227^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m7_{-8}(\downarrow M2_{+8})^{1}} = (1) + \uparrow P5_{+29}(\downarrow P4_{-29})$

$12486 = 2^{1}\bullet 3^{1}\bullet 2081^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow uni_{+28}(\downarrow 8ve_{-28})^{1}} = (1) + \uparrow P5_{+30}(\downarrow P4_{-30})$

$12487 = 12487^{1} = \mathbf{(1) + \uparrow P5_{+30}(\downarrow P4_{-30})}$

$12488 = 2^{3}\bullet 7^{1}\bullet 223^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m7_{-39}(\downarrow M2_{+39})^{1}} = (1) + \uparrow P5_{+30}(\downarrow P4_{-30})$

$12489 = 3^{1}\bullet 23^{1}\bullet 181^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow tt_{+0}(\downarrow tt_{-0})^{1}} = (1) + \uparrow P5_{+30}(\downarrow P4_{-30})$

$12490 = 2^{1}\bullet 5^{1}\bullet 1249^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m3_{+44}(\downarrow M6_{-44})^{1}} = (1) + \uparrow P5_{+30}(\downarrow P4_{-30})$

$12491 = 12491^{1} = \mathbf{(1) + \uparrow P5_{+30}(\downarrow P4_{-30})}$

$12492 = 2^{2}\bullet 3^{2}\bullet 347^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow P4_{+27}(\downarrow P5_{-27})^{1}} = (1) + \uparrow P5_{+30}(\downarrow P4_{-30})$

$12493 = 13^{1}\bullet 31^{2} = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{2}} = (1) + \uparrow P5_{+31}(\downarrow P4_{-31})$

$12494 = 2^{1}\bullet 6247^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+31}(\downarrow P4_{-31})^{1}} = (1) + \uparrow P5_{+31}(\downarrow P4_{-31})$

$12495 = 3^{1}\bullet 5^{1}\bullet 7^{2}\bullet 17^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{2} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1}} = (1) + \uparrow P5_{+31}(\downarrow P4_{-31})$

$12496 = 2^{4}\bullet 11^{1}\bullet 71^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow M2_{-20}(\downarrow m7_{+20})^{1}} = (1) + \uparrow P5_{+31}(\downarrow P4_{-31})$

$12497 = 12497^{1} = \mathbf{(1) + \uparrow P5_{+31}(\downarrow P4_{-31})}$

$12498 = 2^{1}\bullet 3^{1}\bullet 2083^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow uni_{+29}(\downarrow 8ve_{-29})^{1}} = (1) + \uparrow P5_{+31}(\downarrow P4_{-31})$

$12499 = 29^{1}\bullet 431^{1} = \mathbf{(1) + \uparrow m7_{+30}(\downarrow M2_{-30})^{1} + \uparrow M6_{+2}(\downarrow m3_{-2})^{1}} = (1) + \uparrow P5_{+31}(\downarrow P4_{-31})$

$12500 = 2^{2}\bullet 5^{5} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{5}} = (1) + \uparrow P5_{+32}(\downarrow P4_{-32})$

$12501 = 3^{3}\bullet 463^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow m7_{+26}(\downarrow M2_{-26})^{1}} = (1) + \uparrow P5_{+32}(\downarrow P4_{-32})$

$12502 = 2^{1}\bullet 7^{1}\bullet 19^{1}\bullet 47^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow P5_{-34}(\downarrow P4_{+34})^{1}} = (1) + \uparrow P5_{+32}(\downarrow P4_{-32})$

$12503 = 12503^{1} = \mathbf{(1) + \uparrow P5_{+32}(\downarrow P4_{-32})}$

$12504 = 2^{3}\bullet 3^{1}\bullet 521^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow uni_{+30}(\downarrow 8ve_{-30})^{1}} = (1) + \uparrow P5_{+32}(\downarrow P4_{-32})$

$12505 = 5^{1}\bullet 41^{1}\bullet 61^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M3_{+29}(\downarrow m6_{-29})^{1} + \uparrow M7_{+17}(\downarrow m2_{-17})^{1}} = (1) + \uparrow P5_{+32}(\downarrow P4_{-32})$

$12506 = 2^{1}\bullet 13^{2}\bullet 37^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{2} + \uparrow m3_{-49}(\downarrow M6_{+49})^{1}} = (1) + \uparrow P5_{+32}(\downarrow P4_{-32})$

$12507 = 3^{1}\bullet 11^{1}\bullet 379^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow P5_{-21}(\downarrow P4_{+21})^{1}} = (1) + \uparrow P5_{+33}(\downarrow P4_{-33})$

$12508 = 2^{2}\bullet 53^{1}\bullet 59^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M6_{-26}(\downarrow m3_{+26})^{1} + \uparrow M7_{-41}(\downarrow m2_{+41})^{1}} = (1) + \uparrow P5_{+33}(\downarrow P4_{-33})$

$12509 = 7^{1}\bullet 1787^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m7_{-36}(\downarrow M2_{+36})^{1}} = (1) + \uparrow P5_{+33}(\downarrow P4_{-33})$

$12510 = 2^{1}\bullet 3^{2}\bullet 5^{1}\bullet 139^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m2_{+43}(\downarrow M7_{-43})^{1}} = (1) + \uparrow P5_{+33}(\downarrow P4_{-33})$

$12511 = 12511^{1} = \mathbf{(1) + \uparrow P5_{+33}(\downarrow P4_{-33})}$

$12512 = 2^{5}\bullet 17^{1}\bullet 23^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{5} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1}} = (1) + \uparrow P5_{+33}(\downarrow P4_{-33})$

$12513 = 3^{1}\bullet 43^{1}\bullet 97^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow P4_{+12}(\downarrow P5_{-12})^{1} + \uparrow P5_{+20}(\downarrow P4_{-20})^{1}} = (1) + \uparrow P5_{+33}(\downarrow P4_{-33})$

$12514 = 2^{1}\bullet 6257^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+34}(\downarrow P4_{-34})^{1}} = (1) + \uparrow P5_{+34}(\downarrow P4_{-34})$

$12515 = 5^{1}\bullet 2503^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m3_{+47}(\downarrow M6_{-47})^{1}} = (1) + \uparrow P5_{+34}(\downarrow P4_{-34})$

$12516 = 2^{2}\bullet 3^{1}\bullet 7^{1}\bullet 149^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m3_{-37}(\downarrow M6_{+37})^{1}} = (1) + \uparrow P5_{+34}(\downarrow P4_{-34})$

$12517 = 12517^{1} = \mathbf{(1) + \uparrow P5_{+34}(\downarrow P4_{-34})}$

$12518 = 2^{1}\bullet 11^{1}\bullet 569^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow M2_{-17}(\downarrow m7_{+17})^{1}} = (1) + \uparrow P5_{+34}(\downarrow P4_{-34})$

$12519 = 3^{2}\bullet 13^{1}\bullet 107^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow M6_{-10}(\downarrow m3_{+10})^{1}} = (1) + \uparrow P5_{+34}(\downarrow P4_{-34})$

$12520 = 2^{3}\bullet 5^{1}\bullet 313^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m3_{+48}(\downarrow M6_{-48})^{1}} = (1) + \uparrow P5_{+34}(\downarrow P4_{-34})$

$12521 = 19^{1}\bullet 659^{1} = \mathbf{(1) + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow M3_{+37}(\downarrow m6_{-37})^{1}} = (1) + \uparrow P5_{+34}(\downarrow P4_{-34})$

$12522 = 2^{1}\bullet 3^{1}\bullet 2087^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow uni_{+33}(\downarrow 8ve_{-33})^{1}} = (1) + \uparrow P5_{+35}(\downarrow P4_{-35})$

$12523 = 7^{1}\bullet 1789^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m7_{-34}(\downarrow M2_{+34})^{1}} = (1) + \uparrow P5_{+35}(\downarrow P4_{-35})$

$12524 = 2^{2}\bullet 31^{1}\bullet 101^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1} + \uparrow m6_{-10}(\downarrow M3_{+10})^{1}} = (1) + \uparrow P5_{+35}(\downarrow P4_{-35})$

$12525 = 3^{1}\bullet 5^{2}\bullet 167^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow P4_{-40}(\downarrow P5_{+40})^{1}} = (1) + \uparrow P5_{+35}(\downarrow P4_{-35})$

$12526 = 2^{1}\bullet 6263^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+35}(\downarrow P4_{-35})^{1}} = (1) + \uparrow P5_{+35}(\downarrow P4_{-35})$

$12527 = 12527^{1} = \mathbf{(1) + \uparrow P5_{+35}(\downarrow P4_{-35})}$

$12528 = 2^{4}\bullet 3^{3}\bullet 29^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1}} = (1) + \uparrow P5_{+35}(\downarrow P4_{-35})$

$12529 = 11^{1}\bullet 17^{1}\bullet 67^{1} = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow m2_{-21}(\downarrow M7_{+21})^{1}} = (1) + \uparrow P5_{+36}(\downarrow P4_{-36})$

$12530 = 2^{1}\bullet 5^{1}\bullet 7^{1}\bullet 179^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow tt_{-19}(\downarrow tt_{+19})^{1}} = (1) + \uparrow P5_{+36}(\downarrow P4_{-36})$

$12531 = 3^{1}\bullet 4177^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow uni_{+34}(\downarrow 8ve_{-34})^{1}} = (1) + \uparrow P5_{+36}(\downarrow P4_{-36})$

$12532 = 2^{2}\bullet 13^{1}\bullet 241^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow M7_{-5}(\downarrow m2_{+5})^{1}} = (1) + \uparrow P5_{+36}(\downarrow P4_{-36})$

$12533 = 83^{1}\bullet 151^{1} = \mathbf{(1) + \uparrow P4_{-50}(\downarrow P5_{+50})^{1} + \uparrow m3_{-14}(\downarrow M6_{+14})^{1}} = (1) + \uparrow P5_{+36}(\downarrow P4_{-36})$

$12534 = 2^{1}\bullet 3^{1}\bullet 2089^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow uni_{+34}(\downarrow 8ve_{-34})^{1}} = (1) + \uparrow P5_{+36}(\downarrow P4_{-36})$

$12535 = 5^{1}\bullet 23^{1}\bullet 109^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow M6_{+22}(\downarrow m3_{-22})^{1}} = (1) + \uparrow P5_{+36}(\downarrow P4_{-36})$

$12536 = 2^{3}\bullet 1567^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{+37}(\downarrow P4_{-37})^{1}} = (1) + \uparrow P5_{+37}(\downarrow P4_{-37})$

$12537 = 3^{2}\bullet 7^{1}\bullet 199^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m6_{-36}(\downarrow M3_{+36})^{1}} = (1) + \uparrow P5_{+37}(\downarrow P4_{-37})$

$12538 = 2^{1}\bullet 6269^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+37}(\downarrow P4_{-37})^{1}} = (1) + \uparrow P5_{+37}(\downarrow P4_{-37})$

$12539 = 12539^{1} = \mathbf{(1) + \uparrow P5_{+37}(\downarrow P4_{-37})}$

$12540 = 2^{2}\bullet 3^{1}\bullet 5^{1}\bullet 11^{1}\bullet 19^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1}} =$

$(1) + \uparrow P5_{+37}(\downarrow P4_{-37})$

$12541 = 12541^{1} = \mathbf{(1) + \uparrow P5_{+37}(\downarrow P4_{-37})}$

$12542 = 2^{1}\bullet 6271^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+37}(\downarrow P4_{-37})^{1}} = (1) + \uparrow P5_{+37}(\downarrow P4_{-37})$

$12543 = 3^{1}\bullet 37^{1}\bullet 113^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m3_{-49}(\downarrow M6_{+49})^{1} + \uparrow m7_{-16}(\downarrow M2_{+16})^{1}} = (1) + \uparrow P5_{+38}(\downarrow P4_{-38})$

$12544 = 2^{8}\bullet 7^{2} = \mathbf{(1) + \updownarrow 8ve(uni)^{8} + \uparrow m7_{-31}(\downarrow M2_{+31})^{2}} = (1) + \uparrow P5_{+38}(\downarrow P4_{-38})$

$12545 = 5^{1}\bullet 13^{1}\bullet 193^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow P5_{+11}(\downarrow P4_{-11})^{1}} = (1) + \uparrow P5_{+38}(\downarrow P4_{-38})$

$12546 = 2^{1}\bullet 3^{2}\bullet 17^{1}\bullet 41^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow M3_{+29}(\downarrow m6_{-29})^{1}} = (1) + \uparrow P5_{+38}(\downarrow P4_{-38})$

$12547 = 12547^{1} = \mathbf{(1) + \uparrow P5_{+38}(\downarrow P4_{-38})}$

$12548 = 2^{2}\bullet 3137^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+38}(\downarrow P4_{-38})^{1}} = (1) + \uparrow P5_{+38}(\downarrow P4_{-38})$

$12549 = 3^{1}\bullet 47^{1}\bullet 89^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow P5_{-34}(\downarrow P4_{+34})^{1} + \uparrow tt_{-29}(\downarrow tt_{+29})^{1}} = (1) + \uparrow P5_{+38}(\downarrow P4_{-38})$

$12550 = 2^{1}\bullet 5^{2}\bullet 251^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow 8ve_{-34}(\downarrow uni_{+34})^{1}} = (1) + \uparrow P5_{+38}(\downarrow P4_{-38})$

$12551 = 7^{1}\bullet 11^{1}\bullet 163^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow M3_{+18}(\downarrow m6_{-18})^{1}} = (1) + \uparrow P5_{+39}(\downarrow P4_{-39})$

$12552 = 2^{3}\bullet 3^{1}\bullet 523^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow uni_{+37}(\downarrow 8ve_{-37})^{1}} = (1) + \uparrow P5_{+39}(\downarrow P4_{-39})$

$12553 = 12553^{1} = \mathbf{(1) + \uparrow P5_{+39}(\downarrow P4_{-39})}$

$12554 = 2^{1}\bullet 6277^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+39}(\downarrow P4_{-39})^{1}} = (1) + \uparrow P5_{+39}(\downarrow P4_{-39})$

$12555 = 3^{4}\bullet 5^{1}\bullet 31^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{4} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1}} = (1) + \uparrow P5_{+39}(\downarrow P4_{-39})$

$12556 = 2^{2}\bullet 43^{1}\bullet 73^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P4_{+12}(\downarrow P5_{-12})^{1} + \uparrow M2_{+28}(\downarrow m7_{-28})^{1}} = (1) + \uparrow P5_{+39}(\downarrow P4_{-39})$

$12557 = 29^{1}\bullet 433^{1} = \mathbf{(1) + \uparrow m7_{+30}(\downarrow M2_{-30})^{1} + \uparrow M6_{+10}(\downarrow m3_{-10})^{1}} = (1) + \uparrow P5_{+39}(\downarrow P4_{-39})$

$12558 = 2^{1}\bullet 3^{1}\bullet 7^{1}\bullet 13^{1}\bullet 23^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1}} =$
$(1) + \uparrow P5_{+40}(\downarrow P4_{-40})$

$12559 = 19^{1}\bullet 661^{1} = \mathbf{(1) + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow M3_{+42}(\downarrow m6_{-42})^{1}} = (1) + \uparrow P5_{+40}(\downarrow P4_{-40})$

$12560 = 2^{4}\bullet 5^{1}\bullet 157^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M3_{-46}(\downarrow m6_{+46})^{1}} = (1) + \uparrow P5_{+40}(\downarrow P4_{-40})$

$12561 = 3^{1}\bullet 53^{1}\bullet 79^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M6_{-26}(\downarrow m3_{+26})^{1} + \uparrow M3_{-35}(\downarrow m6_{+35})^{1}} = (1) + \uparrow P5_{+40}(\downarrow P4_{-40})$

$12562 = 2^{1}\bullet 11^{1}\bullet 571^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow M2_{-11}(\downarrow m7_{+11})^{1}} = (1) + \uparrow P5_{+40}(\downarrow P4_{-40})$

$12563 = 17^{1}\bullet 739^{1} = \mathbf{(1) + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow tt_{+35}(\downarrow tt_{-35})^{1}} = (1) + \uparrow P5_{+40}(\downarrow P4_{-40})$

$12564 = 2^{2}\bullet 3^{2}\bullet 349^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow P4_{+36}(\downarrow P5_{-36})^{1}} = (1) + \uparrow P5_{+40}(\downarrow P4_{-40})$

$12565 = 5^{1}\bullet 7^{1}\bullet 359^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow tt_{-15}(\downarrow tt_{+15})^{1}} = (1) + \uparrow P5_{+41}(\downarrow P4_{-41})$

$12566 = 2^{1}\bullet 61^{1}\bullet 103^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M7_{+17}(\downarrow m2_{-17})^{1} + \uparrow m6_{+24}(\downarrow M3_{-24})^{1}} = (1) + \uparrow P5_{+41}(\downarrow P4_{-41})$

$12567 = 3^{1}\bullet 59^{1}\bullet 71^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M7_{-41}(\downarrow m2_{+41})^{1} + \uparrow M2_{-20}(\downarrow m7_{+20})^{1}} = (1) + \uparrow P5_{+41}(\downarrow P4_{-41})$

$12568 = 2^{3}\bullet 1571^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{+41}(\downarrow P4_{-41})^{1}} = (1) + \uparrow P5_{+41}(\downarrow P4_{-41})$

$12569 = 12569^{1} = \mathbf{(1) + \uparrow P5_{+41}(\downarrow P4_{-41})}$

$12570 = 2^{1}\bullet 3^{1}\bullet 5^{1}\bullet 419^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M6_{-47}(\downarrow m3_{+47})^{1}} = (1) + \uparrow P5_{+41}(\downarrow P4_{-41})$

$12571 = 13^{1}\bullet 967^{1} = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow M7_{+1}(\downarrow m2_{-1})^{1}} = (1) + \uparrow P5_{+41}(\downarrow P4_{-41})$

$12572 = 2^{2}\bullet 7^{1}\bullet 449^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m7_{-27}(\downarrow M2_{+27})^{1}} = (1) + \uparrow P5_{+42}(\downarrow P4_{-42})$

$12573 = 3^{2}\bullet 11^{1}\bullet 127^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow 8ve_{-14}(\downarrow uni_{+14})^{1}} = (1) + \uparrow P5_{+42}(\downarrow P4_{-42})$

$12574 = 2^{1}\bullet 6287^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+42}(\downarrow P4_{-42})^{1}} = (1) + \uparrow P5_{+42}(\downarrow P4_{-42})$

$12575 = 5^{2}\bullet 503^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow 8ve_{-31}(\downarrow uni_{+31})^{1}} = (1) + \uparrow P5_{+42}(\downarrow P4_{-42})$

$12576 = 2^{5}\bullet 3^{1}\bullet 131^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{5} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow uni_{+40}(\downarrow 8ve_{-40})^{1}} = (1) + \uparrow P5_{+42}(\downarrow P4_{-42})$

$12577 = 12577^{1} = \mathbf{(1) + \uparrow P5_{+42}(\downarrow P4_{-42})}$

$12578 = 2^{1}\bullet 19^{1}\bullet 331^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow M3_{+45}(\downarrow m6_{-45})^{1}} = (1) + \uparrow P5_{+42}(\downarrow P4_{-42})$

$12579 = 3^{1}\bullet 7^{1}\bullet 599^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m3_{-28}(\downarrow M6_{+28})^{1}} = (1) + \uparrow P5_{+42}(\downarrow P4_{-42})$

$12580 = 2^{2}\bullet 5^{1}\bullet 17^{1}\bullet 37^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow m3_{-49}(\downarrow M6_{+49})^{1}} = (1) + \uparrow P5_{+43}(\downarrow P4_{-43})$

$12581 = 23^{1}\bullet547^{1} = \mathbf{(1) + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow m2_{+14}(\downarrow M7_{-14})^{1}} = (1) + \uparrow P5_{+43}(\downarrow P4_{-43})$

$12582 = 2^{1}\bullet3^{3}\bullet233^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow m7_{+37}(\downarrow M2_{-37})^{1}} = (1) + \uparrow P5_{+43}(\downarrow P4_{-43})$

$12583 = 12583^{1} = \mathbf{(1) + \uparrow P5_{+43}(\downarrow P4_{-43})}$

$12584 = 2^{3}\bullet11^{2}\bullet13^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow tt_{-49}(\downarrow tt_{+49})^{2} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1}} = (1) + \uparrow P5_{+43}(\downarrow P4_{-43})$

$12585 = 3^{1}\bullet5^{1}\bullet839^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M6_{-45}(\downarrow m3_{+45})^{1}} = (1) + \uparrow P5_{+43}(\downarrow P4_{-43})$

$12586 = 2^{1}\bullet7^{1}\bullet29^{1}\bullet31^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1}} = (1) + \uparrow P5_{+43}(\downarrow P4_{-43})$

$12587 = 41^{1}\bullet307^{1} = \mathbf{(1) + \uparrow M3_{+29}(\downarrow m6_{-29})^{1} + \uparrow m3_{+15}(\downarrow M6_{-15})^{1}} = (1) + \uparrow P5_{+44}(\downarrow P4_{-44})$

$12588 = 2^{2}\bullet3^{1}\bullet1049^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow uni_{+42}(\downarrow 8ve_{-42})^{1}} = (1) + \uparrow P5_{+44}(\downarrow P4_{-44})$

$12589 = 12589^{1} = \mathbf{(1) + \uparrow P5_{+44}(\downarrow P4_{-44})}$

$12590 = 2^{1}\bullet5^{1}\bullet1259^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M3_{-42}(\downarrow m6_{+42})^{1}} = (1) + \uparrow P5_{+44}(\downarrow P4_{-44})$

$12591 = 3^{2}\bullet1399^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow P4_{+40}(\downarrow P5_{-40})^{1}} = (1) + \uparrow P5_{+44}(\downarrow P4_{-44})$

$12592 = 2^{4}\bullet787^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow P5_{+44}(\downarrow P4_{-44})^{1}} = (1) + \uparrow P5_{+44}(\downarrow P4_{-44})$

$12593 = 7^{2}\bullet257^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{2} + \uparrow uni_{+7}(\downarrow 8ve_{-7})^{1}} = (1) + \uparrow P5_{+44}(\downarrow P4_{-44})$

$12594 = 2^{1}\bullet3^{1}\bullet2099^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow uni_{+43}(\downarrow 8ve_{-43})^{1}} = (1) + \uparrow P5_{+45}(\downarrow P4_{-45})$

$12595 = 5^{1}\bullet11^{1}\bullet229^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m7_{+7}(\downarrow M2_{-7})^{1}} = (1) + \uparrow P5_{+45}(\downarrow P4_{-45})$

$12596 = 2^{2}\bullet47^{1}\bullet67^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{-34}(\downarrow P4_{+34})^{1} + \uparrow m2_{-21}(\downarrow M7_{+21})^{1}} = (1) + \uparrow P5_{+45}(\downarrow P4_{-45})$

$12597 = 3^{1}\bullet13^{1}\bullet17^{1}\bullet19^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1}} = (1) + \uparrow P5_{+45}(\downarrow P4_{-45})$

$12598 = 2^{1}\bullet6299^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+45}(\downarrow P4_{-45})^{1}} = (1) + \uparrow P5_{+45}(\downarrow P4_{-45})$

$12599 = 43^{1}\bullet293^{1} = \mathbf{(1) + \uparrow P4_{+12}(\downarrow P5_{-12})^{1} + \uparrow M2_{+34}(\downarrow m7_{-34})^{1}} = (1) + \uparrow P5_{+45}(\downarrow P4_{-45})$

$12600 = 2^{3}\bullet3^{2}\bullet5^{2}\bullet7^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1}} = (1) + \uparrow P5_{+45}(\downarrow P4_{-45})$

$12601 = 12601^{1} = \mathbf{(1) + \uparrow P5_{+46}(\downarrow P4_{-46})}$

$12602 = 2^{1}\bullet6301^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+46}(\downarrow P4_{-46})^{1}} = (1) + \uparrow P5_{+46}(\downarrow P4_{-46})$

$12603 = 3^{1}\bullet4201^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow uni_{+44}(\downarrow 8ve_{-44})^{1}} = (1) + \uparrow P5_{+46}(\downarrow P4_{-46})$

$12604 = 2^{2}\bullet23^{1}\bullet137^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow m2_{+18}(\downarrow M7_{-18})^{1}} = (1) + \uparrow P5_{+46}(\downarrow P4_{-46})$

$12605 = 5^{1}\bullet2521^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M3_{-40}(\downarrow m6_{+40})^{1}} = (1) + \uparrow P5_{+46}(\downarrow P4_{-46})$

$12606 = 2^{1}\bullet3^{1}\bullet11^{1}\bullet191^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow P5_{-7}(\downarrow P4_{+7})^{1}} = (1) + \uparrow P5_{+46}(\downarrow P4_{-46})$

$12607 = 7^{1}\bullet1801^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m7_{-23}(\downarrow M2_{+23})^{1}} = (1) + \uparrow P5_{+46}(\downarrow P4_{-46})$

$12608 = 2^{6}\bullet197^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{6} + \uparrow P5_{+46}(\downarrow P4_{-46})^{1}} = (1) + \uparrow P5_{+46}(\downarrow P4_{-46})$

$12609 = 3^{3}\bullet467^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow m7_{+41}(\downarrow M2_{-41})^{1}} = (1) + \uparrow P5_{+47}(\downarrow P4_{-47})$

$12610 = 2^{1}\bullet5^{1}\bullet13^{1}\bullet97^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow P5_{+20}(\downarrow P4_{-20})^{1}} = (1) + \uparrow P5_{+47}(\downarrow P4_{-47})$

$12611 = 12611^{1} = \mathbf{(1) + \uparrow P5_{+47}(\downarrow P4_{-47})}$

$12612 = 2^{2}\bullet3^{1}\bullet1051^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow uni_{+45}(\downarrow 8ve_{-45})^{1}} = (1) + \uparrow P5_{+47}(\downarrow P4_{-47})$

$12613 = 12613^{1} = \mathbf{(1) + \uparrow P5_{+47}(\downarrow P4_{-47})}$

$12614 = 2^{1}\bullet7^{1}\bullet17^{1}\bullet53^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow M6_{-26}(\downarrow m3_{+26})^{1}} = (1) + \uparrow P5_{+47}(\downarrow P4_{-47})$

$12615 = 3^{1}\bullet5^{1}\bullet29^{2} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{+30}(\downarrow M2_{-30})^{2}} = (1) + \uparrow P5_{+47}(\downarrow P4_{-47})$

$12616 = 2^{3}\bullet19^{1}\bullet83^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow P4_{-50}(\downarrow P5_{+50})^{1}} = (1) + \uparrow P5_{+48}(\downarrow P4_{-48})$

$12617 = 11^{1}\bullet31^{1}\bullet37^{1} = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1} + \uparrow m3_{-49}(\downarrow M6_{+49})^{1}} = (1) + \uparrow P5_{+48}(\downarrow P4_{-48})$

$12618 = 2^{1}\bullet3^{2}\bullet701^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow P4_{+44}(\downarrow P5_{-44})^{1}} = (1) + \uparrow P5_{+48}(\downarrow P4_{-48})$

$12619 = 12619^{1} = \mathbf{(1) + \uparrow P5_{+48}(\downarrow P4_{-48})}$

$12620 = 2^{2}\bullet5^{1}\bullet631^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M3_{-38}(\downarrow m6_{+38})^{1}} = (1) + \uparrow P5_{+48}(\downarrow P4_{-48})$

$12621 = 3^{1}\bullet7^{1}\bullet601^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m3_{-23}(\downarrow M6_{+23})^{1}} = (1) + \uparrow P5_{+48}(\downarrow P4_{-48})$

$12622 = 2^{1}\bullet6311^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+48}(\downarrow P4_{-48})^{1}} = (1) + \uparrow P5_{+48}(\downarrow P4_{-48})$

$12623 = 13^1 \bullet 971^1 = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow M7_{+8}(\downarrow m2_{-8})^1} = (1) + \uparrow P5_{+49}(\downarrow P4_{-49})$

$12624 = 2^4 \bullet 3^1 \bullet 263^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow uni_{+47}(\downarrow 8ve_{-47})^1} = (1) + \uparrow P5_{+49}(\downarrow P4_{-49})$

$12625 = 5^3 \bullet 101^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^3 + \uparrow m6_{-10}(\downarrow M3_{+10})^1} = (1) + \uparrow P5_{+49}(\downarrow P4_{-49})$

$12626 = 2^1 \bullet 59^1 \bullet 107^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M7_{-41}(\downarrow m2_{+41})^1 + \uparrow M6_{-10}(\downarrow m3_{+10})^1} = (1) + \uparrow P5_{+49}(\downarrow P4_{-49})$

$12627 = 3^2 \bullet 23^1 \bullet 61^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow M7_{+17}(\downarrow m2_{-17})^1} = (1) + \uparrow P5_{+49}(\downarrow P4_{-49})$

$12628 = 2^2 \bullet 7^1 \bullet 11^1 \bullet 41^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow M3_{+29}(\downarrow m6_{-29})^1} = (1) + \uparrow P5_{+49}(\downarrow P4_{-49})$

$12629 = 73^1 \bullet 173^1 = \mathbf{(1) + \uparrow M2_{+28}(\downarrow m7_{-28})^1 + \uparrow P4_{+22}(\downarrow P5_{-22})^1} = (1) + \uparrow P5_{+49}(\downarrow P4_{-49})$

$12630 = 2^1 \bullet 3^1 \bullet 5^1 \bullet 421^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M6_{-39}(\downarrow m3_{+39})^1} = (1) + \uparrow P5_{+49}(\downarrow P4_{-49})$

$12631 = 17^1 \bullet 743^1 = \mathbf{(1) + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow tt_{+45}(\downarrow tt_{-45})^1} = (1) + \uparrow P5_{+50}(\downarrow P4_{-50})$

$12632 = 2^3 \bullet 1579^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{+50}(\downarrow P4_{-50})^1} = (1) + \uparrow P5_{+50}(\downarrow P4_{-50})$

$12633 = 3^1 \bullet 4211^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow uni_{+48}(\downarrow 8ve_{-48})^1} = (1) + \uparrow P5_{+50}(\downarrow P4_{-50})$

$12634 = 2^1 \bullet 6317^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m6_{-50}(\downarrow M3_{+50})^1} = (1) + \uparrow m6_{-50}(\downarrow M3_{+50})$

$12635 = 5^1 \bullet 7^1 \bullet 19^2 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^2} = (1) + \uparrow m6_{-50}(\downarrow M3_{+50})$

$12636 = 2^2 \bullet 3^5 \bullet 13^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^5 + \uparrow m6_{+41}(\downarrow M3_{-41})^1} = (1) + \uparrow m6_{-50}(\downarrow M3_{+50})$

$12637 = 12637^1 = \mathbf{(1) + \uparrow m6_{-50}(\downarrow M3_{+50})}$

$12638 = 2^1 \bullet 71^1 \bullet 89^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M2_{-20}(\downarrow m7_{+20})^1 + \uparrow tt_{-29}(\downarrow tt_{+29})^1} = (1) + \uparrow m6_{-49}(\downarrow M3_{+49})$

$12639 = 3^1 \bullet 11^1 \bullet 383^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow P5_{-3}(\downarrow P4_{+3})^1} = (1) + \uparrow m6_{-49}(\downarrow M3_{+49})$

$12640 = 2^5 \bullet 5^1 \bullet 79^1 = \mathbf{(1) + \updownarrow 8ve(uni)^5 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M3_{-35}(\downarrow m6_{+35})^1} = (1) + \uparrow m6_{-49}(\downarrow M3_{+49})$

$12641 = 12641^1 = \mathbf{(1) + \uparrow m6_{-49}(\downarrow M3_{+49})}$

$12642 = 2^1 \bullet 3^1 \bullet 7^2 \bullet 43^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^2 + \uparrow P4_{+12}(\downarrow P5_{-12})^1} = (1) + \uparrow m6_{-49}(\downarrow M3_{+49})$

$12643 = 47^1 \bullet 269^1 = \mathbf{(1) + \uparrow P5_{-34}(\downarrow P4_{+34})^1 + \uparrow m2_{-14}(\downarrow M7_{+14})^1} = (1) + \uparrow m6_{-49}(\downarrow M3_{+49})$

$12644 = 2^2 \bullet 29^1 \bullet 109^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m7_{+30}(\downarrow M2_{-30})^1 + \uparrow M6_{+22}(\downarrow m3_{-22})^1} = (1) + \uparrow m6_{-49}(\downarrow M3_{+49})$

$12645 = 3^2 \bullet 5^1 \bullet 281^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M2_{-39}(\downarrow m7_{+39})^1} = (1) + \uparrow m6_{-48}(\downarrow M3_{+48})$

$12646 = 2^1 \bullet 6323^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m6_{-48}(\downarrow M3_{+48})^1} = (1) + \uparrow m6_{-48}(\downarrow M3_{+48})$

$12647 = 12647^1 = \mathbf{(1) + \uparrow m6_{-48}(\downarrow M3_{+48})}$

$12648 = 2^3 \bullet 3^1 \bullet 17^1 \bullet 31^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow M7_{+45}(\downarrow m2_{-45})^1} = (1) + \uparrow m6_{-48}(\downarrow M3_{+48})$

$12649 = 7^1 \bullet 13^1 \bullet 139^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow m2_{+43}(\downarrow M7_{-43})^1} = (1) + \uparrow m6_{-48}(\downarrow M3_{+48})$

$12650 = 2^1 \bullet 5^2 \bullet 11^1 \bullet 23^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1} = (1) + \uparrow m6_{-48}(\downarrow M3_{+48})$

$12651 = 3^1 \bullet 4217^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m2_{-50}(\downarrow M7_{+50})^1} = (1) + \uparrow m6_{-48}(\downarrow M3_{+48})$

$12652 = 2^2 \bullet 3163^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m6_{-48}(\downarrow M3_{+48})^1} = (1) + \uparrow m6_{-48}(\downarrow M3_{+48})$

$12653 = 12653^1 = \mathbf{(1) + \uparrow m6_{-47}(\downarrow M3_{+47})}$

$12654 = 2^1 \bullet 3^2 \bullet 19^1 \bullet 37^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow m3_{-49}(\downarrow M6_{+49})^1} = (1) + \uparrow m6_{-47}(\downarrow M3_{+47})$

$12655 = 5^1 \bullet 2531^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M3_{-33}(\downarrow m6_{+33})^1} = (1) + \uparrow m6_{-47}(\downarrow M3_{+47})$

$12656 = 2^4 \bullet 7^1 \bullet 113^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m7_{-16}(\downarrow M2_{+16})^1} = (1) + \uparrow m6_{-47}(\downarrow M3_{+47})$

$12657 = 3^1 \bullet 4219^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m2_{-49}(\downarrow M7_{+49})^1} = (1) + \uparrow m6_{-47}(\downarrow M3_{+47})$

$12658 = 2^1 \bullet 6329^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m6_{-47}(\downarrow M3_{+47})^1} = (1) + \uparrow m6_{-47}(\downarrow M3_{+47})$

$12659 = 12659^1 = \mathbf{(1) + \uparrow m6_{-47}(\downarrow M3_{+47})}$

$12660 = 2^2 \bullet 3^1 \bullet 5^1 \bullet 211^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M6_{-35}(\downarrow m3_{+35})^1} = (1) + \uparrow m6_{-46}(\downarrow M3_{+46})$

$12661 = 11^1 \bullet 1151^1 = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow M2_{+2}(\downarrow m7_{-2})^1} = (1) + \uparrow m6_{-46}(\downarrow M3_{+46})$

$12662 = 2^1 \bullet 13^1 \bullet 487^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow M7_{+13}(\downarrow m2_{-13})^1} = (1) + \uparrow m6_{-46}(\downarrow M3_{+46})$

$12663 = 3^3 \bullet 7^1 \bullet 67^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m2_{-21}(\downarrow M7_{+21})^1} = (1) + \uparrow m6_{-46}(\downarrow M3_{+46})$

$12664 = 2^3 \bullet 1583^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow m6_{-46}(\downarrow M3_{+46})^1} = (1) + \uparrow m6_{-46}(\downarrow M3_{+46})$

$12665 = 5^{1}\bullet 17^{1}\bullet 149^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow m3_{-37}(\downarrow M6_{+37})^{1}} = (1) + \uparrow m6_{-46}(\downarrow M3_{+46})$

$12666 = 2^{1}\bullet 3^{1}\bullet 2111^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m2_{-48}(\downarrow M7_{+48})^{1}} = (1) + \uparrow m6_{-46}(\downarrow M3_{+46})$

$12667 = 53^{1}\bullet 239^{1} = \mathbf{(1) + \uparrow M6_{-26}(\downarrow m3_{+26})^{1} + \uparrow M7_{-19}(\downarrow m2_{+19})^{1}} = (1) + \uparrow m6_{-45}(\downarrow M3_{+45})$

$12668 = 2^{2}\bullet 3167^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m6_{-45}(\downarrow M3_{+45})^{1}} = (1) + \uparrow m6_{-45}(\downarrow M3_{+45})$

$12669 = 3^{1}\bullet 41^{1}\bullet 103^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{+29}(\downarrow m6_{-29})^{1} + \uparrow m6_{+24}(\downarrow M3_{-24})^{1}} = (1) + \uparrow m6_{-45}(\downarrow M3_{+45})$

$12670 = 2^{1}\bullet 5^{1}\bullet 7^{1}\bullet 181^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow tt_{+0}(\downarrow tt_{-0})^{1}} = (1) + \uparrow m6_{-45}(\downarrow M3_{+45})$

$12671 = 12671^{1} = \mathbf{(1) + \uparrow m6_{-45}(\downarrow M3_{+45})}$

$12672 = 2^{7}\bullet 3^{2}\bullet 11^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{7} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1}} = (1) + \uparrow m6_{-45}(\downarrow M3_{+45})$

$12673 = 19^{1}\bullet 23^{1}\bullet 29^{1} = \mathbf{(1) + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1}} = (1) + \uparrow m6_{-45}(\downarrow M3_{+45})$

$12674 = 2^{1}\bullet 6337^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m6_{-44}(\downarrow M3_{+44})^{1}} = (1) + \uparrow m6_{-44}(\downarrow M3_{+44})$

$12675 = 3^{1}\bullet 5^{2}\bullet 13^{2} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow m6_{+41}(\downarrow M3_{-41})^{2}} = (1) + \uparrow m6_{-44}(\downarrow M3_{+44})$

$12676 = 2^{2}\bullet 3169^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m6_{-44}(\downarrow M3_{+44})^{1}} = (1) + \uparrow m6_{-44}(\downarrow M3_{+44})$

$12677 = 7^{1}\bullet 1811^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m7_{-13}(\downarrow M2_{+13})^{1}} = (1) + \uparrow m6_{-44}(\downarrow M3_{+44})$

$12678 = 2^{1}\bullet 3^{1}\bullet 2113^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m2_{-46}(\downarrow M7_{+46})^{1}} = (1) + \uparrow m6_{-44}(\downarrow M3_{+44})$

$12679 = 31^{1}\bullet 409^{1} = \mathbf{(1) + \uparrow M7_{+45}(\downarrow m2_{-45})^{1} + \uparrow m6_{+11}(\downarrow M3_{-11})^{1}} = (1) + \uparrow m6_{-44}(\downarrow M3_{+44})$

$12680 = 2^{3}\bullet 5^{1}\bullet 317^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M3_{-30}(\downarrow m6_{+30})^{1}} = (1) + \uparrow m6_{-44}(\downarrow M3_{+44})$

$12681 = 3^{2}\bullet 1409^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow tt_{-47}(\downarrow tt_{+47})^{1}} = (1) + \uparrow m6_{-44}(\downarrow M3_{+44})$

$12682 = 2^{1}\bullet 17^{1}\bullet 373^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow P5_{-48}(\downarrow P4_{+48})^{1}} = (1) + \uparrow m6_{-43}(\downarrow M3_{+43})$

$12683 = 11^{1}\bullet 1153^{1} = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow M2_{+5}(\downarrow m7_{-5})^{1}} = (1) + \uparrow m6_{-43}(\downarrow M3_{+43})$

$12684 = 2^{2}\bullet 3^{1}\bullet 7^{1}\bullet 151^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m3_{-14}(\downarrow M6_{+14})^{1}} = (1) + \uparrow m6_{-43}(\downarrow M3_{+43})$

$12685 = 5^{1}\bullet 43^{1}\bullet 59^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow P4_{+12}(\downarrow P5_{-12})^{1} + \uparrow M7_{-41}(\downarrow m2_{+41})^{1}} = (1) + \uparrow m6_{-43}(\downarrow M3_{+43})$

$12686 = 2^{1}\bullet 6343^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m6_{-43}(\downarrow M3_{+43})^{1}} = (1) + \uparrow m6_{-43}(\downarrow M3_{+43})$

$12687 = 3^{1}\bullet 4229^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m2_{-45}(\downarrow M7_{+45})^{1}} = (1) + \uparrow m6_{-43}(\downarrow M3_{+43})$

$12688 = 2^{4}\bullet 13^{1}\bullet 61^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow M7_{+17}(\downarrow m2_{-17})^{1}} = (1) + \uparrow m6_{-43}(\downarrow M3_{+43})$

$12689 = 12689^{1} = \mathbf{(1) + \uparrow m6_{-42}(\downarrow M3_{+42})}$

$12690 = 2^{1}\bullet 3^{3}\bullet 5^{1}\bullet 47^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow P5_{-34}(\downarrow P4_{+34})^{1}} = (1) + \uparrow m6_{-42}(\downarrow M3_{+42})$

$12691 = 7^{3}\bullet 37^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{3} + \uparrow m3_{-49}(\downarrow M6_{+49})^{1}} = (1) + \uparrow m6_{-42}(\downarrow M3_{+42})$

$12692 = 2^{2}\bullet 19^{1}\bullet 167^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow P4_{-40}(\downarrow P5_{+40})^{1}} = (1) + \uparrow m6_{-42}(\downarrow M3_{+42})$

$12693 = 3^{1}\bullet 4231^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m2_{-44}(\downarrow M7_{+44})^{1}} = (1) + \uparrow m6_{-42}(\downarrow M3_{+42})$

$12694 = 2^{1}\bullet 11^{1}\bullet 577^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow M2_{+7}(\downarrow m7_{-7})^{1}} = (1) + \uparrow m6_{-42}(\downarrow M3_{+42})$

$12695 = 5^{1}\bullet 2539^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M3_{-28}(\downarrow m6_{+28})^{1}} = (1) + \uparrow m6_{-42}(\downarrow M3_{+42})$

$12696 = 2^{3}\bullet 3^{1}\bullet 23^{2} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{2}} = (1) + \uparrow m6_{-41}(\downarrow M3_{+41})$

$12697 = 12697^{1} = \mathbf{(1) + \uparrow m6_{-41}(\downarrow M3_{+41})}$

$12698 = 2^{1}\bullet 7^{1}\bullet 907^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m7_{-10}(\downarrow M2_{+10})^{1}} = (1) + \uparrow m6_{-41}(\downarrow M3_{+41})$

$12699 = 3^{2}\bullet 17^{1}\bullet 83^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow P4_{-50}(\downarrow P5_{+50})^{1}} = (1) + \uparrow m6_{-41}(\downarrow M3_{+41})$

$12700 = 2^{2}\bullet 5^{2}\bullet 127^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow 8ve_{-14}(\downarrow uni_{+14})^{1}} = (1) + \uparrow m6_{-41}(\downarrow M3_{+41})$

$12701 = 13^{1}\bullet 977^{1} = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow M7_{+19}(\downarrow m2_{-19})^{1}} = (1) + \uparrow m6_{-41}(\downarrow M3_{+41})$

$12702 = 2^{1}\bullet 3^{1}\bullet 29^{1}\bullet 73^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1} + \uparrow M2_{+28}(\downarrow m7_{-28})^{1}} = (1) + \uparrow m6_{-41}(\downarrow M3_{+41})$

$12703 = 12703^{1} = \mathbf{(1) + \uparrow m6_{-41}(\downarrow M3_{+41})}$

$12704 = 2^{5}\bullet 397^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{5} + \uparrow m6_{-40}(\downarrow M3_{+40})^{1}} = (1) + \uparrow m6_{-40}(\downarrow M3_{+40})$

$12705 = 3^{1}\bullet 5^{1}\bullet 7^{1}\bullet 11^{2} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{2}} = (1) + \uparrow m6_{-40}(\downarrow M3_{+40})$

$12706 = 2^{1}\bullet 6353^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m6_{-40}(\downarrow M3_{+40})^{1}} = (1) + \uparrow m6_{-40}(\downarrow M3_{+40})$

$12707 = 97^1 \bullet 131^1 = \mathbf{(1) + \uparrow P5_{+20}(\downarrow P4_{-20})^1 + \uparrow uni_{+40}(\downarrow 8ve_{-40})^1} = (1) + \uparrow m6_{-40}(\downarrow M3_{+40})$

$12708 = 2^2 \bullet 3^2 \bullet 353^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow tt_{-44}(\downarrow tt_{+44})^1} = (1) + \uparrow m6_{-40}(\downarrow M3_{+40})$

$12709 = 71^1 \bullet 179^1 = \mathbf{(1) + \uparrow M2_{-20}(\downarrow m7_{+20})^1 + \uparrow tt_{-19}(\downarrow tt_{+19})^1} = (1) + \uparrow m6_{-40}(\downarrow M3_{+40})$

$12710 = 2^1 \bullet 5^1 \bullet 31^1 \bullet 41^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M7_{+45}(\downarrow m2_{-45})^1 + \uparrow M3_{+29}(\downarrow m6_{-29})^1} = (1) + \uparrow m6_{-40}(\downarrow M3_{+40})$

$12711 = 3^1 \bullet 19^1 \bullet 223^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow m7_{-39}(\downarrow M2_{+39})^1} = (1) + \uparrow m6_{-39}(\downarrow M3_{+39})$

$12712 = 2^3 \bullet 7^1 \bullet 227^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m7_{-8}(\downarrow M2_{+8})^1} = (1) + \uparrow m6_{-39}(\downarrow M3_{+39})$

$12713 = 12713^1 = \mathbf{(1) + \uparrow m6_{-39}(\downarrow M3_{+39})}$

$12714 = 2^1 \bullet 3^1 \bullet 13^1 \bullet 163^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow M3_{+18}(\downarrow m6_{-18})^1} = (1) + \uparrow m6_{-39}(\downarrow M3_{+39})$

$12715 = 5^1 \bullet 2543^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M3_{-25}(\downarrow m6_{+25})^1} = (1) + \uparrow m6_{-39}(\downarrow M3_{+39})$

$12716 = 2^2 \bullet 11^1 \bullet 17^2 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^2} = (1) + \uparrow m6_{-39}(\downarrow M3_{+39})$

$12717 = 3^4 \bullet 157^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^4 + \uparrow M3_{-46}(\downarrow m6_{+46})^1} = (1) + \uparrow m6_{-39}(\downarrow M3_{+39})$

$12718 = 2^1 \bullet 6359^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m6_{-38}(\downarrow M3_{+38})^1} = (1) + \uparrow m6_{-38}(\downarrow M3_{+38})$

$12719 = 7^1 \bullet 23^1 \bullet 79^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow M3_{-35}(\downarrow m6_{+35})^1} = (1) + \uparrow m6_{-38}(\downarrow M3_{+38})$

$12720 = 2^4 \bullet 3^1 \bullet 5^1 \bullet 53^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M6_{-26}(\downarrow m3_{+26})^1} = (1) + \uparrow m6_{-38}(\downarrow M3_{+38})$

$12721 = 12721^1 = \mathbf{(1) + \uparrow m6_{-38}(\downarrow M3_{+38})}$

$12722 = 2^1 \bullet 6361^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m6_{-38}(\downarrow M3_{+38})^1} = (1) + \uparrow m6_{-38}(\downarrow M3_{+38})$

$12723 = 3^1 \bullet 4241^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m2_{-40}(\downarrow M7_{+40})^1} = (1) + \uparrow m6_{-38}(\downarrow M3_{+38})$

$12724 = 2^2 \bullet 3181^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m6_{-38}(\downarrow M3_{+38})^1} = (1) + \uparrow m6_{-38}(\downarrow M3_{+38})$

$12725 = 5^2 \bullet 509^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow 8ve_{-10}(\downarrow uni_{+10})^1} = (1) + \uparrow m6_{-38}(\downarrow M3_{+38})$

$12726 = 2^1 \bullet 3^2 \bullet 7^1 \bullet 101^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m6_{-10}(\downarrow M3_{+10})^1} = (1) + \uparrow m6_{-37}(\downarrow M3_{+37})$

$12727 = 11^1 \bullet 13^1 \bullet 89^1 = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow tt_{-29}(\downarrow tt_{+29})^1} = (1) + \uparrow m6_{-37}(\downarrow M3_{+37})$

$12728 = 2^3 \bullet 37^1 \bullet 43^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow m3_{-49}(\downarrow M6_{+49})^1 + \uparrow P4_{+12}(\downarrow P5_{-12})^1} = (1) + \uparrow m6_{-37}(\downarrow M3_{+37})$

$12729 = 3^1 \bullet 4243^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m2_{-39}(\downarrow M7_{+39})^1} = (1) + \uparrow m6_{-37}(\downarrow M3_{+37})$

$12730 = 2^1 \bullet 5^1 \bullet 19^1 \bullet 67^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow m2_{-21}(\downarrow M7_{+21})^1} = (1) + \uparrow m6_{-37}(\downarrow M3_{+37})$

$12731 = 29^1 \bullet 439^1 = \mathbf{(1) + \uparrow m7_{+30}(\downarrow M2_{-30})^1 + \uparrow M6_{+34}(\downarrow m3_{-34})^1} = (1) + \uparrow m6_{-37}(\downarrow M3_{+37})$

$12732 = 2^2 \bullet 3^1 \bullet 1061^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m2_{-39}(\downarrow M7_{+39})^1} = (1) + \uparrow m6_{-37}(\downarrow M3_{+37})$

$12733 = 7^1 \bullet 17^1 \bullet 107^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow M6_{-10}(\downarrow m3_{+10})^1} = (1) + \uparrow m6_{-36}(\downarrow M3_{+36})$

$12734 = 2^1 \bullet 6367^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m6_{-36}(\downarrow M3_{+36})^1} = (1) + \uparrow m6_{-36}(\downarrow M3_{+36})$

$12735 = 3^2 \bullet 5^1 \bullet 283^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M2_{-26}(\downarrow m7_{+26})^1} = (1) + \uparrow m6_{-36}(\downarrow M3_{+36})$

$12736 = 2^6 \bullet 199^1 = \mathbf{(1) + \updownarrow 8ve(uni)^6 + \uparrow m6_{-36}(\downarrow M3_{+36})^1} = (1) + \uparrow m6_{-36}(\downarrow M3_{+36})$

$12737 = 47^1 \bullet 271^1 = \mathbf{(1) + \uparrow P5_{-34}(\downarrow P4_{+34})^1 + \uparrow m2_{-1}(\downarrow M7_{+1})^1} = (1) + \uparrow m6_{-36}(\downarrow M3_{+36})$

$12738 = 2^1 \bullet 3^1 \bullet 11^1 \bullet 193^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow P5_{+11}(\downarrow P4_{-11})^1} = (1) + \uparrow m6_{-36}(\downarrow M3_{+36})$

$12739 = 12739^1 = \mathbf{(1) + \uparrow m6_{-36}(\downarrow M3_{+36})}$

$12740 = 2^2 \bullet 5^1 \bullet 7^2 \bullet 13^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^2 + \uparrow m6_{+41}(\downarrow M3_{-41})^1} = (1) + \uparrow m6_{-36}(\downarrow M3_{+36})$

$12741 = 3^1 \bullet 31^1 \bullet 137^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M7_{+45}(\downarrow m2_{-45})^1 + \uparrow m2_{+18}(\downarrow M7_{-18})^1} = (1) + \uparrow m6_{-35}(\downarrow M3_{+35})$

$12742 = 2^1 \bullet 23^1 \bullet 277^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow m2_{+36}(\downarrow M7_{-36})^1} = (1) + \uparrow m6_{-35}(\downarrow M3_{+35})$

$12743 = 12743^1 = \mathbf{(1) + \uparrow m6_{-35}(\downarrow M3_{+35})}$

$12744 = 2^3 \bullet 3^3 \bullet 59^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow M7_{-41}(\downarrow m2_{+41})^1} = (1) + \uparrow m6_{-35}(\downarrow M3_{+35})$

$12745 = 5^1 \bullet 2549^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M3_{-21}(\downarrow m6_{+21})^1} = (1) + \uparrow m6_{-35}(\downarrow M3_{+35})$

$12746 = 2^1 \bullet 6373^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m6_{-35}(\downarrow M3_{+35})^1} = (1) + \uparrow m6_{-35}(\downarrow M3_{+35})$

$12747 = 3^1 \bullet 7^1 \bullet 607^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m3_{-5}(\downarrow M6_{+5})^1} = (1) + \uparrow m6_{-35}(\downarrow M3_{+35})$

$12748 = 2^2 \bullet 3187^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m6_{-34}(\downarrow M3_{+34})^1} = (1) + \uparrow m6_{-34}(\downarrow M3_{+34})$

$12749 = 11^{1}\bullet 19^{1}\bullet 61^{1} = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow M7_{+17}(\downarrow m2_{-17})^{1}} = (1) + \uparrow m6_{-34}(\downarrow M3_{+34})$

$12750 = 2^{1}\bullet 3^{1}\bullet 5^{3}\bullet 17^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{3} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1}} = (1) + \uparrow m6_{-34}(\downarrow M3_{+34})$

$12751 = 41^{1}\bullet 311^{1} = \mathbf{(1) + \uparrow M3_{+29}(\downarrow m6_{-29})^{1} + \uparrow m3_{+37}(\downarrow M6_{-37})^{1}} = (1) + \uparrow m6_{-34}(\downarrow M3_{+34})$

$12752 = 2^{4}\bullet 797^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow m6_{-34}(\downarrow M3_{+34})^{1}} = (1) + \uparrow m6_{-34}(\downarrow M3_{+34})$

$12753 = 3^{2}\bullet 13^{1}\bullet 109^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow M6_{+22}(\downarrow m3_{-22})^{1}} = (1) + \uparrow m6_{-34}(\downarrow M3_{+34})$

$12754 = 2^{1}\bullet 7^{1}\bullet 911^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m7_{-2}(\downarrow M2_{+2})^{1}} = (1) + \uparrow m6_{-34}(\downarrow M3_{+34})$

$12755 = 5^{1}\bullet 2551^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M3_{-20}(\downarrow m6_{+20})^{1}} = (1) + \uparrow m6_{-33}(\downarrow M3_{+33})$

$12756 = 2^{2}\bullet 3^{1}\bullet 1063^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m2_{-35}(\downarrow M7_{+35})^{1}} = (1) + \uparrow m6_{-33}(\downarrow M3_{+33})$

$12757 = 12757^{1} = \mathbf{(1) + \uparrow m6_{-33}(\downarrow M3_{+33})}$

$12758 = 2^{1}\bullet 6379^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m6_{-33}(\downarrow M3_{+33})^{1}} = (1) + \uparrow m6_{-33}(\downarrow M3_{+33})$

$12759 = 3^{1}\bullet 4253^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m2_{-35}(\downarrow M7_{+35})^{1}} = (1) + \uparrow m6_{-33}(\downarrow M3_{+33})$

$12760 = 2^{3}\bullet 5^{1}\bullet 11^{1}\bullet 29^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1}} = (1) + \uparrow m6_{-33}(\downarrow M3_{+33})$

$12761 = 7^{1}\bullet 1823^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m7_{-1}(\downarrow M2_{+1})^{1}} = (1) + \uparrow m6_{-33}(\downarrow M3_{+33})$

$12762 = 2^{1}\bullet 3^{2}\bullet 709^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow tt_{-36}(\downarrow tt_{+36})^{1}} = (1) + \uparrow m6_{-33}(\downarrow M3_{+33})$

$12763 = 12763^{1} = \mathbf{(1) + \uparrow m6_{-32}(\downarrow M3_{+32})}$

$12764 = 2^{2}\bullet 3191^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m6_{-32}(\downarrow M3_{+32})^{1}} = (1) + \uparrow m6_{-32}(\downarrow M3_{+32})$

$12765 = 3^{1}\bullet 5^{1}\bullet 23^{1}\bullet 37^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow m3_{-49}(\downarrow M6_{+49})^{1}} = (1) + \uparrow m6_{-32}(\downarrow M3_{+32})$

$12766 = 2^{1}\bullet 13^{1}\bullet 491^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow M7_{+27}(\downarrow m2_{-27})^{1}} = (1) + \uparrow m6_{-32}(\downarrow M3_{+32})$

$12767 = 17^{1}\bullet 751^{1} = \mathbf{(1) + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow P5_{-37}(\downarrow P4_{+37})^{1}} = (1) + \uparrow m6_{-32}(\downarrow M3_{+32})$

$12768 = 2^{5}\bullet 3^{1}\bullet 7^{1}\bullet 19^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{5} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1}} = (1) + \uparrow m6_{-32}(\downarrow M3_{+32})$

$12769 = 113^{2} = \mathbf{(1) + \uparrow m7_{-16}(\downarrow M2_{+16})^{2}} = (1) + \uparrow m6_{-32}(\downarrow M3_{+32})$

$12770 = 2^{1}\bullet 5^{1}\bullet 1277^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M3_{-18}(\downarrow m6_{+18})^{1}} = (1) + \uparrow m6_{-31}(\downarrow M3_{+31})$

$12771 = 3^{3}\bullet 11^{1}\bullet 43^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow P4_{+12}(\downarrow P5_{-12})^{1}} = (1) + \uparrow m6_{-31}(\downarrow M3_{+31})$

$12772 = 2^{2}\bullet 31^{1}\bullet 103^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1} + \uparrow m6_{+24}(\downarrow M3_{-24})^{1}} = (1) + \uparrow m6_{-31}(\downarrow M3_{+31})$

$12773 = 53^{1}\bullet 241^{1} = \mathbf{(1) + \uparrow M6_{-26}(\downarrow m3_{+26})^{1} + \uparrow M7_{-5}(\downarrow m2_{+5})^{1}} = (1) + \uparrow m6_{-31}(\downarrow M3_{+31})$

$12774 = 2^{1}\bullet 3^{1}\bullet 2129^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m2_{-33}(\downarrow M7_{+33})^{1}} = (1) + \uparrow m6_{-31}(\downarrow M3_{+31})$

$12775 = 5^{2}\bullet 7^{1}\bullet 73^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M2_{+28}(\downarrow m7_{-28})^{1}} = (1) + \uparrow m6_{-31}(\downarrow M3_{+31})$

$12776 = 2^{3}\bullet 1597^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow m6_{-31}(\downarrow M3_{+31})^{1}} = (1) + \uparrow m6_{-31}(\downarrow M3_{+31})$

$12777 = 3^{1}\bullet 4259^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m2_{-32}(\downarrow M7_{+32})^{1}} = (1) + \uparrow m6_{-30}(\downarrow M3_{+30})$

$12778 = 2^{1}\bullet 6389^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m6_{-30}(\downarrow M3_{+30})^{1}} = (1) + \uparrow m6_{-30}(\downarrow M3_{+30})$

$12779 = 13^{1}\bullet 983^{1} = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow M7_{+29}(\downarrow m2_{-29})^{1}} = (1) + \uparrow m6_{-30}(\downarrow M3_{+30})$

$12780 = 2^{2}\bullet 3^{2}\bullet 5^{1}\bullet 71^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M2_{-20}(\downarrow m7_{+20})^{1}} = (1) + \uparrow m6_{-30}(\downarrow M3_{+30})$

$12781 = 12781^{1} = \mathbf{(1) + \uparrow m6_{-30}(\downarrow M3_{+30})}$

$12782 = 2^{1}\bullet 7^{1}\bullet 11^{1}\bullet 83^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow P4_{-50}(\downarrow P5_{+50})^{1}} = (1) + \uparrow m6_{-30}(\downarrow M3_{+30})$

$12783 = 3^{1}\bullet 4261^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m2_{-32}(\downarrow M7_{+32})^{1}} = (1) + \uparrow m6_{-30}(\downarrow M3_{+30})$

$12784 = 2^{4}\bullet 17^{1}\bullet 47^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow P5_{-34}(\downarrow P4_{+34})^{1}} = (1) + \uparrow m6_{-30}(\downarrow M3_{+30})$

$12785 = 5^{1}\bullet 2557^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M3_{-16}(\downarrow m6_{+16})^{1}} = (1) + \uparrow m6_{-29}(\downarrow M3_{+29})$

$12786 = 2^{1}\bullet 3^{1}\bullet 2131^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m2_{-31}(\downarrow M7_{+31})^{1}} = (1) + \uparrow m6_{-29}(\downarrow M3_{+29})$

$12787 = 19^{1}\bullet 673^{1} = \mathbf{(1) + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow P4_{-27}(\downarrow P5_{+27})^{1}} = (1) + \uparrow m6_{-29}(\downarrow M3_{+29})$

$12788 = 2^{2}\bullet 23^{1}\bullet 139^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow m2_{+43}(\downarrow M7_{-43})^{1}} = (1) + \uparrow m6_{-29}(\downarrow M3_{+29})$

$12789 = 3^{2}\bullet 7^{2}\bullet 29^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{2} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1}} = (1) + \uparrow m6_{-29}(\downarrow M3_{+29})$

$12790 = 2^{1}\bullet 5^{1}\bullet 1279^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M3_{-15}(\downarrow m6_{+15})^{1}} = (1) + \uparrow m6_{-29}(\downarrow M3_{+29})$

$12791 = 12791^{1} = \mathbf{(1) + \uparrow m6_{-29}(\downarrow M3_{+29})}$

$12792 = 2^{3}\bullet 3^{1}\bullet 13^{1}\bullet 41^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow M3_{+29}(\downarrow m6_{-29})^{1}} = (1) + \uparrow m6_{-28}(\downarrow M3_{+28})$

$12793 = 11^{1}\bullet 1163^{1} = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow M2_{+20}(\downarrow m7_{-20})^{1}} = (1) + \uparrow m6_{-28}(\downarrow M3_{+28})$

$12794 = 2^{1}\bullet 6397^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m6_{-28}(\downarrow M3_{+28})^{1}} = (1) + \uparrow m6_{-28}(\downarrow M3_{+28})$

$12795 = 3^{1}\bullet 5^{1}\bullet 853^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M6_{-16}(\downarrow m3_{+16})^{1}} = (1) + \uparrow m6_{-28}(\downarrow M3_{+28})$

$12796 = 2^{2}\bullet 7^{1}\bullet 457^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m7_{+3}(\downarrow M2_{-3})^{1}} = (1) + \uparrow m6_{-28}(\downarrow M3_{+28})$

$12797 = 67^{1}\bullet 191^{1} = \mathbf{(1) + \uparrow m2_{-21}(\downarrow M7_{+21})^{1} + \uparrow P5_{-7}(\downarrow P4_{+7})^{1}} = (1) + \uparrow m6_{-28}(\downarrow M3_{+28})$

$12798 = 2^{1}\bullet 3^{4}\bullet 79^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{4} + \uparrow M3_{-35}(\downarrow m6_{+35})^{1}} = (1) + \uparrow m6_{-28}(\downarrow M3_{+28})$

$12799 = 12799^{1} = \mathbf{(1) + \uparrow m6_{-28}(\downarrow M3_{+28})}$

$12800 = 2^{9}\bullet 5^{2} = \mathbf{(1) + \updownarrow 8ve(uni)^{9} + \uparrow M3_{-14}(\downarrow m6_{+14})^{2}} = (1) + \uparrow m6_{-27}(\downarrow M3_{+27})$

$12801 = 3^{1}\bullet 17^{1}\bullet 251^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow 8ve_{-34}(\downarrow uni_{+34})^{1}} = (1) + \uparrow m6_{-27}(\downarrow M3_{+27})$

$12802 = 2^{1}\bullet 37^{1}\bullet 173^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m3_{-49}(\downarrow M6_{+49})^{1} + \uparrow P4_{+22}(\downarrow P5_{-22})^{1}} = (1) + \uparrow m6_{-27}(\downarrow M3_{+27})$

$12803 = 7^{1}\bullet 31^{1}\bullet 59^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1} + \uparrow M7_{-41}(\downarrow m2_{+41})^{1}} = (1) + \uparrow m6_{-27}(\downarrow M3_{+27})$

$12804 = 2^{2}\bullet 3^{1}\bullet 11^{1}\bullet 97^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow P5_{+20}(\downarrow P4_{-20})^{1}} = (1) + \uparrow m6_{-27}(\downarrow M3_{+27})$

$12805 = 5^{1}\bullet 13^{1}\bullet 197^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow P5_{+46}(\downarrow P4_{-46})^{1}} = (1) + \uparrow m6_{-27}(\downarrow M3_{+27})$

$12806 = 2^{1}\bullet 19^{1}\bullet 337^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow P4_{-24}(\downarrow P5_{+24})^{1}} = (1) + \uparrow m6_{-27}(\downarrow M3_{+27})$

$12807 = 3^{2}\bullet 1423^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow tt_{-30}(\downarrow tt_{+30})^{1}} = (1) + \uparrow m6_{-26}(\downarrow M3_{+26})$

$12808 = 2^{3}\bullet 1601^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow m6_{-26}(\downarrow M3_{+26})^{1}} = (1) + \uparrow m6_{-26}(\downarrow M3_{+26})$

$12809 = 12809^{1} = \mathbf{(1) + \uparrow m6_{-26}(\downarrow M3_{+26})}$

$12810 = 2^{1}\bullet 3^{1}\bullet 5^{1}\bullet 7^{1}\bullet 61^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M7_{+17}(\downarrow m2_{-17})^{1}} =$

$(1) + \uparrow m6_{-26}(\downarrow M3_{+26})$

$12811 = 23^{1}\bullet 557^{1} = \mathbf{(1) + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow m2_{+46}(\downarrow M7_{-46})^{1}} = (1) + \uparrow m6_{-26}(\downarrow M3_{+26})$

$12812 = 2^{2}\bullet 3203^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m6_{-26}(\downarrow M3_{+26})^{1}} = (1) + \uparrow m6_{-26}(\downarrow M3_{+26})$

$12813 = 3^{1}\bullet 4271^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m2_{-28}(\downarrow M7_{+28})^{1}} = (1) + \uparrow m6_{-26}(\downarrow M3_{+26})$

$12814 = 2^{1}\bullet 43^{1}\bullet 149^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P4_{+12}(\downarrow P5_{-12})^{1} + \uparrow m3_{-37}(\downarrow M6_{+37})^{1}} = (1) + \uparrow m6_{-25}(\downarrow M3_{+25})$

$12815 = 5^{1}\bullet 11^{1}\bullet 233^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m7_{+37}(\downarrow M2_{-37})^{1}} = (1) + \uparrow m6_{-25}(\downarrow M3_{+25})$

$12816 = 2^{4}\bullet 3^{2}\bullet 89^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow tt_{-29}(\downarrow tt_{+29})^{1}} = (1) + \uparrow m6_{-25}(\downarrow M3_{+25})$

$12817 = 7^{1}\bullet 1831^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m7_{+6}(\downarrow M2_{-6})^{1}} = (1) + \uparrow m6_{-25}(\downarrow M3_{+25})$

$12818 = 2^{1}\bullet 13^{1}\bullet 17^{1}\bullet 29^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1}} = (1) + \uparrow m6_{-25}(\downarrow M3_{+25})$

$12819 = 3^{1}\bullet 4273^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m2_{-27}(\downarrow M7_{+27})^{1}} = (1) + \uparrow m6_{-25}(\downarrow M3_{+25})$

$12820 = 2^{2}\bullet 5^{1}\bullet 641^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M3_{-11}(\downarrow m6_{+11})^{1}} = (1) + \uparrow m6_{-25}(\downarrow M3_{+25})$

$12821 = 12821^{1} = \mathbf{(1) + \uparrow m6_{-25}(\downarrow M3_{+25})}$

$12822 = 2^{1}\bullet 3^{1}\bullet 2137^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m2_{-26}(\downarrow M7_{+26})^{1}} = (1) + \uparrow m6_{-24}(\downarrow M3_{+24})$

$12823 = 12823^{1} = \mathbf{(1) + \uparrow m6_{-24}(\downarrow M3_{+24})}$

$12824 = 2^{3}\bullet 7^{1}\bullet 229^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m7_{+7}(\downarrow M2_{-7})^{1}} = (1) + \uparrow m6_{-24}(\downarrow M3_{+24})$

$12825 = 3^{3}\bullet 5^{2}\bullet 19^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1}} = (1) + \uparrow m6_{-24}(\downarrow M3_{+24})$

$12826 = 2^{1}\bullet 11^{2}\bullet 53^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{2} + \uparrow M6_{-26}(\downarrow m3_{+26})^{1}} = (1) + \uparrow m6_{-24}(\downarrow M3_{+24})$

$12827 = 101^{1}\bullet 127^{1} = \mathbf{(1) + \uparrow m6_{-10}(\downarrow M3_{+10})^{1} + \uparrow 8ve_{-14}(\downarrow uni_{+14})^{1}} = (1) + \uparrow m6_{-24}(\downarrow M3_{+24})$

$12828 = 2^{2}\bullet 3^{1}\bullet 1069^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m2_{-26}(\downarrow M7_{+26})^{1}} = (1) + \uparrow m6_{-24}(\downarrow M3_{+24})$

$12829 = 12829^{1} = \mathbf{(1) + \uparrow m6_{-23}(\downarrow M3_{+23})}$

$12830 = 2^{1}\bullet 5^{1}\bullet 1283^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M3_{-10}(\downarrow m6_{+10})^{1}} = (1) + \uparrow m6_{-23}(\downarrow M3_{+23})$

$12831 = 3^{1}\bullet 7^{1}\bullet 13^{1}\bullet 47^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow P5_{-34}(\downarrow P4_{+34})^{1}} =$

$(1) + \uparrow m6_{-23}(\downarrow M3_{+23})$

$12832 = 2^5 \bullet 401^1 = \mathbf{(1) + \updownarrow 8ve(uni)^5 + \uparrow m6_{-23}(\downarrow M3_{+23})^1} = (1) + \uparrow m6_{-23}(\downarrow M3_{+23})$

$12833 = 41^1 \bullet 313^1 = \mathbf{(1) + \uparrow M3_{+29}(\downarrow m6_{-29})^1 + \uparrow m3_{+48}(\downarrow M6_{-48})^1} = (1) + \uparrow m6_{-23}(\downarrow M3_{+23})$

$12834 = 2^1 \bullet 3^2 \bullet 23^1 \bullet 31^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow M7_{+45}(\downarrow m2_{-45})^1} = (1) + \uparrow m6_{-23}(\downarrow M3_{+23})$

$12835 = 5^1 \bullet 17^1 \bullet 151^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow m3_{-14}(\downarrow M6_{+14})^1} = (1) + \uparrow m6_{-23}(\downarrow M3_{+23})$

$12836 = 2^2 \bullet 3209^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m6_{-23}(\downarrow M3_{+23})^1} = (1) + \uparrow m6_{-23}(\downarrow M3_{+23})$

$12837 = 3^1 \bullet 11^1 \bullet 389^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow P5_{+24}(\downarrow P4_{-24})^1} = (1) + \uparrow m6_{-22}(\downarrow M3_{+22})$

$12838 = 2^1 \bullet 7^2 \bullet 131^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^2 + \uparrow uni_{+40}(\downarrow 8ve_{-40})^1} = (1) + \uparrow m6_{-22}(\downarrow M3_{+22})$

$12839 = 37^1 \bullet 347^1 = \mathbf{(1) + \uparrow m3_{-49}(\downarrow M6_{+49})^1 + \uparrow P4_{+27}(\downarrow P5_{-27})^1} = (1) + \uparrow m6_{-22}(\downarrow M3_{+22})$

$12840 = 2^3 \bullet 3^1 \bullet 5^1 \bullet 107^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M6_{-10}(\downarrow m3_{+10})^1} = (1) + \uparrow m6_{-22}(\downarrow M3_{+22})$

$12841 = 12841^1 = \mathbf{(1) + \uparrow m6_{-22}(\downarrow M3_{+22})}$

$12842 = 2^1 \bullet 6421^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m6_{-22}(\downarrow M3_{+22})^1} = (1) + \uparrow m6_{-22}(\downarrow M3_{+22})$

$12843 = 3^2 \bullet 1427^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow tt_{-25}(\downarrow tt_{+25})^1} = (1) + \uparrow m6_{-22}(\downarrow M3_{+22})$

$12844 = 2^2 \bullet 13^2 \bullet 19^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m6_{+41}(\downarrow M3_{-41})^2 + \uparrow m3_{-2}(\downarrow M6_{+2})^1} = (1) + \uparrow m6_{-21}(\downarrow M3_{+21})$

$12845 = 5^1 \bullet 7^1 \bullet 367^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow tt_{+24}(\downarrow tt_{-24})^1} = (1) + \uparrow m6_{-21}(\downarrow M3_{+21})$

$12846 = 2^1 \bullet 3^1 \bullet 2141^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m2_{-23}(\downarrow M7_{+23})^1} = (1) + \uparrow m6_{-21}(\downarrow M3_{+21})$

$12847 = 29^1 \bullet 443^1 = \mathbf{(1) + \uparrow m7_{+30}(\downarrow M2_{-30})^1 + \uparrow M6_{+49}(\downarrow m3_{-49})^1} = (1) + \uparrow m6_{-21}(\downarrow M3_{+21})$

$12848 = 2^4 \bullet 11^1 \bullet 73^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow M2_{+28}(\downarrow m7_{-28})^1} = (1) + \uparrow m6_{-21}(\downarrow M3_{+21})$

$12849 = 3^1 \bullet 4283^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m2_{-23}(\downarrow M7_{+23})^1} = (1) + \uparrow m6_{-21}(\downarrow M3_{+21})$

$12850 = 2^1 \bullet 5^2 \bullet 257^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow uni_{+7}(\downarrow 8ve_{-7})^1} = (1) + \uparrow m6_{-21}(\downarrow M3_{+21})$

$12851 = 71^1 \bullet 181^1 = \mathbf{(1) + \uparrow M2_{-20}(\downarrow m7_{+20})^1 + \uparrow tt_{+0}(\downarrow tt_{-0})^1} = (1) + \uparrow m6_{-20}(\downarrow M3_{+20})$

$12852 = 2^2 \bullet 3^3 \bullet 7^1 \bullet 17^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1} = (1) + \uparrow m6_{-20}(\downarrow M3_{+20})$

$12853 = 12853^1 = \mathbf{(1) + \uparrow m6_{-20}(\downarrow M3_{+20})}$

$12854 = 2^1 \bullet 6427^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m6_{-20}(\downarrow M3_{+20})^1} = (1) + \uparrow m6_{-20}(\downarrow M3_{+20})$

$12855 = 3^1 \bullet 5^1 \bullet 857^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M6_{-8}(\downarrow m3_{+8})^1} = (1) + \uparrow m6_{-20}(\downarrow M3_{+20})$

$12856 = 2^3 \bullet 1607^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow m6_{-20}(\downarrow M3_{+20})^1} = (1) + \uparrow m6_{-20}(\downarrow M3_{+20})$

$12857 = 13^1 \bullet 23^1 \bullet 43^1 = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow P4_{+12}(\downarrow P5_{-12})^1} = (1) + \uparrow m6_{-20}(\downarrow M3_{+20})$

$12858 = 2^1 \bullet 3^1 \bullet 2143^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m2_{-22}(\downarrow M7_{+22})^1} = (1) + \uparrow m6_{-20}(\downarrow M3_{+20})$

$12859 = 7^1 \bullet 11^1 \bullet 167^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow P4_{-40}(\downarrow P5_{+40})^1} = (1) + \uparrow m6_{-19}(\downarrow M3_{+19})$

$12860 = 2^2 \bullet 5^1 \bullet 643^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M3_{-6}(\downarrow m6_{+6})^1} = (1) + \uparrow m6_{-19}(\downarrow M3_{+19})$

$12861 = 3^2 \bullet 1429^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow tt_{-23}(\downarrow tt_{+23})^1} = (1) + \uparrow m6_{-19}(\downarrow M3_{+19})$

$12862 = 2^1 \bullet 59^1 \bullet 109^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M7_{-41}(\downarrow m2_{+41})^1 + \uparrow M6_{+22}(\downarrow m3_{-22})^1} = (1) + \uparrow m6_{-19}(\downarrow M3_{+19})$

$12863 = 19^1 \bullet 677^1 = \mathbf{(1) + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow P4_{-16}(\downarrow P5_{+16})^1} = (1) + \uparrow m6_{-19}(\downarrow M3_{+19})$

$12864 = 2^6 \bullet 3^1 \bullet 67^1 = \mathbf{(1) + \updownarrow 8ve(uni)^6 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m2_{-21}(\downarrow M7_{+21})^1} = (1) + \uparrow m6_{-19}(\downarrow M3_{+19})$

$12865 = 5^1 \bullet 31^1 \bullet 83^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M7_{+45}(\downarrow m2_{-45})^1 + \uparrow P4_{-50}(\downarrow P5_{+50})^1} = (1) + \uparrow m6_{-19}(\downarrow M3_{+19})$

$12866 = 2^1 \bullet 7^1 \bullet 919^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m7_{+13}(\downarrow M2_{-13})^1} = (1) + \uparrow m6_{-18}(\downarrow M3_{+18})$

$12867 = 3^1 \bullet 4289^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m2_{-20}(\downarrow M7_{+20})^1} = (1) + \uparrow m6_{-18}(\downarrow M3_{+18})$

$12868 = 2^2 \bullet 3217^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m6_{-18}(\downarrow M3_{+18})^1} = (1) + \uparrow m6_{-18}(\downarrow M3_{+18})$

$12869 = 17^1 \bullet 757^1 = \mathbf{(1) + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow P5_{-23}(\downarrow P4_{+23})^1} = (1) + \uparrow m6_{-18}(\downarrow M3_{+18})$

$12870 = 2^1 \bullet 3^2 \bullet 5^1 \bullet 11^1 \bullet 13^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1} =$

$(1) + \uparrow m6_{-18}(\downarrow M3_{+18})$

$12871 = 61^1 \bullet 211^1 = \mathbf{(1) + \uparrow M7_{+17}(\downarrow m2_{-17})^1 + \uparrow M6_{-35}(\downarrow m3_{+35})^1} = (1) + \uparrow m6_{-18}(\downarrow M3_{+18})$

$12872 = 2^{3}\bullet 1609^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow m6_{-18}(\downarrow M3_{+18})^{1}} = (1) + \uparrow m6_{-18}(\downarrow M3_{+18})$

$12873 = 3^{1}\bullet 7^{1}\bullet 613^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m3_{+12}(\downarrow M6_{-12})^{1}} = (1) + \uparrow m6_{-18}(\downarrow M3_{+18})$

$12874 = 2^{1}\bullet 41^{1}\bullet 157^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{+29}(\downarrow m6_{-29})^{1} + \uparrow M3_{-46}(\downarrow m6_{+46})^{1}} = (1) + \uparrow m6_{-17}(\downarrow M3_{+17})$

$12875 = 5^{3}\bullet 103^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{3} + \uparrow m6_{+24}(\downarrow M3_{-24})^{1}} = (1) + \uparrow m6_{-17}(\downarrow M3_{+17})$

$12876 = 2^{2}\bullet 3^{1}\bullet 29^{1}\bullet 37^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1} + \uparrow m3_{-49}(\downarrow M6_{+49})^{1}} = (1) + \uparrow m6_{-17}(\downarrow M3_{+17})$

$12877 = 79^{1}\bullet 163^{1} = \mathbf{(1) + \uparrow M3_{-35}(\downarrow m6_{+35})^{1} + \uparrow M3_{+18}(\downarrow m6_{-18})^{1}} = (1) + \uparrow m6_{-17}(\downarrow M3_{+17})$

$12878 = 2^{1}\bullet 47^{1}\bullet 137^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{-34}(\downarrow P4_{+34})^{1} + \uparrow m2_{+18}(\downarrow M7_{-18})^{1}} = (1) + \uparrow m6_{-17}(\downarrow M3_{+17})$

$12879 = 3^{5}\bullet 53^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{5} + \uparrow M6_{-26}(\downarrow m3_{+26})^{1}} = (1) + \uparrow m6_{-17}(\downarrow M3_{+17})$

$12880 = 2^{4}\bullet 5^{1}\bullet 7^{1}\bullet 23^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1}} = (1) + \uparrow m6_{-17}(\downarrow M3_{+17})$

$12881 = 11^{1}\bullet 1171^{1} = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow M2_{+32}(\downarrow m7_{-32})^{1}} = (1) + \uparrow m6_{-16}(\downarrow M3_{+16})$

$12882 = 2^{1}\bullet 3^{1}\bullet 19^{1}\bullet 113^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow m7_{-16}(\downarrow M2_{+16})^{1}} = (1) + \uparrow m6_{-16}(\downarrow M3_{+16})$

$12883 = 13^{1}\bullet 991^{1} = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow M7_{+43}(\downarrow m2_{-43})^{1}} = (1) + \uparrow m6_{-16}(\downarrow M3_{+16})$

$12884 = 2^{2}\bullet 3221^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m6_{-16}(\downarrow M3_{+16})^{1}} = (1) + \uparrow m6_{-16}(\downarrow M3_{+16})$

$12885 = 3^{1}\bullet 5^{1}\bullet 859^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M6_{-4}(\downarrow m3_{+4})^{1}} = (1) + \uparrow m6_{-16}(\downarrow M3_{+16})$

$12886 = 2^{1}\bullet 17^{1}\bullet 379^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow P5_{-21}(\downarrow P4_{+21})^{1}} = (1) + \uparrow m6_{-16}(\downarrow M3_{+16})$

$12887 = 7^{2}\bullet 263^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{2} + \uparrow uni_{+47}(\downarrow 8ve_{-47})^{1}} = (1) + \uparrow m6_{-16}(\downarrow M3_{+16})$

$12888 = 2^{3}\bullet 3^{2}\bullet 179^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow tt_{-19}(\downarrow tt_{+19})^{1}} = (1) + \uparrow m6_{-16}(\downarrow M3_{+16})$

$12889 = 12889^{1} = \mathbf{(1) + \uparrow m6_{-15}(\downarrow M3_{+15})}$

$12890 = 2^{1}\bullet 5^{1}\bullet 1289^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M3_{-2}(\downarrow m6_{+2})^{1}} = (1) + \uparrow m6_{-15}(\downarrow M3_{+15})$

$12891 = 3^{1}\bullet 4297^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m2_{-17}(\downarrow M7_{+17})^{1}} = (1) + \uparrow m6_{-15}(\downarrow M3_{+15})$

$12892 = 2^{2}\bullet 11^{1}\bullet 293^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow M2_{+34}(\downarrow m7_{-34})^{1}} = (1) + \uparrow m6_{-15}(\downarrow M3_{+15})$

$12893 = 12893^{1} = \mathbf{(1) + \uparrow m6_{-15}(\downarrow M3_{+15})}$

$12894 = 2^{1}\bullet 3^{1}\bullet 7^{1}\bullet 307^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m3_{+15}(\downarrow M6_{-15})^{1}} = (1) + \uparrow m6_{-15}(\downarrow M3_{+15})$

$12895 = 5^{1}\bullet 2579^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M3_{-1}(\downarrow m6_{+1})^{1}} = (1) + \uparrow m6_{-15}(\downarrow M3_{+15})$

$12896 = 2^{5}\bullet 13^{1}\bullet 31^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{5} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1}} = (1) + \uparrow m6_{-14}(\downarrow M3_{+14})$

$12897 = 3^{2}\bullet 1433^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow tt_{-18}(\downarrow tt_{+18})^{1}} = (1) + \uparrow m6_{-14}(\downarrow M3_{+14})$

$12898 = 2^{1}\bullet 6449^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m6_{-14}(\downarrow M3_{+14})^{1}} = (1) + \uparrow m6_{-14}(\downarrow M3_{+14})$

$12899 = 12899^{1} = \mathbf{(1) + \uparrow m6_{-14}(\downarrow M3_{+14})}$

$12900 = 2^{2}\bullet 3^{1}\bullet 5^{2}\bullet 43^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow P4_{+12}(\downarrow P5_{-12})^{1}} = (1) + \uparrow m6_{-14}(\downarrow M3_{+14})$

$12901 = 7^{1}\bullet 19^{1}\bullet 97^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow P5_{+20}(\downarrow P4_{-20})^{1}} = (1) + \uparrow m6_{-14}(\downarrow M3_{+14})$

$12902 = 2^{1}\bullet 6451^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m6_{-14}(\downarrow M3_{+14})^{1}} = (1) + \uparrow m6_{-14}(\downarrow M3_{+14})$

$12903 = 3^{1}\bullet 11^{1}\bullet 17^{1}\bullet 23^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1}} = (1) + \uparrow m6_{-13}(\downarrow M3_{+13})$

$12904 = 2^{3}\bullet 1613^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow m6_{-13}(\downarrow M3_{+13})^{1}} = (1) + \uparrow m6_{-13}(\downarrow M3_{+13})$

$12905 = 5^{1}\bullet 29^{1}\bullet 89^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1} + \uparrow tt_{-29}(\downarrow tt_{+29})^{1}} = (1) + \uparrow m6_{-13}(\downarrow M3_{+13})$

$12906 = 2^{1}\bullet 3^{3}\bullet 239^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow M7_{-19}(\downarrow m2_{+19})^{1}} = (1) + \uparrow m6_{-13}(\downarrow M3_{+13})$

$12907 = 12907^{1} = \mathbf{(1) + \uparrow m6_{-13}(\downarrow M3_{+13})}$

$12908 = 2^{2}\bullet 7^{1}\bullet 461^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m7_{+18}(\downarrow M2_{-18})^{1}} = (1) + \uparrow m6_{-13}(\downarrow M3_{+13})$

$12909 = 3^{1}\bullet 13^{1}\bullet 331^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow M3_{+45}(\downarrow m6_{-45})^{1}} = (1) + \uparrow m6_{-13}(\downarrow M3_{+13})$

$12910 = 2^{1}\bullet 5^{1}\bullet 1291^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M3_{+1}(\downarrow m6_{-1})^{1}} = (1) + \uparrow m6_{-13}(\downarrow M3_{+13})$

$12911 = 12911^{1} = \mathbf{(1) + \uparrow m6_{-12}(\downarrow M3_{+12})}$

$12912 = 2^{4}\bullet 3^{1}\bullet 269^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m2_{-14}(\downarrow M7_{+14})^{1}} = (1) + \uparrow m6_{-12}(\downarrow M3_{+12})$

$12913 = 37^{1}\bullet 349^{1} = \mathbf{(1) + \uparrow m3_{-49}(\downarrow M6_{+49})^{1} + \uparrow P4_{+36}(\downarrow P5_{-36})^{1}} = (1) + \uparrow m6_{-12}(\downarrow M3_{+12})$

$12914 = 2^{1}\bullet 11^{1}\bullet 587^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow M2_{+37}(\downarrow m7_{-37})^{1}} = (1) + \uparrow m6_{-12}(\downarrow M3_{+12})$

$12915 = 3^{2}\bullet 5^{1}\bullet 7^{1}\bullet 41^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M3_{+29}(\downarrow m6_{-29})^{1}} =$

$(1) + \uparrow m6_{-12}(\downarrow M3_{+12})$

$12916 = 2^{2}\bullet 3229^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m6_{-12}(\downarrow M3_{+12})^{1}} = (1) + \uparrow m6_{-12}(\downarrow M3_{+12})$

$12917 = 12917^{1} = \mathbf{(1) + \uparrow m6_{-12}(\downarrow M3_{+12})}$

$12918 = 2^{1}\bullet 3^{1}\bullet 2153^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m2_{-13}(\downarrow M7_{+13})^{1}} = (1) + \uparrow m6_{-11}(\downarrow M3_{+11})$

$12919 = 12919^{1} = \mathbf{(1) + \uparrow m6_{-11}(\downarrow M3_{+11})}$

$12920 = 2^{3}\bullet 5^{1}\bullet 17^{1}\bullet 19^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1}} = (1) + \uparrow m6_{-11}(\downarrow M3_{+11})$

$12921 = 3^{1}\bullet 59^{1}\bullet 73^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M7_{-41}(\downarrow m2_{+41})^{1} + \uparrow M2_{+28}(\downarrow m7_{-28})^{1}} = (1) + \uparrow m6_{-11}(\downarrow M3_{+11})$

$12922 = 2^{1}\bullet 7^{1}\bullet 13^{1}\bullet 71^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow M2_{-20}(\downarrow m7_{+20})^{1}} = (1) + \uparrow m6_{-11}(\downarrow M3_{+11})$

$12923 = 12923^{1} = \mathbf{(1) + \uparrow m6_{-11}(\downarrow M3_{+11})}$

$12924 = 2^{2}\bullet 3^{2}\bullet 359^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow tt_{-15}(\downarrow tt_{+15})^{1}} = (1) + \uparrow m6_{-11}(\downarrow M3_{+11})$

$12925 = 5^{2}\bullet 11^{1}\bullet 47^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow P5_{-34}(\downarrow P4_{+34})^{1}} = (1) + \uparrow m6_{-11}(\downarrow M3_{+11})$

$12926 = 2^{1}\bullet 23^{1}\bullet 281^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow M2_{-39}(\downarrow m7_{+39})^{1}} = (1) + \uparrow m6_{-10}(\downarrow M3_{+10})$

$12927 = 3^{1}\bullet 31^{1}\bullet 139^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1} + \uparrow m2_{+43}(\downarrow M7_{-43})^{1}} = (1) + \uparrow m6_{-10}(\downarrow M3_{+10})$

$12928 = 2^{7}\bullet 101^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{7} + \uparrow m6_{-10}(\downarrow M3_{+10})^{1}} = (1) + \uparrow m6_{-10}(\downarrow M3_{+10})$

$12929 = 7^{1}\bullet 1847^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m7_{+21}(\downarrow M2_{-21})^{1}} = (1) + \uparrow m6_{-10}(\downarrow M3_{+10})$

$12930 = 2^{1}\bullet 3^{1}\bullet 5^{1}\bullet 431^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M6_{+2}(\downarrow m3_{-2})^{1}} = (1) + \uparrow m6_{-10}(\downarrow M3_{+10})$

$12931 = 67^{1}\bullet 193^{1} = \mathbf{(1) + \uparrow m2_{-21}(\downarrow M7_{+21})^{1} + \uparrow P5_{+11}(\downarrow P4_{-11})^{1}} = (1) + \uparrow m6_{-10}(\downarrow M3_{+10})$

$12932 = 2^{2}\bullet 53^{1}\bullet 61^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M6_{-26}(\downarrow m3_{+26})^{1} + \uparrow M7_{+17}(\downarrow m2_{-17})^{1}} = (1) + \uparrow m6_{-10}(\downarrow M3_{+10})$

$12933 = 3^{3}\bullet 479^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow M7_{-15}(\downarrow m2_{+15})^{1}} = (1) + \uparrow m6_{-9}(\downarrow M3_{+9})$

$12934 = 2^{1}\bullet 29^{1}\bullet 223^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1} + \uparrow m7_{-39}(\downarrow M2_{+39})^{1}} = (1) + \uparrow m6_{-9}(\downarrow M3_{+9})$

$12935 = 5^{1}\bullet 13^{1}\bullet 199^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m6_{-36}(\downarrow M3_{+36})^{1}} = (1) + \uparrow m6_{-9}(\downarrow M3_{+9})$

$12936 = 2^{3}\bullet 3^{1}\bullet 7^{2}\bullet 11^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{2} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1}} = (1) + \uparrow m6_{-9}(\downarrow M3_{+9})$

$12937 = 17^{1}\bullet 761^{1} = \mathbf{(1) + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow P5_{-14}(\downarrow P4_{+14})^{1}} = (1) + \uparrow m6_{-9}(\downarrow M3_{+9})$

$12938 = 2^{1}\bullet 6469^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m6_{-9}(\downarrow M3_{+9})^{1}} = (1) + \uparrow m6_{-9}(\downarrow M3_{+9})$

$12939 = 3^{1}\bullet 19^{1}\bullet 227^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow m7_{-8}(\downarrow M2_{+8})^{1}} = (1) + \uparrow m6_{-9}(\downarrow M3_{+9})$

$12940 = 2^{2}\bullet 5^{1}\bullet 647^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M3_{+5}(\downarrow m6_{-5})^{1}} = (1) + \uparrow m6_{-9}(\downarrow M3_{+9})$

$12941 = 12941^{1} = \mathbf{(1) + \uparrow m6_{-8}(\downarrow M3_{+8})}$

$12942 = 2^{1}\bullet 3^{2}\bullet 719^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow tt_{-12}(\downarrow tt_{+12})^{1}} = (1) + \uparrow m6_{-8}(\downarrow M3_{+8})$

$12943 = 7^{1}\bullet 43^{2} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow P4_{+12}(\downarrow P5_{-12})^{2}} = (1) + \uparrow m6_{-8}(\downarrow M3_{+8})$

$12944 = 2^{4}\bullet 809^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow m6_{-8}(\downarrow M3_{+8})^{1}} = (1) + \uparrow m6_{-8}(\downarrow M3_{+8})$

$12945 = 3^{1}\bullet 5^{1}\bullet 863^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M6_{+4}(\downarrow m3_{-4})^{1}} = (1) + \uparrow m6_{-8}(\downarrow M3_{+8})$

$12946 = 2^{1}\bullet 6473^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m6_{-8}(\downarrow M3_{+8})^{1}} = (1) + \uparrow m6_{-8}(\downarrow M3_{+8})$

$12947 = 11^{2}\bullet 107^{1} = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^{2} + \uparrow M6_{-10}(\downarrow m3_{+10})^{1}} = (1) + \uparrow m6_{-8}(\downarrow M3_{+8})$

$12948 = 2^{2}\bullet 3^{1}\bullet 13^{1}\bullet 83^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow P4_{-50}(\downarrow P5_{+50})^{1}} = (1) + \uparrow m6_{-7}(\downarrow M3_{+7})$

$12949 = 23^{1}\bullet 563^{1} = \mathbf{(1) + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow M2_{-36}(\downarrow m7_{+36})^{1}} = (1) + \uparrow m6_{-7}(\downarrow M3_{+7})$

$12950 = 2^{1}\bullet 5^{2}\bullet 7^{1}\bullet 37^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m3_{-49}(\downarrow M6_{+49})^{1}} = (1) + \uparrow m6_{-7}(\downarrow M3_{+7})$

$12951 = 3^{2}\bullet 1439^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow tt_{-11}(\downarrow tt_{+11})^{1}} = (1) + \uparrow m6_{-7}(\downarrow M3_{+7})$

$12952 = 2^{3}\bullet 1619^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow m6_{-7}(\downarrow M3_{+7})^{1}} = (1) + \uparrow m6_{-7}(\downarrow M3_{+7})$

$12953 = 12953^{1} = \mathbf{(1) + \uparrow m6_{-7}(\downarrow M3_{+7})}$

$12954 = 2^{1}\bullet 3^{1}\bullet 17^{1}\bullet 127^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow 8ve_{-14}(\downarrow uni_{+14})^{1}} = (1) + \uparrow m6_{-7}(\downarrow M3_{+7})$

$12955 = 5^{1}\bullet 2591^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M3_{+7}(\downarrow m6_{-7})^{1}} = (1) + \uparrow m6_{-7}(\downarrow M3_{+7})$

$12956 = 2^{2}\bullet 41^{1}\bullet 79^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M3_{+29}(\downarrow m6_{-29})^{1} + \uparrow M3_{-35}(\downarrow m6_{+35})^{1}} = (1) + \uparrow m6_{-6}(\downarrow M3_{+6})$

$12957 = 3^{1}\bullet 7^{1}\bullet 617^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m3_{+23}(\downarrow M6_{-23})^{1}} = (1) + \uparrow m6_{-6}(\downarrow M3_{+6})$

$12958 = 2^{1}\bullet 11^{1}\bullet 19^{1}\bullet 31^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1}} = (1) + \uparrow m6_{-6}(\downarrow M3_{+6})$

$12959 = 12959^{1} = \mathbf{(1) + \uparrow m6_{-6}(\downarrow M3_{+6})}$

$12960 = 2^{5}\bullet 3^{4}\bullet 5^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{5} + \uparrow P5_{+2}(\downarrow P4_{-2})^{4} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1}} = (1) + \uparrow m6_{-6}(\downarrow M3_{+6})$

$12961 = 13^{1}\bullet 997^{1} = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow 8ve_{-46}(\downarrow uni_{+46})^{1}} = (1) + \uparrow m6_{-6}(\downarrow M3_{+6})$

$12962 = 2^{1}\bullet 6481^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m6_{-6}(\downarrow M3_{+6})^{1}} = (1) + \uparrow m6_{-6}(\downarrow M3_{+6})$

$12963 = 3^{1}\bullet 29^{1}\bullet 149^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1} + \uparrow m3_{-37}(\downarrow M6_{+37})^{1}} = (1) + \uparrow m6_{-5}(\downarrow M3_{+5})$

$12964 = 2^{2}\bullet 7^{1}\bullet 463^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m7_{+26}(\downarrow M2_{-26})^{1}} = (1) + \uparrow m6_{-5}(\downarrow M3_{+5})$

$12965 = 5^{1}\bullet 2593^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M3_{+8}(\downarrow m6_{-8})^{1}} = (1) + \uparrow m6_{-5}(\downarrow M3_{+5})$

$12966 = 2^{1}\bullet 3^{1}\bullet 2161^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m2_{-7}(\downarrow M7_{+7})^{1}} = (1) + \uparrow m6_{-5}(\downarrow M3_{+5})$

$12967 = 12967^{1} = \mathbf{(1) + \uparrow m6_{-5}(\downarrow M3_{+5})}$

$12968 = 2^{3}\bullet 1621^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow m6_{-5}(\downarrow M3_{+5})^{1}} = (1) + \uparrow m6_{-5}(\downarrow M3_{+5})$

$12969 = 3^{2}\bullet 11^{1}\bullet 131^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow uni_{+40}(\downarrow 8ve_{-40})^{1}} = (1) + \uparrow m6_{-5}(\downarrow M3_{+5})$

$12970 = 2^{1}\bullet 5^{1}\bullet 1297^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M3_{+9}(\downarrow m6_{-9})^{1}} = (1) + \uparrow m6_{-5}(\downarrow M3_{+5})$

$12971 = 7^{1}\bullet 17^{1}\bullet 109^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow M6_{+22}(\downarrow m3_{-22})^{1}} = (1) + \uparrow m6_{-4}(\downarrow M3_{+4})$

$12972 = 2^{2}\bullet 3^{1}\bullet 23^{1}\bullet 47^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow P5_{-34}(\downarrow P4_{+34})^{1}} = (1) + \uparrow m6_{-4}(\downarrow M3_{+4})$

$12973 = 12973^{1} = \mathbf{(1) + \uparrow m6_{-4}(\downarrow M3_{+4})}$

$12974 = 2^{1}\bullet 13^{1}\bullet 499^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow 8ve_{-45}(\downarrow uni_{+45})^{1}} = (1) + \uparrow m6_{-4}(\downarrow M3_{+4})$

$12975 = 3^{1}\bullet 5^{2}\bullet 173^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow P4_{+22}(\downarrow P5_{-22})^{1}} = (1) + \uparrow m6_{-4}(\downarrow M3_{+4})$

$12976 = 2^{4}\bullet 811^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow m6_{-4}(\downarrow M3_{+4})^{1}} = (1) + \uparrow m6_{-4}(\downarrow M3_{+4})$

$12977 = 19^{1}\bullet 683^{1} = \mathbf{(1) + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow P4_{-1}(\downarrow P5_{+1})^{1}} = (1) + \uparrow m6_{-4}(\downarrow M3_{+4})$

$12978 = 2^{1}\bullet 3^{2}\bullet 7^{1}\bullet 103^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m6_{+24}(\downarrow M3_{-24})^{1}} = (1) + \uparrow m6_{-3}(\downarrow M3_{+3})$

$12979 = 12979^{1} = \mathbf{(1) + \uparrow m6_{-3}(\downarrow M3_{+3})}$

$12980 = 2^{2}\bullet 5^{1}\bullet 11^{1}\bullet 59^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow M7_{-41}(\downarrow m2_{+41})^{1}} = (1) + \uparrow m6_{-3}(\downarrow M3_{+3})$

$12981 = 3^{1}\bullet 4327^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m2_{-5}(\downarrow M7_{+5})^{1}} = (1) + \uparrow m6_{-3}(\downarrow M3_{+3})$

$12982 = 2^{1}\bullet 6491^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m6_{-3}(\downarrow M3_{+3})^{1}} = (1) + \uparrow m6_{-3}(\downarrow M3_{+3})$

$12983 = 12983^{1} = \mathbf{(1) + \uparrow m6_{-3}(\downarrow M3_{+3})}$

$12984 = 2^{3}\bullet 3^{1}\bullet 541^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m2_{-5}(\downarrow M7_{+5})^{1}} = (1) + \uparrow m6_{-3}(\downarrow M3_{+3})$

$12985 = 5^{1}\bullet 7^{2}\bullet 53^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{2} + \uparrow M6_{-26}(\downarrow m3_{+26})^{1}} = (1) + \uparrow m6_{-3}(\downarrow M3_{+3})$

$12986 = 2^{1}\bullet 43^{1}\bullet 151^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P4_{+12}(\downarrow P5_{-12})^{1} + \uparrow m3_{-14}(\downarrow M6_{+14})^{1}} = (1) + \uparrow m6_{-2}(\downarrow M3_{+2})$

$12987 = 3^{3}\bullet 13^{1}\bullet 37^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m3_{-49}(\downarrow M6_{+49})^{1}} = (1) + \uparrow m6_{-2}(\downarrow M3_{+2})$

$12988 = 2^{2}\bullet 17^{1}\bullet 191^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow P5_{-7}(\downarrow P4_{+7})^{1}} = (1) + \uparrow m6_{-2}(\downarrow M3_{+2})$

$12989 = 31^{1}\bullet 419^{1} = \mathbf{(1) + \uparrow M7_{+45}(\downarrow m2_{-45})^{1} + \uparrow M6_{-47}(\downarrow m3_{+47})^{1}} = (1) + \uparrow m6_{-2}(\downarrow M3_{+2})$

$12990 = 2^{1}\bullet 3^{1}\bullet 5^{1}\bullet 433^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M6_{+10}(\downarrow m3_{-10})^{1}} = (1) + \uparrow m6_{-2}(\downarrow M3_{+2})$

$12991 = 11^{1}\bullet 1181^{1} = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow M2_{+47}(\downarrow m7_{-47})^{1}} = (1) + \uparrow m6_{-2}(\downarrow M3_{+2})$

$12992 = 2^{6}\bullet 7^{1}\bullet 29^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{6} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1}} = (1) + \uparrow m6_{-2}(\downarrow M3_{+2})$

$12993 = 3^{1}\bullet 61^{1}\bullet 71^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M7_{+17}(\downarrow m2_{-17})^{1} + \uparrow M2_{-20}(\downarrow m7_{+20})^{1}} = (1) + \uparrow m6_{-1}(\downarrow M3_{+1})$

$12994 = 2^{1}\bullet 73^{1}\bullet 89^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M2_{+28}(\downarrow m7_{-28})^{1} + \uparrow tt_{-29}(\downarrow tt_{+29})^{1}} = (1) + \uparrow m6_{-1}(\downarrow M3_{+1})$

$12995 = 5^{1}\bullet 23^{1}\bullet 113^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow m7_{-16}(\downarrow M2_{+16})^{1}} = (1) + \uparrow m6_{-1}(\downarrow M3_{+1})$

$12996 = 2^{2}\bullet 3^{2}\bullet 19^{2} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m3_{-2}(\downarrow M6_{+2})^{2}} = (1) + \uparrow m6_{-1}(\downarrow M3_{+1})$

$12997 = 41^{1}\bullet 317^{1} = \mathbf{(1) + \uparrow M3_{+29}(\downarrow m6_{-29})^{1} + \uparrow M3_{-30}(\downarrow m6_{+30})^{1}} = (1) + \uparrow m6_{-1}(\downarrow M3_{+1})$

$12998 = 2^{1}\bullet 67^{1}\bullet 97^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m2_{-21}(\downarrow M7_{+21})^{1} + \uparrow P5_{+20}(\downarrow P4_{-20})^{1}} = (1) + \uparrow m6_{-1}(\downarrow M3_{+1})$

$12999 = 3^{1}\bullet 7^{1}\bullet 619^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m3_{+29}(\downarrow M6_{-29})^{1}} = (1) + \uparrow m6_{-1}(\downarrow M3_{+1})$

$13000 = 2^{3}\bullet 5^{3}\bullet 13^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow M3_{-14}(\downarrow m6_{+14})^{3} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1}} = (1) + \uparrow m6_{-1}(\downarrow M3_{+1})$

$13001 = 13001^{1} = \mathbf{(1) + \uparrow m6_{+0}(\downarrow M3_{-0})}$

$13002 = 2^{1}\bullet 3^{1}\bullet 11^{1}\bullet 197^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow P5_{+46}(\downarrow P4_{-46})^{1}} = (1) + \uparrow m6_{+0}(\downarrow M3_{-0})$

$13003 = 13003^{1} = \mathbf{(1) + \uparrow m6_{+0}(\downarrow M3_{-0})}$

$13004 = 2^{2}\bullet 3251^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m6_{+0}(\downarrow M3_{-0})^{1}} = (1) + \uparrow m6_{+0}(\downarrow M3_{-0})$

$13005 = 3^{2}\bullet 5^{1}\bullet 17^{2} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{2}} = (1) + \uparrow m6_{+0}(\downarrow M3_{-0})$

$13006 = 2^{1}\bullet 7^{1}\bullet 929^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m7_{+31}(\downarrow M2_{-31})^{1}} = (1) + \uparrow m6_{+0}(\downarrow M3_{-0})$

$13007 = 13007^{1} = \mathbf{(1) + \uparrow m6_{+0}(\downarrow M3_{-0})}$

$13008 = 2^{4}\bullet 3^{1}\bullet 271^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m2_{-1}(\downarrow M7_{+1})^{1}} = (1) + \uparrow m6_{+1}(\downarrow M3_{-1})$

$13009 = 13009^{1} = \mathbf{(1) + \uparrow m6_{+1}(\downarrow M3_{-1})}$

$13010 = 2^{1}\bullet 5^{1}\bullet 1301^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M3_{+14}(\downarrow m6_{-14})^{1}} = (1) + \uparrow m6_{+1}(\downarrow M3_{-1})$

$13011 = 3^{1}\bullet 4337^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m2_{-1}(\downarrow M7_{+1})^{1}} = (1) + \uparrow m6_{+1}(\downarrow M3_{-1})$

$13012 = 2^{2}\bullet 3253^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m6_{+1}(\downarrow M3_{-1})^{1}} = (1) + \uparrow m6_{+1}(\downarrow M3_{-1})$

$13013 = 7^{1}\bullet 11^{1}\bullet 13^{2} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{2}} = (1) + \uparrow m6_{+1}(\downarrow M3_{-1})$

$13014 = 2^{1}\bullet 3^{3}\bullet 241^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow M7_{-5}(\downarrow m2_{+5})^{1}} = (1) + \uparrow m6_{+1}(\downarrow M3_{-1})$

$13015 = 5^{1}\bullet 19^{1}\bullet 137^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow m2_{+18}(\downarrow M7_{-18})^{1}} = (1) + \uparrow m6_{+1}(\downarrow M3_{-1})$

$13016 = 2^{3}\bullet 1627^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow m6_{+2}(\downarrow M3_{-2})^{1}} = (1) + \uparrow m6_{+2}(\downarrow M3_{-2})$

$13017 = 3^{1}\bullet 4339^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m2_{+0}(\downarrow M7_{-0})^{1}} = (1) + \uparrow m6_{+2}(\downarrow M3_{-2})$

$13018 = 2^{1}\bullet 23^{1}\bullet 283^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow M2_{-26}(\downarrow m7_{+26})^{1}} = (1) + \uparrow m6_{+2}(\downarrow M3_{-2})$

$13019 = 47^{1}\bullet 277^{1} = \mathbf{(1) + \uparrow P5_{-34}(\downarrow P4_{+34})^{1} + \uparrow m2_{+36}(\downarrow M7_{-36})^{1}} = (1) + \uparrow m6_{+2}(\downarrow M3_{-2})$

$13020 = 2^{2}\bullet 3^{1}\bullet 5^{1}\bullet 7^{1}\bullet 31^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1}} =$

$(1) + \uparrow m6_{+2}(\downarrow M3_{-2})$

$13021 = 29^{1}\bullet 449^{1} = \mathbf{(1) + \uparrow m7_{+30}(\downarrow M2_{-30})^{1} + \uparrow m7_{-27}(\downarrow M2_{+27})^{1}} = (1) + \uparrow m6_{+2}(\downarrow M3_{-2})$

$13022 = 2^{1}\bullet 17^{1}\bullet 383^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow P5_{-3}(\downarrow P4_{+3})^{1}} = (1) + \uparrow m6_{+2}(\downarrow M3_{-2})$

$13023 = 3^{2}\bullet 1447^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow tt_{-1}(\downarrow tt_{+1})^{1}} = (1) + \uparrow m6_{+3}(\downarrow M3_{-3})$

$13024 = 2^{5}\bullet 11^{1}\bullet 37^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{5} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m3_{-49}(\downarrow M6_{+49})^{1}} = (1) + \uparrow m6_{+3}(\downarrow M3_{-3})$

$13025 = 5^{2}\bullet 521^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow uni_{+30}(\downarrow 8ve_{-30})^{1}} = (1) + \uparrow m6_{+3}(\downarrow M3_{-3})$

$13026 = 2^{1}\bullet 3^{1}\bullet 13^{1}\bullet 167^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow P4_{-40}(\downarrow P5_{+40})^{1}} = (1) + \uparrow m6_{+3}(\downarrow M3_{-3})$

$13027 = 7^{1}\bullet 1861^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m7_{+34}(\downarrow M2_{-34})^{1}} = (1) + \uparrow m6_{+3}(\downarrow M3_{-3})$

$13028 = 2^{2}\bullet 3257^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m6_{+3}(\downarrow M3_{-3})^{1}} = (1) + \uparrow m6_{+3}(\downarrow M3_{-3})$

$13029 = 3^{1}\bullet 43^{1}\bullet 101^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow P4_{+12}(\downarrow P5_{-12})^{1} + \uparrow m6_{-10}(\downarrow M3_{+10})^{1}} = (1) + \uparrow m6_{+3}(\downarrow M3_{-3})$

$13030 = 2^{1}\bullet 5^{1}\bullet 1303^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M3_{+17}(\downarrow m6_{-17})^{1}} = (1) + \uparrow m6_{+3}(\downarrow M3_{-3})$

$13031 = 83^{1}\bullet 157^{1} = \mathbf{(1) + \uparrow P4_{-50}(\downarrow P5_{+50})^{1} + \uparrow M3_{-46}(\downarrow m6_{+46})^{1}} = (1) + \uparrow m6_{+4}(\downarrow M3_{-4})$

$13032 = 2^{3}\bullet 3^{2}\bullet 181^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow tt_{+0}(\downarrow tt_{-0})^{1}} = (1) + \uparrow m6_{+4}(\downarrow M3_{-4})$

$13033 = 13033^{1} = \mathbf{(1) + \uparrow m6_{+4}(\downarrow M3_{-4})}$

$13034 = 2^{1}\bullet 7^{3}\bullet 19^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{3} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1}} = (1) + \uparrow m6_{+4}(\downarrow M3_{-4})$

$13035 = 3^{1}\bullet 5^{1}\bullet 11^{1}\bullet 79^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow M3_{-35}(\downarrow m6_{+35})^{1}} = (1) + \uparrow m6_{+4}(\downarrow M3_{-4})$

$13036 = 2^{2}\bullet 3259^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m6_{+4}(\downarrow M3_{-4})^{1}} = (1) + \uparrow m6_{+4}(\downarrow M3_{-4})$

$13037 = 13037^{1} = \mathbf{(1) + \uparrow m6_{+4}(\downarrow M3_{-4})}$

$13038 = 2^{1}\bullet 3^{1}\bullet 41^{1}\bullet 53^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{+29}(\downarrow m6_{-29})^{1} + \uparrow M6_{-26}(\downarrow m3_{+26})^{1}} = (1) + \uparrow m6_{+5}(\downarrow M3_{-5})$

$13039 = 13^{1}\bullet 17^{1}\bullet 59^{1} = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow M7_{-41}(\downarrow m2_{+41})^{1}} = (1) + \uparrow m6_{+5}(\downarrow M3_{-5})$

$13040 = 2^{4}\bullet 5^{1}\bullet 163^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M3_{+18}(\downarrow m6_{-18})^{1}} = (1) + \uparrow m6_{+5}(\downarrow M3_{-5})$

$13041 = 3^{4}\bullet 7^{1}\bullet 23^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{4} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1}} = (1) + \uparrow m6_{+5}(\downarrow M3_{-5})$

$13042 = 2^{1}\bullet 6521^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m6_{+5}(\downarrow M3_{-5})^{1}} = (1) + \uparrow m6_{+5}(\downarrow M3_{-5})$

$13043 = 13043^{1} = \mathbf{(1) + \uparrow m6_{+5}(\downarrow M3_{-5})}$

$13044 = 2^{2}\bullet 3^{1}\bullet 1087^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m2_{+3}(\downarrow M7_{-3})^{1}} = (1) + \uparrow m6_{+5}(\downarrow M3_{-5})$

$13045 = 5^{1}\bullet 2609^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M3_{+19}(\downarrow m6_{-19})^{1}} = (1) + \uparrow m6_{+5}(\downarrow M3_{-5})$

$13046 = 2^{1}\bullet 11^{1}\bullet 593^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m3_{-46}(\downarrow M6_{+46})^{1}} = (1) + \uparrow m6_{+6}(\downarrow M3_{-6})$

$13047 = 3^{1}\bullet 4349^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m2_{+4}(\downarrow M7_{-4})^{1}} = (1) + \uparrow m6_{+6}(\downarrow M3_{-6})$

$13048 = 2^{3}\bullet 7^{1}\bullet 233^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m7_{+37}(\downarrow M2_{-37})^{1}} = (1) + \uparrow m6_{+6}(\downarrow M3_{-6})$

$13049 = 13049^{1} = \mathbf{(1) + \uparrow m6_{+6}(\downarrow M3_{-6})}$

$13050 = 2^{1}\bullet 3^{2}\bullet 5^{2}\bullet 29^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1}} = (1) + \uparrow m6_{+6}(\downarrow M3_{-6})$

$13051 = 31^{1}\bullet 421^{1} = \mathbf{(1) + \uparrow M7_{+45}(\downarrow m2_{-45})^{1} + \uparrow M6_{-39}(\downarrow m3_{+39})^{1}} = (1) + \uparrow m6_{+6}(\downarrow M3_{-6})$

$13052 = 2^{2}\bullet 13^{1}\bullet 251^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \updownarrow 8ve_{-34}(\downarrow uni_{+34})^{1}} = (1) + \uparrow m6_{+6}(\downarrow M3_{-6})$

$13053 = 3^{1}\bullet 19^{1}\bullet 229^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow m7_{+7}(\downarrow M2_{-7})^{1}} = (1) + \uparrow m6_{+7}(\downarrow M3_{-7})$

$13054 = 2^{1}\bullet 61^{1}\bullet 107^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M7_{+17}(\downarrow m2_{-17})^{1} + \uparrow M6_{-10}(\downarrow m3_{+10})^{1}} = (1) + \uparrow m6_{+7}(\downarrow M3_{-7})$

$13055 = 5^{1}\bullet 7^{1}\bullet 373^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow P5_{-48}(\downarrow P4_{+48})^{1}} = (1) + \uparrow m6_{+7}(\downarrow M3_{-7})$

$13056 = 2^{8}\bullet 3^{1}\bullet 17^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{8} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1}} = (1) + \uparrow m6_{+7}(\downarrow M3_{-7})$

$13057 = 11^{1}\bullet 1187^{1} = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m3_{-44}(\downarrow M6_{+44})^{1}} = (1) + \uparrow m6_{+7}(\downarrow M3_{-7})$

$13058 = 2^{1}\bullet 6529^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m6_{+7}(\downarrow M3_{-7})^{1}} = (1) + \uparrow m6_{+7}(\downarrow M3_{-7})$

$13059 = 3^{2}\bullet 1451^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow tt_{+3}(\downarrow tt_{-3})^{1}} = (1) + \uparrow m6_{+7}(\downarrow M3_{-7})$

$13060 = 2^{2}\bullet 5^{1}\bullet 653^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M3_{+21}(\downarrow m6_{-21})^{1}} = (1) + \uparrow m6_{+7}(\downarrow M3_{-7})$

$13061 = 37^{1}\bullet 353^{1} = \mathbf{(1) + \uparrow m3_{-49}(\downarrow M6_{+49})^{1} + \uparrow tt_{-44}(\downarrow tt_{+44})^{1}} = (1) + \uparrow m6_{+8}(\downarrow M3_{-8})$

$13062 = 2^{1}\bullet 3^{1}\bullet 7^{1}\bullet 311^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m3_{+37}(\downarrow M6_{-37})^{1}} = (1) + \uparrow m6_{+8}(\downarrow M3_{-8})$

$13063 = 13063^{1} = \mathbf{(1) + \uparrow m6_{+8}(\downarrow M3_{-8})}$

$13064 = 2^{3}\bullet 23^{1}\bullet 71^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow M2_{-20}(\downarrow m7_{+20})^{1}} = (1) + \uparrow m6_{+8}(\downarrow M3_{-8})$

$13065 = 3^{1}\bullet 5^{1}\bullet 13^{1}\bullet 67^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m2_{-21}(\downarrow M7_{+21})^{1}} = (1) + \uparrow m6_{+8}(\downarrow M3_{-8})$

$13066 = 2^{1}\bullet 47^{1}\bullet 139^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{-34}(\downarrow P4_{+34})^{1} + \uparrow m2_{+43}(\downarrow M7_{-43})^{1}} = (1) + \uparrow m6_{+8}(\downarrow M3_{-8})$

$13067 = 73^{1}\bullet 179^{1} = \mathbf{(1) + \uparrow M2_{+28}(\downarrow m7_{-28})^{1} + \uparrow tt_{-19}(\downarrow tt_{+19})^{1}} = (1) + \uparrow m6_{+8}(\downarrow M3_{-8})$

$13068 = 2^{2}\bullet 3^{3}\bullet 11^{2} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow tt_{-49}(\downarrow tt_{+49})^{2}} = (1) + \uparrow m6_{+9}(\downarrow M3_{-9})$

$13069 = 7^{1}\bullet 1867^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m7_{+40}(\downarrow M2_{-40})^{1}} = (1) + \uparrow m6_{+9}(\downarrow M3_{-9})$

$13070 = 2^{1}\bullet 5^{1}\bullet 1307^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M3_{+22}(\downarrow m6_{-22})^{1}} = (1) + \uparrow m6_{+9}(\downarrow M3_{-9})$

$13071 = 3^{1}\bullet 4357^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m2_{+7}(\downarrow M7_{-7})^{1}} = (1) + \uparrow m6_{+9}(\downarrow M3_{-9})$

$13072 = 2^{4}\bullet 19^{1}\bullet 43^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow P4_{+12}(\downarrow P5_{-12})^{1}} = (1) + \uparrow m6_{+9}(\downarrow M3_{-9})$

$13073 = 17^{1}\bullet 769^{1} = \mathbf{(1) + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow P5_{+4}(\downarrow P4_{-4})^{1}} = (1) + \uparrow m6_{+9}(\downarrow M3_{-9})$

$13074 = 2^{1}\bullet 3^{1}\bullet 2179^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m2_{+7}(\downarrow M7_{-7})^{1}} = (1) + \uparrow m6_{+9}(\downarrow M3_{-9})$

$13075 = 5^{2}\bullet 523^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow uni_{+37}(\downarrow 8ve_{-37})^{1}} = (1) + \uparrow m6_{+9}(\downarrow M3_{-9})$

$13076 = 2^{2}\bullet 7^{1}\bullet 467^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m7_{+41}(\downarrow M2_{-41})^{1}} = (1) + \uparrow m6_{+10}(\downarrow M3_{-10})$

$13077 = 3^{2}\bullet 1453^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow tt_{+6}(\downarrow tt_{-6})^{1}} = (1) + \uparrow m6_{+10}(\downarrow M3_{-10})$

$13078 = 2^{1}\bullet 13^{1}\bullet 503^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \updownarrow 8ve_{-31}(\downarrow uni_{+31})^{1}} = (1) + \uparrow m6_{+10}(\downarrow M3_{-10})$

$13079 = 11^{1}\bullet 29^{1}\bullet 41^{1} = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1} + \uparrow M3_{+29}(\downarrow m6_{-29})^{1}} = (1) + \uparrow m6_{+10}(\downarrow M3_{-10})$

$13080 = 2^3 \bullet 3^1 \bullet 5^1 \bullet 109^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M6_{+22}(\downarrow m3_{-22})^1} = (1) + \uparrow m6_{+10}(\downarrow M3_{-10})$

$13081 = 103^1 \bullet 127^1 = \mathbf{(1) + \uparrow m6_{+24}(\downarrow M3_{-24})^1 + \uparrow 8ve_{-14}(\downarrow uni_{+14})^1} = (1) + \uparrow m6_{+10}(\downarrow M3_{-10})$

$13082 = 2^1 \bullet 31^1 \bullet 211^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M7_{+45}(\downarrow m2_{-45})^1 + \uparrow M6_{-35}(\downarrow m3_{+35})^1} = (1) + \uparrow m6_{+10}(\downarrow M3_{-10})$

$13083 = 3^1 \bullet 7^2 \bullet 89^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^2 + \uparrow tt_{-29}(\downarrow tt_{+29})^1} = (1) + \uparrow m6_{+10}(\downarrow M3_{-10})$

$13084 = 2^2 \bullet 3271^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m6_{+11}(\downarrow M3_{-11})^1} = (1) + \uparrow m6_{+11}(\downarrow M3_{-11})$

$13085 = 5^1 \bullet 2617^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M3_{+24}(\downarrow m6_{-24})^1} = (1) + \uparrow m6_{+11}(\downarrow M3_{-11})$

$13086 = 2^1 \bullet 3^2 \bullet 727^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow tt_{+7}(\downarrow tt_{-7})^1} = (1) + \uparrow m6_{+11}(\downarrow M3_{-11})$

$13087 = 23^1 \bullet 569^1 = \mathbf{(1) + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow M2_{-17}(\downarrow m7_{+17})^1} = (1) + \uparrow m6_{+11}(\downarrow M3_{-11})$

$13088 = 2^5 \bullet 409^1 = \mathbf{(1) + \updownarrow 8ve(uni)^5 + \uparrow m6_{+11}(\downarrow M3_{-11})^1} = (1) + \uparrow m6_{+11}(\downarrow M3_{-11})$

$13089 = 3^1 \bullet 4363^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m2_{+9}(\downarrow M7_{-9})^1} = (1) + \uparrow m6_{+11}(\downarrow M3_{-11})$

$13090 = 2^1 \bullet 5^1 \bullet 7^1 \bullet 11^1 \bullet 17^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1} =$
$(1) + \uparrow m6_{+11}(\downarrow M3_{-11})$

$13091 = 13^1 \bullet 19^1 \bullet 53^1 = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow M6_{-26}(\downarrow m3_{+26})^1} = (1) + \uparrow m6_{+12}(\downarrow M3_{-12})$

$13092 = 2^2 \bullet 3^1 \bullet 1091^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m2_{+10}(\downarrow M7_{-10})^1} = (1) + \uparrow m6_{+12}(\downarrow M3_{-12})$

$13093 = 13093^1 = \mathbf{(1) + \uparrow m6_{+12}(\downarrow M3_{-12})}$

$13094 = 2^1 \bullet 6547^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m6_{+12}(\downarrow M3_{-12})^1} = (1) + \uparrow m6_{+12}(\downarrow M3_{-12})$

$13095 = 3^3 \bullet 5^1 \bullet 97^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow P5_{+20}(\downarrow P4_{-20})^1} = (1) + \uparrow m6_{+12}(\downarrow M3_{-12})$

$13096 = 2^3 \bullet 1637^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow m6_{+12}(\downarrow M3_{-12})^1} = (1) + \uparrow m6_{+12}(\downarrow M3_{-12})$

$13097 = 7^1 \bullet 1871^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m7_{+44}(\downarrow M2_{-44})^1} = (1) + \uparrow m6_{+12}(\downarrow M3_{-12})$

$13098 = 2^1 \bullet 3^1 \bullet 37^1 \bullet 59^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m3_{-49}(\downarrow M6_{+49})^1 + \uparrow M7_{-41}(\downarrow m2_{+41})^1} = (1) + \uparrow m6_{+12}(\downarrow M3_{-12})$

$13099 = 13099^1 = \mathbf{(1) + \uparrow m6_{+13}(\downarrow M3_{-13})}$

$13100 = 2^2 \bullet 5^2 \bullet 131^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow uni_{+40}(\downarrow 8ve_{-40})^1} = (1) + \uparrow m6_{+13}(\downarrow M3_{-13})$

$13101 = 3^1 \bullet 11^1 \bullet 397^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m6_{-40}(\downarrow M3_{+40})^1} = (1) + \uparrow m6_{+13}(\downarrow M3_{-13})$

$13102 = 2^1 \bullet 6551^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m6_{+13}(\downarrow M3_{-13})^1} = (1) + \uparrow m6_{+13}(\downarrow M3_{-13})$

$13103 = 13103^1 = \mathbf{(1) + \uparrow m6_{+13}(\downarrow M3_{-13})}$

$13104 = 2^4 \bullet 3^2 \bullet 7^1 \bullet 13^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1} = (1) + \uparrow m6_{+13}(\downarrow M3_{-13})$

$13105 = 5^1 \bullet 2621^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M3_{+27}(\downarrow m6_{-27})^1} = (1) + \uparrow m6_{+13}(\downarrow M3_{-13})$

$13106 = 2^1 \bullet 6553^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m6_{+14}(\downarrow M3_{-14})^1} = (1) + \uparrow m6_{+14}(\downarrow M3_{-14})$

$13107 = 3^1 \bullet 17^1 \bullet 257^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow uni_{+7}(\downarrow 8ve_{-7})^1} = (1) + \uparrow m6_{+14}(\downarrow M3_{-14})$

$13108 = 2^2 \bullet 29^1 \bullet 113^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m7_{+30}(\downarrow M2_{-30})^1 + \uparrow m7_{-16}(\downarrow M2_{+16})^1} = (1) + \uparrow m6_{+14}(\downarrow M3_{-14})$

$13109 = 13109^1 = \mathbf{(1) + \uparrow m6_{+14}(\downarrow M3_{-14})}$

$13110 = 2^1 \bullet 3^1 \bullet 5^1 \bullet 19^1 \bullet 23^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1} =$
$(1) + \uparrow m6_{+14}(\downarrow M3_{-14})$

$13111 = 7^1 \bullet 1873^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m7_{+45}(\downarrow M2_{-45})^1} = (1) + \uparrow m6_{+14}(\downarrow M3_{-14})$

$13112 = 2^3 \bullet 11^1 \bullet 149^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m3_{-37}(\downarrow M6_{+37})^1} = (1) + \uparrow m6_{+14}(\downarrow M3_{-14})$

$13113 = 3^2 \bullet 31^1 \bullet 47^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M7_{+45}(\downarrow m2_{-45})^1 + \uparrow P5_{-34}(\downarrow P4_{+34})^1} = (1) + \uparrow m6_{+14}(\downarrow M3_{-14})$

$13114 = 2^1 \bullet 79^1 \bullet 83^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-35}(\downarrow m6_{+35})^1 + \uparrow P4_{-50}(\downarrow P5_{+50})^1} = (1) + \uparrow m6_{+15}(\downarrow M3_{-15})$

$13115 = 5^1 \bullet 43^1 \bullet 61^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow P4_{+12}(\downarrow P5_{-12})^1 + \uparrow M7_{+17}(\downarrow m2_{-17})^1} = (1) + \uparrow m6_{+15}(\downarrow M3_{-15})$

$13116 = 2^2 \bullet 3^1 \bullet 1093^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m2_{+13}(\downarrow M7_{-13})^1} = (1) + \uparrow m6_{+15}(\downarrow M3_{-15})$

$13117 = 13^1 \bullet 1009^1 = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow 8ve_{-26}(\downarrow uni_{+26})^1} = (1) + \uparrow m6_{+15}(\downarrow M3_{-15})$

$13118 = 2^1 \bullet 7^1 \bullet 937^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m7_{+46}(\downarrow M2_{-46})^1} = (1) + \uparrow m6_{+15}(\downarrow M3_{-15})$

$13119 = 3^1 \bullet 4373^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m2_{+13}(\downarrow M7_{-13})^1} = (1) + \uparrow m6_{+15}(\downarrow M3_{-15})$

$13120 = 2^{6}\bullet5^{1}\bullet41^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{6} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M3_{+29}(\downarrow m6_{-29})^{1}} = (1) + \uparrow m6_{+15}(\downarrow M3_{-15})$

$13121 = 13121^{1} = \mathbf{(1) + \uparrow m6_{+16}(\downarrow M3_{-16})}$

$13122 = 2^{1}\bullet3^{8} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{8}} = (1) + \uparrow m6_{+16}(\downarrow M3_{-16})$

$13123 = 11^{1}\bullet1193^{1} = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m3_{-36}(\downarrow M6_{+36})^{1}} = (1) + \uparrow m6_{+16}(\downarrow M3_{-16})$

$13124 = 2^{2}\bullet17^{1}\bullet193^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow P5_{+11}(\downarrow P4_{-11})^{1}} = (1) + \uparrow m6_{+16}(\downarrow M3_{-16})$

$13125 = 3^{1}\bullet5^{4}\bullet7^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{4} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1}} = (1) + \uparrow m6_{+16}(\downarrow M3_{-16})$

$13126 = 2^{1}\bullet6563^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m6_{+16}(\downarrow M3_{-16})^{1}} = (1) + \uparrow m6_{+16}(\downarrow M3_{-16})$

$13127 = 13127^{1} = \mathbf{(1) + \uparrow m6_{+16}(\downarrow M3_{-16})}$

$13128 = 2^{3}\bullet3^{1}\bullet547^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m2_{+14}(\downarrow M7_{-14})^{1}} = (1) + \uparrow m6_{+16}(\downarrow M3_{-16})$

$13129 = 19^{1}\bullet691^{1} = \mathbf{(1) + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow P4_{+19}(\downarrow P5_{-19})^{1}} = (1) + \uparrow m6_{+17}(\downarrow M3_{-17})$

$13130 = 2^{1}\bullet5^{1}\bullet13^{1}\bullet101^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m6_{-10}(\downarrow M3_{+10})^{1}} = (1) + \uparrow m6_{+17}(\downarrow M3_{-17})$

$13131 = 3^{2}\bullet1459^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow tt_{+13}(\downarrow tt_{-13})^{1}} = (1) + \uparrow m6_{+17}(\downarrow M3_{-17})$

$13132 = 2^{2}\bullet7^{2}\bullet67^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{2} + \uparrow m2_{-21}(\downarrow M7_{+21})^{1}} = (1) + \uparrow m6_{+17}(\downarrow M3_{-17})$

$13133 = 23^{1}\bullet571^{1} = \mathbf{(1) + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow M2_{-11}(\downarrow m7_{+11})^{1}} = (1) + \uparrow m6_{+17}(\downarrow M3_{-17})$

$13134 = 2^{1}\bullet3^{1}\bullet11^{1}\bullet199^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m6_{-36}(\downarrow M3_{+36})^{1}} = (1) + \uparrow m6_{+17}(\downarrow M3_{-17})$

$13135 = 5^{1}\bullet37^{1}\bullet71^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m3_{-49}(\downarrow M6_{+49})^{1} + \uparrow M2_{-20}(\downarrow m7_{+20})^{1}} = (1) + \uparrow m6_{+17}(\downarrow M3_{-17})$

$13136 = 2^{4}\bullet821^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow m6_{+17}(\downarrow M3_{-17})^{1}} = (1) + \uparrow m6_{+17}(\downarrow M3_{-17})$

$13137 = 3^{1}\bullet29^{1}\bullet151^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1} + \uparrow m3_{-14}(\downarrow M6_{+14})^{1}} = (1) + \uparrow m6_{+18}(\downarrow M3_{-18})$

$13138 = 2^{1}\bullet6569^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m6_{+18}(\downarrow M3_{-18})^{1}} = (1) + \uparrow m6_{+18}(\downarrow M3_{-18})$

$13139 = 7^{1}\bullet1877^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m7_{+49}(\downarrow M2_{-49})^{1}} = (1) + \uparrow m6_{+18}(\downarrow M3_{-18})$

$13140 = 2^{2}\bullet3^{2}\bullet5^{1}\bullet73^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M2_{+28}(\downarrow m7_{-28})^{1}} = (1) + \uparrow m6_{+18}(\downarrow M3_{-18})$

$13141 = 17^{1}\bullet773^{1} = \mathbf{(1) + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow P5_{+13}(\downarrow P4_{-13})^{1}} = (1) + \uparrow m6_{+18}(\downarrow M3_{-18})$

$13142 = 2^{1}\bullet6571^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m6_{+18}(\downarrow M3_{-18})^{1}} = (1) + \uparrow m6_{+18}(\downarrow M3_{-18})$

$13143 = 3^{1}\bullet13^{1}\bullet337^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow P4_{-24}(\downarrow P5_{+24})^{1}} = (1) + \uparrow m6_{+18}(\downarrow M3_{-18})$

$13144 = 2^{3}\bullet31^{1}\bullet53^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1} + \uparrow M6_{-26}(\downarrow m3_{+26})^{1}} = (1) + \uparrow m6_{+19}(\downarrow M3_{-19})$

$13145 = 5^{1}\bullet11^{1}\bullet239^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow M7_{-19}(\downarrow m2_{+19})^{1}} = (1) + \uparrow m6_{+19}(\downarrow M3_{-19})$

$13146 = 2^{1}\bullet3^{1}\bullet7^{1}\bullet313^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m3_{+48}(\downarrow M6_{-48})^{1}} = (1) + \uparrow m6_{+19}(\downarrow M3_{-19})$

$13147 = 13147^{1} = \mathbf{(1) + \uparrow m6_{+19}(\downarrow M3_{-19})}$

$13148 = 2^{2}\bullet19^{1}\bullet173^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow P4_{+22}(\downarrow P5_{-22})^{1}} = (1) + \uparrow m6_{+19}(\downarrow M3_{-19})$

$13149 = 3^{3}\bullet487^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow M7_{+13}(\downarrow m2_{-13})^{1}} = (1) + \uparrow m6_{+19}(\downarrow M3_{-19})$

$13150 = 2^{1}\bullet5^{2}\bullet263^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow uni_{+47}(\downarrow 8ve_{-47})^{1}} = (1) + \uparrow m6_{+19}(\downarrow M3_{-19})$

$13151 = 13151^{1} = \mathbf{(1) + \uparrow m6_{+19}(\downarrow M3_{-19})}$

$13152 = 2^{5}\bullet3^{1}\bullet137^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{5} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m2_{+18}(\downarrow M7_{-18})^{1}} = (1) + \uparrow m6_{+20}(\downarrow M3_{-20})$

$13153 = 7^{1}\bullet1879^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M7_{-49}(\downarrow m2_{+49})^{1}} = (1) + \uparrow m6_{+20}(\downarrow M3_{-20})$

$13154 = 2^{1}\bullet6577^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m6_{+20}(\downarrow M3_{-20})^{1}} = (1) + \uparrow m6_{+20}(\downarrow M3_{-20})$

$13155 = 3^{1}\bullet5^{1}\bullet877^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M6_{+32}(\downarrow m3_{-32})^{1}} = (1) + \uparrow m6_{+20}(\downarrow M3_{-20})$

$13156 = 2^{2}\bullet11^{1}\bullet13^{1}\bullet23^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1}} = (1) + \uparrow m6_{+20}(\downarrow M3_{-20})$

$13157 = 59^{1}\bullet223^{1} = \mathbf{(1) + \uparrow M7_{-41}(\downarrow m2_{+41})^{1} + \uparrow m7_{-39}(\downarrow M2_{+39})^{1}} = (1) + \uparrow m6_{+20}(\downarrow M3_{-20})$

$13158 = 2^{1}\bullet3^{2}\bullet17^{1}\bullet43^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow P4_{+12}(\downarrow P5_{-12})^{1}} = (1) + \uparrow m6_{+20}(\downarrow M3_{-20})$

$13159 = 13159^{1} = \mathbf{(1) + \uparrow m6_{+21}(\downarrow M3_{-21})}$

$13160 = 2^{3}\bullet5^{1}\bullet7^{1}\bullet47^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow P5_{-34}(\downarrow P4_{+34})^{1}} = (1) + \uparrow m6_{+21}(\downarrow M3_{-21})$

$13161 = 3^{1}\bullet41^{1}\bullet107^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{+29}(\downarrow m6_{-29})^{1} + \uparrow M6_{-10}(\downarrow m3_{+10})^{1}} = (1) + \uparrow m6_{+21}(\downarrow M3_{-21})$

$13162 = 2^{1}\bullet 6581^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m6_{+21}(\downarrow M3_{-21})^{1}} = (1) + \uparrow m6_{+21}(\downarrow M3_{-21})$

$13163 = 13163^{1} = \mathbf{(1) + \uparrow m6_{+21}(\downarrow M3_{-21})}$

$13164 = 2^{2}\bullet 3^{1}\bullet 1097^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m2_{+19}(\downarrow M7_{-19})^{1}} = (1) + \uparrow m6_{+21}(\downarrow M3_{-21})$

$13165 = 5^{1}\bullet 2633^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M3_{+35}(\downarrow m6_{-35})^{1}} = (1) + \uparrow m6_{+21}(\downarrow M3_{-21})$

$13166 = 2^{1}\bullet 29^{1}\bullet 227^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1} + \uparrow m7_{-8}(\downarrow M2_{+8})^{1}} = (1) + \uparrow m6_{+21}(\downarrow M3_{-21})$

$13167 = 3^{2}\bullet 7^{1}\bullet 11^{1}\bullet 19^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1}} = (1) + \uparrow m6_{+22}(\downarrow M3_{-22})$

$13168 = 2^{4}\bullet 823^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow m6_{+22}(\downarrow M3_{-22})^{1}} = (1) + \uparrow m6_{+22}(\downarrow M3_{-22})$

$13169 = 13^{1}\bullet 1013^{1} = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow 8ve_{-19}(\downarrow uni_{+19})^{1}} = (1) + \uparrow m6_{+22}(\downarrow M3_{-22})$

$13170 = 2^{1}\bullet 3^{1}\bullet 5^{1}\bullet 439^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M6_{+34}(\downarrow m3_{-34})^{1}} = (1) + \uparrow m6_{+22}(\downarrow M3_{-22})$

$13171 = 13171^{1} = \mathbf{(1) + \uparrow m6_{+22}(\downarrow M3_{-22})}$

$13172 = 2^{2}\bullet 37^{1}\bullet 89^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m3_{-49}(\downarrow M6_{+49})^{1} + \uparrow tt_{-29}(\downarrow tt_{+29})^{1}} = (1) + \uparrow m6_{+22}(\downarrow M3_{-22})$

$13173 = 3^{1}\bullet 4391^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m2_{+20}(\downarrow M7_{-20})^{1}} = (1) + \uparrow m6_{+22}(\downarrow M3_{-22})$

$13174 = 2^{1}\bullet 7^{1}\bullet 941^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M7_{-46}(\downarrow m2_{+46})^{1}} = (1) + \uparrow m6_{+22}(\downarrow M3_{-22})$

$13175 = 5^{2}\bullet 17^{1}\bullet 31^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1}} = (1) + \uparrow m6_{+23}(\downarrow M3_{-23})$

$13176 = 2^{3}\bullet 3^{3}\bullet 61^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow M7_{+17}(\downarrow m2_{-17})^{1}} = (1) + \uparrow m6_{+23}(\downarrow M3_{-23})$

$13177 = 13177^{1} = \mathbf{(1) + \uparrow m6_{+23}(\downarrow M3_{-23})}$

$13178 = 2^{1}\bullet 11^{1}\bullet 599^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m3_{-28}(\downarrow M6_{+28})^{1}} = (1) + \uparrow m6_{+23}(\downarrow M3_{-23})$

$13179 = 3^{1}\bullet 23^{1}\bullet 191^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow P5_{-7}(\downarrow P4_{+7})^{1}} = (1) + \uparrow m6_{+23}(\downarrow M3_{-23})$

$13180 = 2^{2}\bullet 5^{1}\bullet 659^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M3_{+37}(\downarrow m6_{-37})^{1}} = (1) + \uparrow m6_{+23}(\downarrow M3_{-23})$

$13181 = 7^{2}\bullet 269^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{2} + \uparrow m2_{-14}(\downarrow M7_{+14})^{1}} = (1) + \uparrow m6_{+23}(\downarrow M3_{-23})$

$13182 = 2^{1}\bullet 3^{1}\bullet 13^{3} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{3}} = (1) + \uparrow m6_{+24}(\downarrow M3_{-24})$

$13183 = 13183^{1} = \mathbf{(1) + \uparrow m6_{+24}(\downarrow M3_{-24})}$

$13184 = 2^{7}\bullet 103^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{7} + \uparrow m6_{+24}(\downarrow M3_{-24})^{1}} = (1) + \uparrow m6_{+24}(\downarrow M3_{-24})$

$13185 = 3^{2}\bullet 5^{1}\bullet 293^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M2_{+34}(\downarrow m7_{-34})^{1}} = (1) + \uparrow m6_{+24}(\downarrow M3_{-24})$

$13186 = 2^{1}\bullet 19^{1}\bullet 347^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow P4_{+27}(\downarrow P5_{-27})^{1}} = (1) + \uparrow m6_{+24}(\downarrow M3_{-24})$

$13187 = 13187^{1} = \mathbf{(1) + \uparrow m6_{+24}(\downarrow M3_{-24})}$

$13188 = 2^{2}\bullet 3^{1}\bullet 7^{1}\bullet 157^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M3_{-46}(\downarrow m6_{+46})^{1}} = (1) + \uparrow m6_{+24}(\downarrow M3_{-24})$

$13189 = 11^{2}\bullet 109^{1} = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^{2} + \uparrow M6_{+22}(\downarrow m3_{-22})^{1}} = (1) + \uparrow m6_{+24}(\downarrow M3_{-24})$

$13190 = 2^{1}\bullet 5^{1}\bullet 1319^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M3_{+38}(\downarrow m6_{-38})^{1}} = (1) + \uparrow m6_{+25}(\downarrow M3_{-25})$

$13191 = 3^{1}\bullet 4397^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m2_{+23}(\downarrow M7_{-23})^{1}} = (1) + \uparrow m6_{+25}(\downarrow M3_{-25})$

$13192 = 2^{3}\bullet 17^{1}\bullet 97^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow P5_{+20}(\downarrow P4_{-20})^{1}} = (1) + \uparrow m6_{+25}(\downarrow M3_{-25})$

$13193 = 79^{1}\bullet 167^{1} = \mathbf{(1) + \uparrow M3_{-35}(\downarrow m6_{+35})^{1} + \uparrow P4_{-40}(\downarrow P5_{+40})^{1}} = (1) + \uparrow m6_{+25}(\downarrow M3_{-25})$

$13194 = 2^{1}\bullet 3^{2}\bullet 733^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow tt_{+21}(\downarrow tt_{-21})^{1}} = (1) + \uparrow m6_{+25}(\downarrow M3_{-25})$

$13195 = 5^{1}\bullet 7^{1}\bullet 13^{1}\bullet 29^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1}} =$

$(1) + \uparrow m6_{+25}(\downarrow M3_{-25})$

$13196 = 2^{2}\bullet 3299^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m6_{+25}(\downarrow M3_{-25})^{1}} = (1) + \uparrow m6_{+25}(\downarrow M3_{-25})$

$13197 = 3^{1}\bullet 53^{1}\bullet 83^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M6_{-26}(\downarrow m3_{+26})^{1} + \uparrow P4_{-50}(\downarrow P5_{+50})^{1}} = (1) + \uparrow m6_{+26}(\downarrow M3_{-26})$

$13198 = 2^{1}\bullet 6599^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m6_{+26}(\downarrow M3_{-26})^{1}} = (1) + \uparrow m6_{+26}(\downarrow M3_{-26})$

$13199 = 67^{1}\bullet 197^{1} = \mathbf{(1) + \uparrow m2_{-21}(\downarrow M7_{+21})^{1} + \uparrow P5_{+46}(\downarrow P4_{-46})^{1}} = (1) + \uparrow m6_{+26}(\downarrow M3_{-26})$

$13200 = 2^{4}\bullet 3^{1}\bullet 5^{2}\bullet 11^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1}} = (1) + \uparrow m6_{+26}(\downarrow M3_{-26})$

$13201 = 43^{1}\bullet 307^{1} = \mathbf{(1) + \uparrow P4_{+12}(\downarrow P5_{-12})^{1} + \uparrow m3_{+15}(\downarrow M6_{-15})^{1}} = (1) + \uparrow m6_{+26}(\downarrow M3_{-26})$

$13202 = 2^{1}\bullet 7^{1}\bullet 23^{1}\bullet 41^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow M3_{+29}(\downarrow m6_{-29})^{1}} = (1) + \uparrow m6_{+26}(\downarrow M3_{-26})$

$13203 = 3^{4}\bullet 163^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{4} + \uparrow M3_{+18}(\downarrow m6_{-18})^{1}} = (1) + \uparrow m6_{+26}(\downarrow M3_{-26})$

$13204 = 2^{2}\bullet 3301^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m6_{+26}(\downarrow M3_{-26})^{1}} = (1) + \uparrow m6_{+26}(\downarrow M3_{-26})$

$13205 = 5^{1}\bullet 19^{1}\bullet 139^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow m2_{+43}(\downarrow M7_{-43})^{1}} = (1) + \uparrow m6_{+27}(\downarrow M3_{-27})$

$13206 = 2^{1}\bullet 3^{1}\bullet 31^{1}\bullet 71^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1} + \uparrow M2_{-20}(\downarrow m7_{+20})^{1}} = (1) + \uparrow m6_{+27}(\downarrow M3_{-27})$

$13207 = 47^{1}\bullet 281^{1} = \mathbf{(1) + \uparrow P5_{-34}(\downarrow P4_{+34})^{1} + \uparrow M2_{-39}(\downarrow m7_{+39})^{1}} = (1) + \uparrow m6_{+27}(\downarrow M3_{-27})$

$13208 = 2^{3}\bullet 13^{1}\bullet 127^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow 8ve_{-14}(\downarrow uni_{+14})^{1}} = (1) + \uparrow m6_{+27}(\downarrow M3_{-27})$

$13209 = 3^{1}\bullet 7^{1}\bullet 17^{1}\bullet 37^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow m3_{-49}(\downarrow M6_{+49})^{1}} = (1) + \uparrow m6_{+27}(\downarrow M3_{-27})$

$13210 = 2^{1}\bullet 5^{1}\bullet 1321^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M3_{+41}(\downarrow m6_{-41})^{1}} = (1) + \uparrow m6_{+27}(\downarrow M3_{-27})$

$13211 = 11^{1}\bullet 1201^{1} = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m3_{-24}(\downarrow M6_{+24})^{1}} = (1) + \uparrow m6_{+27}(\downarrow M3_{-27})$

$13212 = 2^{2}\bullet 3^{2}\bullet 367^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow tt_{+24}(\downarrow tt_{-24})^{1}} = (1) + \uparrow m6_{+27}(\downarrow M3_{-27})$

$13213 = 73^{1}\bullet 181^{1} = \mathbf{(1) + \uparrow M2_{+28}(\downarrow m7_{-28})^{1} + \uparrow tt_{+0}(\downarrow tt_{-0})^{1}} = (1) + \uparrow m6_{+28}(\downarrow M3_{-28})$

$13214 = 2^{1}\bullet 6607^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m6_{+28}(\downarrow M3_{-28})^{1}} = (1) + \uparrow m6_{+28}(\downarrow M3_{-28})$

$13215 = 3^{1}\bullet 5^{1}\bullet 881^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M6_{+40}(\downarrow m3_{-40})^{1}} = (1) + \uparrow m6_{+28}(\downarrow M3_{-28})$

$13216 = 2^{5}\bullet 7^{1}\bullet 59^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{5} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M7_{-41}(\downarrow m2_{+41})^{1}} = (1) + \uparrow m6_{+28}(\downarrow M3_{-28})$

$13217 = 13217^{1} = \mathbf{(1) + \uparrow m6_{+28}(\downarrow M3_{-28})}$

$13218 = 2^{1}\bullet 3^{1}\bullet 2203^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m2_{+26}(\downarrow M7_{-26})^{1}} = (1) + \uparrow m6_{+28}(\downarrow M3_{-28})$

$13219 = 13219^{1} = \mathbf{(1) + \uparrow m6_{+28}(\downarrow M3_{-28})}$

$13220 = 2^{2}\bullet 5^{1}\bullet 661^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M3_{+42}(\downarrow m6_{-42})^{1}} = (1) + \uparrow m6_{+29}(\downarrow M3_{-29})$

$13221 = 3^{2}\bullet 13^{1}\bullet 113^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m7_{-16}(\downarrow M2_{+16})^{1}} = (1) + \uparrow m6_{+29}(\downarrow M3_{-29})$

$13222 = 2^{1}\bullet 11^{1}\bullet 601^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m3_{-23}(\downarrow M6_{+23})^{1}} = (1) + \uparrow m6_{+29}(\downarrow M3_{-29})$

$13223 = 7^{1}\bullet 1889^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M7_{-40}(\downarrow m2_{+40})^{1}} = (1) + \uparrow m6_{+29}(\downarrow M3_{-29})$

$13224 = 2^{3}\bullet 3^{1}\bullet 19^{1}\bullet 29^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1}} = (1) + \uparrow m6_{+29}(\downarrow M3_{-29})$

$13225 = 5^{2}\bullet 23^{2} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow tt_{+28}(\downarrow tt_{-28})^{2}} = (1) + \uparrow m6_{+29}(\downarrow M3_{-29})$

$13226 = 2^{1}\bullet 17^{1}\bullet 389^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow P5_{+24}(\downarrow P4_{-24})^{1}} = (1) + \uparrow m6_{+29}(\downarrow M3_{-29})$

$13227 = 3^{1}\bullet 4409^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m2_{+27}(\downarrow M7_{-27})^{1}} = (1) + \uparrow m6_{+29}(\downarrow M3_{-29})$

$13228 = 2^{2}\bullet 3307^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m6_{+30}(\downarrow M3_{-30})^{1}} = (1) + \uparrow m6_{+30}(\downarrow M3_{-30})$

$13229 = 13229^{1} = \mathbf{(1) + \uparrow m6_{+30}(\downarrow M3_{-30})}$

$13230 = 2^{1}\bullet 3^{3}\bullet 5^{1}\bullet 7^{2} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{2}} = (1) + \uparrow m6_{+30}(\downarrow M3_{-30})$

$13231 = 101^{1}\bullet 131^{1} = \mathbf{(1) + \uparrow m6_{-10}(\downarrow M3_{+10})^{1} + \uparrow uni_{+40}(\downarrow 8ve_{-40})^{1}} = (1) + \uparrow m6_{+30}(\downarrow M3_{-30})$

$13232 = 2^{4}\bullet 827^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow m6_{+30}(\downarrow M3_{-30})^{1}} = (1) + \uparrow m6_{+30}(\downarrow M3_{-30})$

$13233 = 3^{1}\bullet 11^{1}\bullet 401^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m6_{-23}(\downarrow M3_{+23})^{1}} = (1) + \uparrow m6_{+30}(\downarrow M3_{-30})$

$13234 = 2^{1}\bullet 13^{1}\bullet 509^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow 8ve_{-10}(\downarrow uni_{+10})^{1}} = (1) + \uparrow m6_{+30}(\downarrow M3_{-30})$

$13235 = 5^{1}\bullet 2647^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M3_{+44}(\downarrow m6_{-44})^{1}} = (1) + \uparrow m6_{+30}(\downarrow M3_{-30})$

$13236 = 2^{2}\bullet 3^{1}\bullet 1103^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m2_{+29}(\downarrow M7_{-29})^{1}} = (1) + \uparrow m6_{+31}(\downarrow M3_{-31})$

$13237 = 7^{1}\bullet 31^{1}\bullet 61^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1} + \uparrow M7_{+17}(\downarrow m2_{-17})^{1}} = (1) + \uparrow m6_{+31}(\downarrow M3_{-31})$

$13238 = 2^{1}\bullet 6619^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m6_{+31}(\downarrow M3_{-31})^{1}} = (1) + \uparrow m6_{+31}(\downarrow M3_{-31})$

$13239 = 3^{2}\bullet 1471^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow tt_{+27}(\downarrow tt_{-27})^{1}} = (1) + \uparrow m6_{+31}(\downarrow M3_{-31})$

$13240 = 2^{3}\bullet 5^{1}\bullet 331^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M3_{+45}(\downarrow m6_{-45})^{1}} = (1) + \uparrow m6_{+31}(\downarrow M3_{-31})$

$13241 = 13241^{1} = \mathbf{(1) + \uparrow m6_{+31}(\downarrow M3_{-31})}$

$13242 = 2^{1}\bullet 3^{1}\bullet 2207^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m2_{+29}(\downarrow M7_{-29})^{1}} = (1) + \uparrow m6_{+31}(\downarrow M3_{-31})$

$13243 = 17^{1}\bullet 19^{1}\bullet 41^{1} = \mathbf{(1) + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow M3_{+29}(\downarrow m6_{-29})^{1}} = (1) + \uparrow m6_{+32}(\downarrow M3_{-32})$

$13244 = 2^{2}\bullet 7^{1}\bullet 11^{1}\bullet 43^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow P4_{+12}(\downarrow P5_{-12})^{1}} = (1) + \uparrow m6_{+32}(\downarrow M3_{-32})$

$13245 = 3^1 \bullet 5^1 \bullet 883^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M6_{+44}(\downarrow m3_{-44})^1} = (1) + \uparrow m6_{+32}(\downarrow M3_{-32})$

$13246 = 2^1 \bullet 37^1 \bullet 179^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m3_{-49}(\downarrow M6_{+49})^1 + \uparrow tt_{-19}(\downarrow tt_{+19})^1} = (1) + \uparrow m6_{+32}(\downarrow M3_{-32})$

$13247 = 13^1 \bullet 1019^1 = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow 8ve_{-8}(\downarrow uni_{+8})^1} = (1) + \uparrow m6_{+32}(\downarrow M3_{-32})$

$13248 = 2^6 \bullet 3^2 \bullet 23^1 = \mathbf{(1) + \updownarrow 8ve(uni)^6 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow tt_{+28}(\downarrow tt_{-28})^1} = (1) + \uparrow m6_{+32}(\downarrow M3_{-32})$

$13249 = 13249^1 = \mathbf{(1) + \uparrow m6_{+32}(\downarrow M3_{-32})}$

$13250 = 2^1 \bullet 5^3 \bullet 53^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^3 + \uparrow M6_{-26}(\downarrow m3_{+26})^1} = (1) + \uparrow m6_{+32}(\downarrow M3_{-32})$

$13251 = 3^1 \bullet 7^1 \bullet 631^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M3_{-38}(\downarrow m6_{+38})^1} = (1) + \uparrow m6_{+33}(\downarrow M3_{-33})$

$13252 = 2^2 \bullet 3313^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m6_{+33}(\downarrow M3_{-33})^1} = (1) + \uparrow m6_{+33}(\downarrow M3_{-33})$

$13253 = 29^1 \bullet 457^1 = \mathbf{(1) + \uparrow m7_{+30}(\downarrow M2_{-30})^1 + \uparrow m7_{+3}(\downarrow M2_{-3})^1} = (1) + \uparrow m6_{+33}(\downarrow M3_{-33})$

$13254 = 2^1 \bullet 3^1 \bullet 47^2 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow P5_{-34}(\downarrow P4_{+34})^2} = (1) + \uparrow m6_{+33}(\downarrow M3_{-33})$

$13255 = 5^1 \bullet 11^1 \bullet 241^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow M7_{-5}(\downarrow m2_{+5})^1} = (1) + \uparrow m6_{+33}(\downarrow M3_{-33})$

$13256 = 2^3 \bullet 1657^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow m6_{+33}(\downarrow M3_{-33})^1} = (1) + \uparrow m6_{+33}(\downarrow M3_{-33})$

$13257 = 3^3 \bullet 491^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow M7_{+27}(\downarrow m2_{-27})^1} = (1) + \uparrow m6_{+33}(\downarrow M3_{-33})$

$13258 = 2^1 \bullet 7^1 \bullet 947^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M7_{-35}(\downarrow m2_{+35})^1} = (1) + \uparrow m6_{+33}(\downarrow M3_{-33})$

$13259 = 13259^1 = \mathbf{(1) + \uparrow m6_{+34}(\downarrow M3_{-34})}$

$13260 = 2^2 \bullet 3^1 \bullet 5^1 \bullet 13^1 \bullet 17^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1} =$
$(1) + \uparrow m6_{+34}(\downarrow M3_{-34})$

$13261 = 89^1 \bullet 149^1 = \mathbf{(1) + \uparrow tt_{-29}(\downarrow tt_{+29})^1 + \uparrow m3_{-37}(\downarrow M6_{+37})^1} = (1) + \uparrow m6_{+34}(\downarrow M3_{-34})$

$13262 = 2^1 \bullet 19^1 \bullet 349^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow P4_{+36}(\downarrow P5_{-36})^1} = (1) + \uparrow m6_{+34}(\downarrow M3_{-34})$

$13263 = 3^1 \bullet 4421^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m2_{+32}(\downarrow M7_{-32})^1} = (1) + \uparrow m6_{+34}(\downarrow M3_{-34})$

$13264 = 2^4 \bullet 829^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow m6_{+34}(\downarrow M3_{-34})^1} = (1) + \uparrow m6_{+34}(\downarrow M3_{-34})$

$13265 = 5^1 \bullet 7^1 \bullet 379^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow P5_{-21}(\downarrow P4_{+21})^1} = (1) + \uparrow m6_{+34}(\downarrow M3_{-34})$

$13266 = 2^1 \bullet 3^2 \bullet 11^1 \bullet 67^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m2_{-21}(\downarrow M7_{+21})^1} = (1) + \uparrow m6_{+35}(\downarrow M3_{-35})$

$13267 = 13267^1 = \mathbf{(1) + \uparrow m6_{+35}(\downarrow M3_{-35})}$

$13268 = 2^2 \bullet 31^1 \bullet 107^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M7_{+45}(\downarrow m2_{-45})^1 + \uparrow M6_{-10}(\downarrow m3_{+10})^1} = (1) + \uparrow m6_{+35}(\downarrow M3_{-35})$

$13269 = 3^1 \bullet 4423^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m2_{+33}(\downarrow M7_{-33})^1} = (1) + \uparrow m6_{+35}(\downarrow M3_{-35})$

$13270 = 2^1 \bullet 5^1 \bullet 1327^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M3_{+49}(\downarrow m6_{-49})^1} = (1) + \uparrow m6_{+35}(\downarrow M3_{-35})$

$13271 = 23^1 \bullet 577^1 = \mathbf{(1) + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow M2_{+7}(\downarrow m7_{-7})^1} = (1) + \uparrow m6_{+35}(\downarrow M3_{-35})$

$13272 = 2^3 \bullet 3^1 \bullet 7^1 \bullet 79^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M3_{-35}(\downarrow m6_{+35})^1} = (1) + \uparrow m6_{+35}(\downarrow M3_{-35})$

$13273 = 13^1 \bullet 1021^1 = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow 8ve_{-5}(\downarrow uni_{+5})^1} = (1) + \uparrow m6_{+35}(\downarrow M3_{-35})$

$13274 = 2^1 \bullet 6637^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m6_{+36}(\downarrow M3_{-36})^1} = (1) + \uparrow m6_{+36}(\downarrow M3_{-36})$

$13275 = 3^2 \bullet 5^2 \bullet 59^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow M7_{-41}(\downarrow m2_{+41})^1} = (1) + \uparrow m6_{+36}(\downarrow M3_{-36})$

$13276 = 2^2 \bullet 3319^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m6_{+36}(\downarrow M3_{-36})^1} = (1) + \uparrow m6_{+36}(\downarrow M3_{-36})$

$13277 = 11^1 \bullet 17^1 \bullet 71^1 = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow M2_{-20}(\downarrow m7_{+20})^1} = (1) + \uparrow m6_{+36}(\downarrow M3_{-36})$

$13278 = 2^1 \bullet 3^1 \bullet 2213^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m2_{+34}(\downarrow M7_{-34})^1} = (1) + \uparrow m6_{+36}(\downarrow M3_{-36})$

$13279 = 7^2 \bullet 271^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^2 + \uparrow m2_{-1}(\downarrow M7_{+1})^1} = (1) + \uparrow m6_{+36}(\downarrow M3_{-36})$

$13280 = 2^5 \bullet 5^1 \bullet 83^1 = \mathbf{(1) + \updownarrow 8ve(uni)^5 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow P4_{-50}(\downarrow P5_{+50})^1} = (1) + \uparrow m6_{+36}(\downarrow M3_{-36})$

$13281 = 3^1 \bullet 19^1 \bullet 233^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow m7_{+37}(\downarrow M2_{-37})^1} = (1) + \uparrow m6_{+36}(\downarrow M3_{-36})$

$13282 = 2^1 \bullet 29^1 \bullet 229^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1 + \uparrow m7_{+7}(\downarrow M2_{-7})^1} = (1) + \uparrow m6_{+37}(\downarrow M3_{-37})$

$13283 = 37^1 \bullet 359^1 = \mathbf{(1) + \uparrow m3_{-49}(\downarrow M6_{+49})^1 + \uparrow tt_{-15}(\downarrow tt_{+15})^1} = (1) + \uparrow m6_{+37}(\downarrow M3_{-37})$

$13284 = 2^2 \bullet 3^4 \bullet 41^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^4 + \uparrow M3_{+29}(\downarrow m6_{-29})^1} = (1) + \uparrow m6_{+37}(\downarrow M3_{-37})$

$13285 = 5^1 \bullet 2657^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow P4_{-49}(\downarrow P5_{+49})^1} = (1) + \uparrow m6_{+37}(\downarrow M3_{-37})$

$13286 = 2^{1}\bullet 7^{1}\bullet 13^{1}\bullet 73^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow M2_{+28}(\downarrow m7_{-28})^{1}} = (1) + \uparrow m6_{+37}(\downarrow M3_{-37})$

$13287 = 3^{1}\bullet 43^{1}\bullet 103^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow P4_{+12}(\downarrow P5_{-12})^{1} + \uparrow m6_{+24}(\downarrow M3_{-24})^{1}} = (1) + \uparrow m6_{+37}(\downarrow M3_{-37})$

$13288 = 2^{3}\bullet 11^{1}\bullet 151^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m3_{-14}(\downarrow M6_{+14})^{1}} = (1) + \uparrow m6_{+37}(\downarrow M3_{-37})$

$13289 = 97^{1}\bullet 137^{1} = \mathbf{(1) + \uparrow P5_{+20}(\downarrow P4_{-20})^{1} + \uparrow m2_{+18}(\downarrow M7_{-18})^{1}} = (1) + \uparrow m6_{+38}(\downarrow M3_{-38})$

$13290 = 2^{1}\bullet 3^{1}\bullet 5^{1}\bullet 443^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M6_{+49}(\downarrow m3_{-49})^{1}} = (1) + \uparrow m6_{+38}(\downarrow M3_{-38})$

$13291 = 13291^{1} = \mathbf{(1) + \uparrow m6_{+38}(\downarrow M3_{-38})}$

$13292 = 2^{2}\bullet 3323^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m6_{+38}(\downarrow M3_{-38})^{1}} = (1) + \uparrow m6_{+38}(\downarrow M3_{-38})$

$13293 = 3^{2}\bullet 7^{1}\bullet 211^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M6_{-35}(\downarrow m3_{+35})^{1}} = (1) + \uparrow m6_{+38}(\downarrow M3_{-38})$

$13294 = 2^{1}\bullet 17^{2}\bullet 23^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{2} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1}} = (1) + \uparrow m6_{+38}(\downarrow M3_{-38})$

$13295 = 5^{1}\bullet 2659^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow P4_{-48}(\downarrow P5_{+48})^{1}} = (1) + \uparrow m6_{+38}(\downarrow M3_{-38})$

$13296 = 2^{4}\bullet 3^{1}\bullet 277^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m2_{+36}(\downarrow M7_{-36})^{1}} = (1) + \uparrow m6_{+38}(\downarrow M3_{-38})$

$13297 = 13297^{1} = \mathbf{(1) + \uparrow m6_{+39}(\downarrow M3_{-39})}$

$13298 = 2^{1}\bullet 61^{1}\bullet 109^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M7_{+17}(\downarrow m2_{-17})^{1} + \uparrow M6_{+22}(\downarrow m3_{-22})^{1}} = (1) + \uparrow m6_{+39}(\downarrow M3_{-39})$

$13299 = 3^{1}\bullet 11^{1}\bullet 13^{1}\bullet 31^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1}} = (1) + \uparrow m6_{+39}(\downarrow M3_{-39})$

$13300 = 2^{2}\bullet 5^{2}\bullet 7^{1}\bullet 19^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1}} = (1) + \uparrow m6_{+39}(\downarrow M3_{-39})$

$13301 = 47^{1}\bullet 283^{1} = \mathbf{(1) + \uparrow P5_{-34}(\downarrow P4_{+34})^{1} + \uparrow M2_{-26}(\downarrow m7_{+26})^{1}} = (1) + \uparrow m6_{+39}(\downarrow M3_{-39})$

$13302 = 2^{1}\bullet 3^{2}\bullet 739^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow tt_{+35}(\downarrow tt_{-35})^{1}} = (1) + \uparrow m6_{+39}(\downarrow M3_{-39})$

$13303 = 53^{1}\bullet 251^{1} = \mathbf{(1) + \uparrow M6_{-26}(\downarrow m3_{+26})^{1} + \uparrow 8ve_{-34}(\downarrow uni_{+34})^{1}} = (1) + \uparrow m6_{+39}(\downarrow M3_{-39})$

$13304 = 2^{3}\bullet 1663^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow m6_{+39}(\downarrow M3_{-39})^{1}} = (1) + \uparrow m6_{+39}(\downarrow M3_{-39})$

$13305 = 3^{1}\bullet 5^{1}\bullet 887^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-49}(\downarrow M2_{+49})^{1}} = (1) + \uparrow m6_{+40}(\downarrow M3_{-40})$

$13306 = 2^{1}\bullet 6653^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m6_{+40}(\downarrow M3_{-40})^{1}} = (1) + \uparrow m6_{+40}(\downarrow M3_{-40})$

$13307 = 7^{1}\bullet 1901^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M7_{-29}(\downarrow m2_{+29})^{1}} = (1) + \uparrow m6_{+40}(\downarrow M3_{-40})$

$13308 = 2^{2}\bullet 3^{1}\bullet 1109^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m2_{+38}(\downarrow M7_{-38})^{1}} = (1) + \uparrow m6_{+40}(\downarrow M3_{-40})$

$13309 = 13309^{1} = \mathbf{(1) + \uparrow m6_{+40}(\downarrow M3_{-40})}$

$13310 = 2^{1}\bullet 5^{1}\bullet 11^{3} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{3}} = (1) + \uparrow m6_{+40}(\downarrow M3_{-40})$

$13311 = 3^{3}\bullet 17^{1}\bullet 29^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1}} = (1) + \uparrow m6_{+40}(\downarrow M3_{-40})$

$13312 = 2^{10}\bullet 13^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{10} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1}} = (1) + \uparrow m6_{+41}(\downarrow M3_{-41})$

$13313 = 13313^{1} = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})}$

$13314 = 2^{1}\bullet 3^{1}\bullet 7^{1}\bullet 317^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M3_{-30}(\downarrow m6_{+30})^{1}} = (1) + \uparrow m6_{+41}(\downarrow M3_{-41})$

$13315 = 5^{1}\bullet 2663^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow P4_{-45}(\downarrow P5_{+45})^{1}} = (1) + \uparrow m6_{+41}(\downarrow M3_{-41})$

$13316 = 2^{2}\bullet 3329^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1}} = (1) + \uparrow m6_{+41}(\downarrow M3_{-41})$

$13317 = 3^{1}\bullet 23^{1}\bullet 193^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow P5_{+11}(\downarrow P4_{-11})^{1}} = (1) + \uparrow m6_{+41}(\downarrow M3_{-41})$

$13318 = 2^{1}\bullet 6659^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1}} = (1) + \uparrow m6_{+41}(\downarrow M3_{-41})$

$13319 = 19^{1}\bullet 701^{1} = \mathbf{(1) + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow P4_{+44}(\downarrow P5_{-44})^{1}} = (1) + \uparrow m6_{+41}(\downarrow M3_{-41})$

$13320 = 2^{3}\bullet 3^{2}\bullet 5^{1}\bullet 37^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m3_{-49}(\downarrow M6_{+49})^{1}} = (1) + \uparrow m6_{+42}(\downarrow M3_{-42})$

$13321 = 7^{1}\bullet 11^{1}\bullet 173^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow P4_{+22}(\downarrow P5_{-22})^{1}} = (1) + \uparrow m6_{+42}(\downarrow M3_{-42})$

$13322 = 2^{1}\bullet 6661^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m6_{+42}(\downarrow M3_{-42})^{1}} = (1) + \uparrow m6_{+42}(\downarrow M3_{-42})$

$13323 = 3^{1}\bullet 4441^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m2_{+40}(\downarrow M7_{-40})^{1}} = (1) + \uparrow m6_{+42}(\downarrow M3_{-42})$

$13324 = 2^{2}\bullet 3331^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m6_{+42}(\downarrow M3_{-42})^{1}} = (1) + \uparrow m6_{+42}(\downarrow M3_{-42})$

$13325 = 5^{2}\bullet 13^{1}\bullet 41^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow M3_{+29}(\downarrow m6_{-29})^{1}} = (1) + \uparrow m6_{+42}(\downarrow M3_{-42})$

$13326 = 2^{1}\bullet 3^{1}\bullet 2221^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m2_{+40}(\downarrow M7_{-40})^{1}} = (1) + \uparrow m6_{+42}(\downarrow M3_{-42})$

$13327 = 13327^{1} = \mathbf{(1) + \uparrow m6_{+42}(\downarrow M3_{-42})}$

$13328 = 2^4 \bullet 7^2 \bullet 17^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow m7_{-31}(\downarrow M2_{+31})^2 + \uparrow m2_{+5}(\downarrow M7_{-5})^1} = (1) + \uparrow m6_{+43}(\downarrow M3_{-43})$

$13329 = 3^2 \bullet 1481^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow tt_{+39}(\downarrow tt_{-39})^1} = (1) + \uparrow m6_{+43}(\downarrow M3_{-43})$

$13330 = 2^1 \bullet 5^1 \bullet 31^1 \bullet 43^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M7_{+45}(\downarrow m2_{-45})^1 + \uparrow P4_{+12}(\downarrow P5_{-12})^1} = (1) + \uparrow m6_{+43}(\downarrow M3_{-43})$

$13331 = 13331^1 = \mathbf{(1) + \uparrow m6_{+43}(\downarrow M3_{-43})}$

$13332 = 2^2 \bullet 3^1 \bullet 11^1 \bullet 101^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m6_{-10}(\downarrow M3_{+10})^1} = (1) + \uparrow m6_{+43}(\downarrow M3_{-43})$

$13333 = 67^1 \bullet 199^1 = \mathbf{(1) + \uparrow m2_{-21}(\downarrow M7_{+21})^1 + \uparrow m6_{-36}(\downarrow M3_{+36})^1} = (1) + \uparrow m6_{+43}(\downarrow M3_{-43})$

$13334 = 2^1 \bullet 59^1 \bullet 113^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M7_{-41}(\downarrow m2_{+41})^1 + \uparrow m7_{-16}(\downarrow M2_{+16})^1} = (1) + \uparrow m6_{+43}(\downarrow M3_{-43})$

$13335 = 3^1 \bullet 5^1 \bullet 7^1 \bullet 127^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow 8ve_{-14}(\downarrow uni_{+14})^1} =$

$(1) + \uparrow m6_{+44}(\downarrow M3_{-44})$

$13336 = 2^3 \bullet 1667^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow m6_{+44}(\downarrow M3_{-44})^1} = (1) + \uparrow m6_{+44}(\downarrow M3_{-44})$

$13337 = 13337^1 = \mathbf{(1) + \uparrow m6_{+44}(\downarrow M3_{-44})}$

$13338 = 2^1 \bullet 3^3 \bullet 13^1 \bullet 19^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1} = (1) + \uparrow m6_{+44}(\downarrow M3_{-44})$

$13339 = 13339^1 = \mathbf{(1) + \uparrow m6_{+44}(\downarrow M3_{-44})}$

$13340 = 2^2 \bullet 5^1 \bullet 23^1 \bullet 29^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1} = (1) + \uparrow m6_{+44}(\downarrow M3_{-44})$

$13341 = 3^1 \bullet 4447^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m2_{+42}(\downarrow M7_{-42})^1} = (1) + \uparrow m6_{+44}(\downarrow M3_{-44})$

$13342 = 2^1 \bullet 7^1 \bullet 953^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M7_{-24}(\downarrow m2_{+24})^1} = (1) + \uparrow m6_{+44}(\downarrow M3_{-44})$

$13343 = 11^1 \bullet 1213^1 = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m3_{-7}(\downarrow M6_{+7})^1} = (1) + \uparrow m6_{+45}(\downarrow M3_{-45})$

$13344 = 2^5 \bullet 3^1 \bullet 139^1 = \mathbf{(1) + \updownarrow 8ve(uni)^5 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m2_{+43}(\downarrow M7_{-43})^1} = (1) + \uparrow m6_{+45}(\downarrow M3_{-45})$

$13345 = 5^1 \bullet 17^1 \bullet 157^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow M3_{-46}(\downarrow m6_{+46})^1} = (1) + \uparrow m6_{+45}(\downarrow M3_{-45})$

$13346 = 2^1 \bullet 6673^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m6_{+45}(\downarrow M3_{-45})^1} = (1) + \uparrow m6_{+45}(\downarrow M3_{-45})$

$13347 = 3^2 \bullet 1483^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow tt_{+41}(\downarrow tt_{-41})^1} = (1) + \uparrow m6_{+45}(\downarrow M3_{-45})$

$13348 = 2^2 \bullet 47^1 \bullet 71^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{-34}(\downarrow P4_{+34})^1 + \uparrow M2_{-20}(\downarrow m7_{+20})^1} = (1) + \uparrow m6_{+45}(\downarrow M3_{-45})$

$13349 = 7^1 \bullet 1907^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M7_{-23}(\downarrow m2_{+23})^1} = (1) + \uparrow m6_{+45}(\downarrow M3_{-45})$

$13350 = 2^1 \bullet 3^1 \bullet 5^2 \bullet 89^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow tt_{-29}(\downarrow tt_{+29})^1} = (1) + \uparrow m6_{+45}(\downarrow M3_{-45})$

$13351 = 13^2 \bullet 79^1 = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^2 + \uparrow M3_{-35}(\downarrow m6_{+35})^1} = (1) + \uparrow m6_{+46}(\downarrow M3_{-46})$

$13352 = 2^3 \bullet 1669^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow m6_{+46}(\downarrow M3_{-46})^1} = (1) + \uparrow m6_{+46}(\downarrow M3_{-46})$

$13353 = 3^1 \bullet 4451^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m2_{+44}(\downarrow M7_{-44})^1} = (1) + \uparrow m6_{+46}(\downarrow M3_{-46})$

$13354 = 2^1 \bullet 11^1 \bullet 607^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m3_{-5}(\downarrow M6_{+5})^1} = (1) + \uparrow m6_{+46}(\downarrow M3_{-46})$

$13355 = 5^1 \bullet 2671^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow P4_{-40}(\downarrow P5_{+40})^1} = (1) + \uparrow m6_{+46}(\downarrow M3_{-46})$

$13356 = 2^2 \bullet 3^2 \bullet 7^1 \bullet 53^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M6_{-26}(\downarrow m3_{+26})^1} = (1) + \uparrow m6_{+46}(\downarrow M3_{-46})$

$13357 = 19^2 \bullet 37^1 = \mathbf{(1) + \uparrow m3_{-2}(\downarrow M6_{+2})^2 + \uparrow m3_{-49}(\downarrow M6_{+49})^1} = (1) + \uparrow m6_{+46}(\downarrow M3_{-46})$

$13358 = 2^1 \bullet 6679^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m6_{+46}(\downarrow M3_{-46})^1} = (1) + \uparrow m6_{+46}(\downarrow M3_{-46})$

$13359 = 3^1 \bullet 61^1 \bullet 73^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M7_{+17}(\downarrow m2_{-17})^1 + \uparrow M2_{+28}(\downarrow m7_{-28})^1} = (1) + \uparrow m6_{+47}(\downarrow M3_{-47})$

$13360 = 2^4 \bullet 5^1 \bullet 167^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow P4_{-40}(\downarrow P5_{+40})^1} = (1) + \uparrow m6_{+47}(\downarrow M3_{-47})$

$13361 = 31^1 \bullet 431^1 = \mathbf{(1) + \uparrow M7_{+45}(\downarrow m2_{-45})^1 + \uparrow M6_{+2}(\downarrow m3_{-2})^1} = (1) + \uparrow m6_{+47}(\downarrow M3_{-47})$

$13362 = 2^1 \bullet 3^1 \bullet 17^1 \bullet 131^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow uni_{+40}(\downarrow 8ve_{-40})^1} = (1) + \uparrow m6_{+47}(\downarrow M3_{-47})$

$13363 = 7^1 \bullet 23^1 \bullet 83^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow P4_{-50}(\downarrow P5_{+50})^1} = (1) + \uparrow m6_{+47}(\downarrow M3_{-47})$

$13364 = 2^2 \bullet 13^1 \bullet 257^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow uni_{+7}(\downarrow 8ve_{-7})^1} = (1) + \uparrow m6_{+47}(\downarrow M3_{-47})$

$13365 = 3^5 \bullet 5^1 \bullet 11^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^5 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1} = (1) + \uparrow m6_{+47}(\downarrow M3_{-47})$

$13366 = 2^1 \bullet 41^1 \bullet 163^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{+29}(\downarrow m6_{-29})^1 + \uparrow M3_{+18}(\downarrow m6_{-18})^1} = (1) + \uparrow m6_{+48}(\downarrow M3_{-48})$

$13367 = 13367^1 = \mathbf{(1) + \uparrow m6_{+48}(\downarrow M3_{-48})}$

$13368 = 2^3 \bullet 3^1 \bullet 557^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m2_{+46}(\downarrow M7_{-46})^1} = (1) + \uparrow m6_{+48}(\downarrow M3_{-48})$

$13369 = 29^1 \bullet 461^1 = \mathbf{(1) + \uparrow m7_{+30}(\downarrow M2_{-30})^1 + \uparrow m7_{+18}(\downarrow M2_{-18})^1} = (1) + \uparrow m6_{+48}(\downarrow M3_{-48})$

$13370 = 2^1 \bullet 5^1 \bullet 7^1 \bullet 191^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow P5_{-7}(\downarrow P4_{+7})^1} = (1) + \uparrow m6_{+48}(\downarrow M3_{-48})$

$13371 = 3^1 \bullet 4457^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m2_{+46}(\downarrow M7_{-46})^1} = (1) + \uparrow m6_{+48}(\downarrow M3_{-48})$

$13372 = 2^2 \bullet 3343^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m6_{+48}(\downarrow M3_{-48})^1} = (1) + \uparrow m6_{+48}(\downarrow M3_{-48})$

$13373 = 43^1 \bullet 311^1 = \mathbf{(1) + \uparrow P4_{+12}(\downarrow P5_{-12})^1 + \uparrow m3_{+37}(\downarrow M6_{-37})^1} = (1) + \uparrow m6_{+48}(\downarrow M3_{-48})$

$13374 = 2^1 \bullet 3^2 \bullet 743^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow tt_{+45}(\downarrow tt_{-45})^1} = (1) + \uparrow m6_{+49}(\downarrow M3_{-49})$

$13375 = 5^3 \bullet 107^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^3 + \uparrow M6_{-10}(\downarrow m3_{+10})^1} = (1) + \uparrow m6_{+49}(\downarrow M3_{-49})$

$13376 = 2^6 \bullet 11^1 \bullet 19^1 = \mathbf{(1) + \updownarrow 8ve(uni)^6 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1} = (1) + \uparrow m6_{+49}(\downarrow M3_{-49})$

$13377 = 3^1 \bullet 7^3 \bullet 13^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^3 + \uparrow m6_{+41}(\downarrow M3_{-41})^1} = (1) + \uparrow m6_{+49}(\downarrow M3_{-49})$

$13378 = 2^1 \bullet 6689^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m6_{+49}(\downarrow M3_{-49})^1} = (1) + \uparrow m6_{+49}(\downarrow M3_{-49})$

$13379 = 17^1 \bullet 787^1 = \mathbf{(1) + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow P5_{+44}(\downarrow P4_{-44})^1} = (1) + \uparrow m6_{+49}(\downarrow M3_{-49})$

$13380 = 2^2 \bullet 3^1 \bullet 5^1 \bullet 223^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-39}(\downarrow M2_{+39})^1} = (1) + \uparrow m6_{+49}(\downarrow M3_{-49})$

$13381 = 13381^1 = \mathbf{(1) + \uparrow m6_{+49}(\downarrow M3_{-49})}$

$13382 = 2^1 \bullet 6691^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m6_{+50}(\downarrow M3_{-50})^1} = (1) + \uparrow m6_{+50}(\downarrow M3_{-50})$

$13383 = 3^2 \bullet 1487^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow tt_{+46}(\downarrow tt_{-46})^1} = (1) + \uparrow m6_{+50}(\downarrow M3_{-50})$

$13384 = 2^3 \bullet 7^1 \bullet 239^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M7_{-19}(\downarrow m2_{+19})^1} = (1) + \uparrow m6_{+50}(\downarrow M3_{-50})$

$13385 = 5^1 \bullet 2677^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow P4_{-36}(\downarrow P5_{+36})^1} = (1) + \uparrow m6_{+50}(\downarrow M3_{-50})$

$13386 = 2^1 \bullet 3^1 \bullet 23^1 \bullet 97^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow P5_{+20}(\downarrow P4_{-20})^1} = (1) + \uparrow M6_{-50}(\downarrow m3_{+50})$

$13387 = 11^1 \bullet 1217^1 = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m3_{-1}(\downarrow M6_{+1})^1} = (1) + \uparrow M6_{-50}(\downarrow m3_{+50})$

$13388 = 2^2 \bullet 3347^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M6_{-50}(\downarrow m3_{+50})^1} = (1) + \uparrow M6_{-50}(\downarrow m3_{+50})$

$13389 = 3^1 \bullet 4463^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m2_{+49}(\downarrow M7_{-49})^1} = (1) + \uparrow M6_{-49}(\downarrow m3_{+49})$

$13390 = 2^1 \bullet 5^1 \bullet 13^1 \bullet 103^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow m6_{+24}(\downarrow M3_{-24})^1} = (1) + \uparrow M6_{-49}(\downarrow m3_{+49})$

$13391 = 7^1 \bullet 1913^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M7_{-18}(\downarrow m2_{+18})^1} = (1) + \uparrow M6_{-49}(\downarrow m3_{+49})$

$13392 = 2^4 \bullet 3^3 \bullet 31^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow M7_{+45}(\downarrow m2_{-45})^1} = (1) + \uparrow M6_{-49}(\downarrow m3_{+49})$

$13393 = 59^1 \bullet 227^1 = \mathbf{(1) + \uparrow M7_{-41}(\downarrow m2_{+41})^1 + \uparrow m7_{-8}(\downarrow M2_{+8})^1} = (1) + \uparrow M6_{-49}(\downarrow m3_{+49})$

$13394 = 2^1 \bullet 37^1 \bullet 181^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m3_{-49}(\downarrow M6_{+49})^1 + \uparrow tt_{+0}(\downarrow tt_{-0})^1} = (1) + \uparrow M6_{-49}(\downarrow m3_{+49})$

$13395 = 3^1 \bullet 5^1 \bullet 19^1 \bullet 47^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow P5_{-34}(\downarrow P4_{+34})^1} = (1) + \uparrow M6_{-49}(\downarrow m3_{+49})$

$13396 = 2^2 \bullet 17^1 \bullet 197^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow P5_{+46}(\downarrow P4_{-46})^1} = (1) + \uparrow M6_{-49}(\downarrow m3_{+49})$

$13397 = 13397^1 = \mathbf{(1) + \uparrow M6_{-48}(\downarrow m3_{+48})}$

$13398 = 2^1 \bullet 3^1 \bullet 7^1 \bullet 11^1 \bullet 29^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1} =$

$(1) + \uparrow M6_{-48}(\downarrow m3_{+48})$

$13399 = 13399^1 = \mathbf{(1) + \uparrow M6_{-48}(\downarrow m3_{+48})}$

$13400 = 2^3 \bullet 5^2 \bullet 67^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow m2_{-21}(\downarrow M7_{+21})^1} = (1) + \uparrow M6_{-48}(\downarrow m3_{+48})$

$13401 = 3^2 \bullet 1489^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow tt_{+48}(\downarrow tt_{-48})^1} = (1) + \uparrow M6_{-48}(\downarrow m3_{+48})$

$13402 = 2^1 \bullet 6701^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M6_{-48}(\downarrow m3_{+48})^1} = (1) + \uparrow M6_{-48}(\downarrow m3_{+48})$

$13403 = 13^1 \bullet 1031^1 = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow uni_{+12}(\downarrow 8ve_{-12})^1} = (1) + \uparrow M6_{-48}(\downarrow m3_{+48})$

$13404 = 2^2 \bullet 3^1 \bullet 1117^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M2_{-50}(\downarrow m7_{+50})^1} = (1) + \uparrow M6_{-48}(\downarrow m3_{+48})$

$13405 = 5^1 \bullet 7^1 \bullet 383^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow P5_{-3}(\downarrow P4_{+3})^1} = (1) + \uparrow M6_{-47}(\downarrow m3_{+47})$

$13406 = 2^1 \bullet 6703^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M6_{-47}(\downarrow m3_{+47})^1} = (1) + \uparrow M6_{-47}(\downarrow m3_{+47})$

$13407 = 3^1 \bullet 41^1 \bullet 109^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{+29}(\downarrow m6_{-29})^1 + \uparrow M6_{+22}(\downarrow m3_{-22})^1} = (1) + \uparrow M6_{-47}(\downarrow m3_{+47})$

$13408 = 2^5 \bullet 419^1 = \mathbf{(1) + \updownarrow 8ve(uni)^5 + \uparrow M6_{-47}(\downarrow m3_{+47})^1} = (1) + \uparrow M6_{-47}(\downarrow m3_{+47})$

$13409 = 11^1 \bullet 23^1 \bullet 53^1 = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow M6_{-26}(\downarrow m3_{+26})^1} = (1) + \uparrow M6_{-47}(\downarrow m3_{+47})$

$13410 = 2^1 \bullet 3^2 \bullet 5^1 \bullet 149^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m3_{-37}(\downarrow M6_{+37})^1} = (1) + \uparrow M6_{-47}(\downarrow m3_{+47})$

$13411 = 13411^1 = \mathbf{(1) + \uparrow M6_{-47}(\downarrow m3_{+47})}$

$13412 = 2^2 \bullet 7^1 \bullet 479^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M7_{-15}(\downarrow m2_{+15})^1} = (1) + \uparrow M6_{-47}(\downarrow m3_{+47})$

$13413 = 3^1 \bullet 17^1 \bullet 263^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow uni_{+47}(\downarrow 8ve_{-47})^1} = (1) + \uparrow M6_{-46}(\downarrow m3_{+46})$

$13414 = 2^1 \bullet 19^1 \bullet 353^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow tt_{-44}(\downarrow tt_{+44})^1} = (1) + \uparrow M6_{-46}(\downarrow m3_{+46})$

$13415 = 5^1 \bullet 2683^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow P4_{-32}(\downarrow P5_{+32})^1} = (1) + \uparrow M6_{-46}(\downarrow m3_{+46})$

$13416 = 2^3 \bullet 3^1 \bullet 13^1 \bullet 43^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow P4_{+12}(\downarrow P5_{-12})^1} = (1) + \uparrow M6_{-46}(\downarrow m3_{+46})$

$13417 = 13417^1 = \mathbf{(1) + \uparrow M6_{-46}(\downarrow m3_{+46})}$

$13418 = 2^1 \bullet 6709^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M6_{-46}(\downarrow m3_{+46})^1} = (1) + \uparrow M6_{-46}(\downarrow m3_{+46})$

$13419 = 3^3 \bullet 7^1 \bullet 71^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M2_{-20}(\downarrow m7_{+20})^1} = (1) + \uparrow M6_{-46}(\downarrow m3_{+46})$

$13420 = 2^2 \bullet 5^1 \bullet 11^1 \bullet 61^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow M7_{+17}(\downarrow m2_{-17})^1} = (1) + \uparrow M6_{-45}(\downarrow m3_{+45})$

$13421 = 13421^1 = \mathbf{(1) + \uparrow M6_{-45}(\downarrow m3_{+45})}$

$13422 = 2^1 \bullet 3^1 \bullet 2237^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M2_{-47}(\downarrow m7_{+47})^1} = (1) + \uparrow M6_{-45}(\downarrow m3_{+45})$

$13423 = 31^1 \bullet 433^1 = \mathbf{(1) + \uparrow M7_{+45}(\downarrow m2_{-45})^1 + \uparrow M6_{+10}(\downarrow m3_{-10})^1} = (1) + \uparrow M6_{-45}(\downarrow m3_{+45})$

$13424 = 2^4 \bullet 839^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow M6_{-45}(\downarrow m3_{+45})^1} = (1) + \uparrow M6_{-45}(\downarrow m3_{+45})$

$13425 = 3^1 \bullet 5^2 \bullet 179^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow tt_{-19}(\downarrow tt_{+19})^1} = (1) + \uparrow M6_{-45}(\downarrow m3_{+45})$

$13426 = 2^1 \bullet 7^2 \bullet 137^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^2 + \uparrow m2_{+18}(\downarrow M7_{-18})^1} = (1) + \uparrow M6_{-45}(\downarrow m3_{+45})$

$13427 = 29^1 \bullet 463^1 = \mathbf{(1) + \uparrow m7_{+30}(\downarrow M2_{-30})^1 + \uparrow m7_{+26}(\downarrow M2_{-26})^1} = (1) + \uparrow M6_{-45}(\downarrow m3_{+45})$

$13428 = 2^2 \bullet 3^2 \bullet 373^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow P5_{-48}(\downarrow P4_{+48})^1} = (1) + \uparrow M6_{-44}(\downarrow m3_{+44})$

$13429 = 13^1 \bullet 1033^1 = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow uni_{+15}(\downarrow 8ve_{-15})^1} = (1) + \uparrow M6_{-44}(\downarrow m3_{+44})$

$13430 = 2^1 \bullet 5^1 \bullet 17^1 \bullet 79^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow M3_{-35}(\downarrow m6_{+35})^1} = (1) + \uparrow M6_{-44}(\downarrow m3_{+44})$

$13431 = 3^1 \bullet 11^2 \bullet 37^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^2 + \uparrow m3_{-49}(\downarrow M6_{+49})^1} = (1) + \uparrow M6_{-44}(\downarrow m3_{+44})$

$13432 = 2^3 \bullet 23^1 \bullet 73^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow M2_{+28}(\downarrow m7_{-28})^1} = (1) + \uparrow M6_{-44}(\downarrow m3_{+44})$

$13433 = 7^1 \bullet 19^1 \bullet 101^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow m6_{-10}(\downarrow M3_{+10})^1} = (1) + \uparrow M6_{-44}(\downarrow m3_{+44})$

$13434 = 2^1 \bullet 3^1 \bullet 2239^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M2_{-46}(\downarrow m7_{+46})^1} = (1) + \uparrow M6_{-44}(\downarrow m3_{+44})$

$13435 = 5^1 \bullet 2687^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow P4_{-30}(\downarrow P5_{+30})^1} = (1) + \uparrow M6_{-44}(\downarrow m3_{+44})$

$13436 = 2^2 \bullet 3359^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M6_{-43}(\downarrow m3_{+43})^1} = (1) + \uparrow M6_{-43}(\downarrow m3_{+43})$

$13437 = 3^2 \bullet 1493^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow P5_{-47}(\downarrow P4_{+47})^1} = (1) + \uparrow M6_{-43}(\downarrow m3_{+43})$

$13438 = 2^1 \bullet 6719^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M6_{-43}(\downarrow m3_{+43})^1} = (1) + \uparrow M6_{-43}(\downarrow m3_{+43})$

$13439 = 89^1 \bullet 151^1 = \mathbf{(1) + \uparrow tt_{-29}(\downarrow tt_{+29})^1 + \uparrow m3_{-14}(\downarrow M6_{+14})^1} = (1) + \uparrow M6_{-43}(\downarrow m3_{+43})$

$13440 = 2^7 \bullet 3^1 \bullet 5^1 \bullet 7^1 = \mathbf{(1) + \updownarrow 8ve(uni)^7 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1} = (1) + \uparrow M6_{-43}(\downarrow m3_{+43})$

$13441 = 13441^1 = \mathbf{(1) + \uparrow M6_{-43}(\downarrow m3_{+43})}$

$13442 = 2^1 \bullet 11^1 \bullet 13^1 \bullet 47^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow P5_{-34}(\downarrow P4_{+34})^1} = (1) + \uparrow M6_{-43}(\downarrow m3_{+43})$

$13443 = 3^1 \bullet 4481^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M2_{-44}(\downarrow m7_{+44})^1} = (1) + \uparrow M6_{-43}(\downarrow m3_{+43})$

$13444 = 2^2 \bullet 3361^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M6_{-42}(\downarrow m3_{+42})^1} = (1) + \uparrow M6_{-42}(\downarrow m3_{+42})$

$13445 = 5^1 \bullet 2689^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow P4_{-29}(\downarrow P5_{+29})^1} = (1) + \uparrow M6_{-42}(\downarrow m3_{+42})$

$13446 = 2^1 \bullet 3^4 \bullet 83^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^4 + \uparrow P4_{-50}(\downarrow P5_{+50})^1} = (1) + \uparrow M6_{-42}(\downarrow m3_{+42})$

$13447 = 7^1 \bullet 17^1 \bullet 113^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow m7_{-16}(\downarrow M2_{+16})^1} = (1) + \uparrow M6_{-42}(\downarrow m3_{+42})$

$13448 = 2^3 \bullet 41^2 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow M3_{+29}(\downarrow m6_{-29})^2} = (1) + \uparrow M6_{-42}(\downarrow m3_{+42})$

$13449 = 3^1 \bullet 4483^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M2_{-44}(\downarrow m7_{+44})^1} = (1) + \uparrow M6_{-42}(\downarrow m3_{+42})$

$13450 = 2^1 \bullet 5^2 \bullet 269^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow m2_{-14}(\downarrow M7_{+14})^1} = (1) + \uparrow M6_{-42}(\downarrow m3_{+42})$

$13451 = 13451^1 = \mathbf{(1) + \uparrow M6_{-41}(\downarrow m3_{+41})}$

$13452 = 2^2 \bullet 3^1 \bullet 19^1 \bullet 59^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow M7_{-41}(\downarrow m2_{+41})^1} = (1) + \uparrow M6_{-41}(\downarrow m3_{+41})$

$13453 = 11^1 \bullet 1223^1 = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m3_{+7}(\downarrow M6_{-7})^1} = (1) + \uparrow M6_{-41}(\downarrow m3_{+41})$

$13454 = 2^1 \bullet 7^1 \bullet 31^2 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M7_{+45}(\downarrow m2_{-45})^2} = (1) + \uparrow M6_{-41}(\downarrow m3_{+41})$

$13455 = 3^2 \bullet 5^1 \bullet 13^1 \bullet 23^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1} = (1) + \uparrow M6_{-41}(\downarrow m3_{+41})$

$13456 = 2^4 \bullet 29^2 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow m7_{+30}(\downarrow M2_{-30})^2} = (1) + \uparrow M6_{-41}(\downarrow m3_{+41})$

$13457 = 13457^1 = \mathbf{(1) + \uparrow M6_{-41}(\downarrow m3_{+41})}$

$13458 = 2^1 \bullet 3^1 \bullet 2243^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M2_{-43}(\downarrow m7_{+43})^1} = (1) + \uparrow M6_{-41}(\downarrow m3_{+41})$

$13459 = 43^1 \bullet 313^1 = \mathbf{(1) + \uparrow P4_{+12}(\downarrow P5_{-12})^1 + \uparrow m3_{+48}(\downarrow M6_{-48})^1} = (1) + \uparrow M6_{-40}(\downarrow m3_{+40})$

$13460 = 2^2 \bullet 5^1 \bullet 673^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow P4_{-27}(\downarrow P5_{+27})^1} = (1) + \uparrow M6_{-40}(\downarrow m3_{+40})$

$13461 = 3^1 \bullet 7^1 \bullet 641^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M3_{-11}(\downarrow m6_{+11})^1} = (1) + \uparrow M6_{-40}(\downarrow m3_{+40})$

$13462 = 2^1 \bullet 53^1 \bullet 127^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M6_{-26}(\downarrow m3_{+26})^1 + \uparrow 8ve_{-14}(\downarrow uni_{+14})^1} = (1) + \uparrow M6_{-40}(\downarrow m3_{+40})$

$13463 = 13463^1 = \mathbf{(1) + \uparrow M6_{-40}(\downarrow m3_{+40})}$

$13464 = 2^3 \bullet 3^2 \bullet 11^1 \bullet 17^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1} = (1) + \uparrow M6_{-40}(\downarrow m3_{+40})$

$13465 = 5^1 \bullet 2693^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow P4_{-26}(\downarrow P5_{+26})^1} = (1) + \uparrow M6_{-40}(\downarrow m3_{+40})$

$13466 = 2^1 \bullet 6733^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M6_{-40}(\downarrow m3_{+40})^1} = (1) + \uparrow M6_{-40}(\downarrow m3_{+40})$

$13467 = 3^1 \bullet 67^2 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m2_{-21}(\downarrow M7_{+21})^2} = (1) + \uparrow M6_{-39}(\downarrow m3_{+39})$

$13468 = 2^2 \bullet 7^1 \bullet 13^1 \bullet 37^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow m3_{-49}(\downarrow M6_{+49})^1} = (1) + \uparrow M6_{-39}(\downarrow m3_{+39})$

$13469 = 13469^1 = \mathbf{(1) + \uparrow M6_{-39}(\downarrow m3_{+39})}$

$13470 = 2^1 \bullet 3^1 \bullet 5^1 \bullet 449^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-27}(\downarrow M2_{+27})^1} = (1) + \uparrow M6_{-39}(\downarrow m3_{+39})$

$13471 = 19^1 \bullet 709^1 = \mathbf{(1) + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow tt_{-36}(\downarrow tt_{+36})^1} = (1) + \uparrow M6_{-39}(\downarrow m3_{+39})$

$13472 = 2^5 \bullet 421^1 = \mathbf{(1) + \updownarrow 8ve(uni)^5 + \uparrow M6_{-39}(\downarrow m3_{+39})^1} = (1) + \uparrow M6_{-39}(\downarrow m3_{+39})$

$13473 = 3^3 \bullet 499^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow 8ve_{-45}(\downarrow uni_{+45})^1} = (1) + \uparrow M6_{-39}(\downarrow m3_{+39})$

$13474 = 2^1 \bullet 6737^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M6_{-39}(\downarrow m3_{+39})^1} = (1) + \uparrow M6_{-39}(\downarrow m3_{+39})$

$13475 = 5^2 \bullet 7^2 \bullet 11^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow m7_{-31}(\downarrow M2_{+31})^2 + \uparrow tt_{-49}(\downarrow tt_{+49})^1} = (1) + \uparrow M6_{-38}(\downarrow m3_{+38})$

$13476 = 2^2 \bullet 3^1 \bullet 1123^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M2_{-40}(\downarrow m7_{+40})^1} = (1) + \uparrow M6_{-38}(\downarrow m3_{+38})$

$13477 = 13477^1 = \mathbf{(1) + \uparrow M6_{-38}(\downarrow m3_{+38})}$

$13478 = 2^1 \bullet 23^1 \bullet 293^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow M2_{+34}(\downarrow m7_{-34})^1} = (1) + \uparrow M6_{-38}(\downarrow m3_{+38})$

$13479 = 3^1 \bullet 4493^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M2_{-40}(\downarrow m7_{+40})^1} = (1) + \uparrow M6_{-38}(\downarrow m3_{+38})$

$13480 = 2^3 \bullet 5^1 \bullet 337^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow P4_{-24}(\downarrow P5_{+24})^1} = (1) + \uparrow M6_{-38}(\downarrow m3_{+38})$

$13481 = 13^1 \bullet 17^1 \bullet 61^1 = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow M7_{+17}(\downarrow m2_{-17})^1} = (1) + \uparrow M6_{-38}(\downarrow m3_{+38})$

$13482 = 2^1 \bullet 3^2 \bullet 7^1 \bullet 107^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M6_{-10}(\downarrow m3_{+10})^1} = (1) + \uparrow M6_{-38}(\downarrow m3_{+38})$

$13483 = 97^1 \bullet 139^1 = \mathbf{(1) + \uparrow P5_{+20}(\downarrow P4_{-20})^1 + \uparrow m2_{+43}(\downarrow M7_{-43})^1} = (1) + \uparrow M6_{-37}(\downarrow m3_{+37})$

$13484 = 2^2 \bullet 3371^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M6_{-37}(\downarrow m3_{+37})^1} = (1) + \uparrow M6_{-37}(\downarrow m3_{+37})$

$13485 = 3^1 \bullet 5^1 \bullet 29^1 \bullet 31^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1 + \uparrow M7_{+45}(\downarrow m2_{-45})^1} =$

$(1) + \uparrow M6_{-37}(\downarrow m3_{+37})$

$13486 = 2^1 \bullet 11^1 \bullet 613^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m3_{+12}(\downarrow M6_{-12})^1} = (1) + \uparrow M6_{-37}(\downarrow m3_{+37})$

$13487 = 13487^1 = \mathbf{(1) + \uparrow M6_{-37}(\downarrow m3_{+37})}$

$13488 = 2^4 \bullet 3^1 \bullet 281^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M2_{-39}(\downarrow m7_{+39})^1} = (1) + \uparrow M6_{-37}(\downarrow m3_{+37})$

$13489 = 7^1 \bullet 41^1 \bullet 47^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M3_{+29}(\downarrow m6_{-29})^1 + \uparrow P5_{-34}(\downarrow P4_{+34})^1} = (1) + \uparrow M6_{-37}(\downarrow m3_{+37})$

$13490 = 2^1 \bullet 5^1 \bullet 19^1 \bullet 71^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow M2_{-20}(\downarrow m7_{+20})^1} = (1) + \uparrow M6_{-36}(\downarrow m3_{+36})$

$13491 = 3^2 \bullet 1499^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow P5_{-40}(\downarrow P4_{+40})^1} = (1) + \uparrow M6_{-36}(\downarrow m3_{+36})$

$13492 = 2^2 \bullet 3373^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M6_{-36}(\downarrow m3_{+36})^1} = (1) + \uparrow M6_{-36}(\downarrow m3_{+36})$

$13493 = 103^1 \bullet 131^1 = \mathbf{(1) + \uparrow m6_{+24}(\downarrow M3_{-24})^1 + \uparrow uni_{+40}(\downarrow 8ve_{-40})^1} = (1) + \uparrow M6_{-36}(\downarrow m3_{+36})$

$13494 = 2^1 \bullet 3^1 \bullet 13^1 \bullet 173^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow P4_{+22}(\downarrow P5_{-22})^1} = (1) + \uparrow M6_{-36}(\downarrow m3_{+36})$

$13495 = 5^1 \bullet 2699^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow P4_{-22}(\downarrow P5_{+22})^1} = (1) + \uparrow M6_{-36}(\downarrow m3_{+36})$

$13496 = 2^3 \bullet 7^1 \bullet 241^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M7_{-5}(\downarrow m2_{+5})^1} = (1) + \uparrow M6_{-36}(\downarrow m3_{+36})$

$13497 = 3^1 \bullet 11^1 \bullet 409^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m6_{+11}(\downarrow M3_{-11})^1} = (1) + \uparrow M6_{-36}(\downarrow m3_{+36})$

$13498 = 2^1 \bullet 17^1 \bullet 397^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow m6_{-40}(\downarrow M3_{+40})^1} = (1) + \uparrow M6_{-35}(\downarrow m3_{+35})$

$13499 = 13499^1 = \mathbf{(1) + \uparrow M6_{-35}(\downarrow m3_{+35})}$

$13500 = 2^2 \bullet 3^3 \bullet 5^3 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow M3_{-14}(\downarrow m6_{+14})^3} = (1) + \uparrow M6_{-35}(\downarrow m3_{+35})$

$13501 = 23^1 \bullet 587^1 = \mathbf{(1) + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow M2_{+37}(\downarrow m7_{-37})^1} = (1) + \uparrow M6_{-35}(\downarrow m3_{+35})$

$13502 = 2^1 \bullet 43^1 \bullet 157^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P4_{+12}(\downarrow P5_{-12})^1 + \uparrow M3_{-46}(\downarrow m6_{+46})^1} = (1) + \uparrow M6_{-35}(\downarrow m3_{+35})$

$13503 = 3^1 \bullet 7^1 \bullet 643^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M3_{-6}(\downarrow m6_{+6})^1} = (1) + \uparrow M6_{-35}(\downarrow m3_{+35})$

$13504 = 2^6 \bullet 211^1 = \mathbf{(1) + \updownarrow 8ve(uni)^6 + \uparrow M6_{-35}(\downarrow m3_{+35})^1} = (1) + \uparrow M6_{-35}(\downarrow m3_{+35})$

$13505 = 5^1 \bullet 37^1 \bullet 73^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m3_{-49}(\downarrow M6_{+49})^1 + \uparrow M2_{+28}(\downarrow m7_{-28})^1} = (1) + \uparrow M6_{-35}(\downarrow m3_{+35})$

$13506 = 2^1 \bullet 3^1 \bullet 2251^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M2_{-36}(\downarrow m7_{+36})^1} = (1) + \uparrow M6_{-34}(\downarrow m3_{+34})$

$13507 = 13^1 \bullet 1039^1 = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow uni_{+25}(\downarrow 8ve_{-25})^1} = (1) + \uparrow M6_{-34}(\downarrow m3_{+34})$

$13508 = 2^2 \bullet 11^1 \bullet 307^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m3_{+15}(\downarrow M6_{-15})^1} = (1) + \uparrow M6_{-34}(\downarrow m3_{+34})$

$13509 = 3^2 \bullet 19^1 \bullet 79^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow M3_{-35}(\downarrow m6_{+35})^1} = (1) + \uparrow M6_{-34}(\downarrow m3_{+34})$

$13510 = 2^1 \bullet 5^1 \bullet 7^1 \bullet 193^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow P5_{+11}(\downarrow P4_{-11})^1} = (1) + \uparrow M6_{-34}(\downarrow m3_{+34})$

$13511 = 59^1 \bullet 229^1 = \mathbf{(1) + \uparrow M7_{-41}(\downarrow m2_{+41})^1 + \uparrow m7_{+7}(\downarrow M2_{-7})^1} = (1) + \uparrow M6_{-34}(\downarrow m3_{+34})$

$13512 = 2^3 \bullet 3^1 \bullet 563^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M2_{-36}(\downarrow m7_{+36})^1} = (1) + \uparrow M6_{-34}(\downarrow m3_{+34})$

$13513 = 13513^1 = \mathbf{(1) + \uparrow M6_{-34}(\downarrow m3_{+34})}$

$13514 = 2^1 \bullet 29^1 \bullet 233^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1 + \uparrow m7_{+37}(\downarrow M2_{-37})^1} = (1) + \uparrow M6_{-33}(\downarrow m3_{+33})$

$13515 = 3^1 \bullet 5^1 \bullet 17^1 \bullet 53^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow M6_{-26}(\downarrow m3_{+26})^1} = (1) + \uparrow M6_{-33}(\downarrow m3_{+33})$

$13516 = 2^2 \bullet 31^1 \bullet 109^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M7_{+45}(\downarrow m2_{-45})^1 + \uparrow M6_{+22}(\downarrow m3_{-22})^1} = (1) + \uparrow M6_{-33}(\downarrow m3_{+33})$

$13517 = 7^1 \bullet 1931^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M7_{-2}(\downarrow m2_{+2})^1} = (1) + \uparrow M6_{-33}(\downarrow m3_{+33})$

$13518 = 2^1 \bullet 3^2 \bullet 751^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow P5_{-37}(\downarrow P4_{+37})^1} = (1) + \uparrow M6_{-33}(\downarrow m3_{+33})$

$13519 = 11^1 \bullet 1229^1 = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m3_{+16}(\downarrow M6_{-16})^1} = (1) + \uparrow M6_{-33}(\downarrow m3_{+33})$

$13520 = 2^4 \bullet 5^1 \bullet 13^2 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^2} = (1) + \uparrow M6_{-33}(\downarrow m3_{+33})$

$13521 = 3^1 \bullet 4507^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M2_{-34}(\downarrow m7_{+34})^1} = (1) + \uparrow M6_{-33}(\downarrow m3_{+33})$

$13522 = 2^1 \bullet 6761^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M6_{-32}(\downarrow m3_{+32})^1} = (1) + \uparrow M6_{-32}(\downarrow m3_{+32})$

$13523 = 13523^1 = \mathbf{(1) + \uparrow M6_{-32}(\downarrow m3_{+32})}$

$13524 = 2^2 \bullet 3^1 \bullet 7^2 \bullet 23^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^2 + \uparrow tt_{+28}(\downarrow tt_{-28})^1} = (1) + \uparrow M6_{-32}(\downarrow m3_{+32})$

$13525 = 5^2 \bullet 541^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow m2_{-5}(\downarrow M7_{+5})^1} = (1) + \uparrow M6_{-32}(\downarrow m3_{+32})$

$13526 = 2^1 \bullet 6763^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M6_{-32}(\downarrow m3_{+32})^1} = (1) + \uparrow M6_{-32}(\downarrow m3_{+32})$

$13527 = 3^4 \bullet 167^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^4 + \uparrow P4_{-40}(\downarrow P5_{+40})^1} = (1) + \uparrow M6_{-32}(\downarrow m3_{+32})$

$13528 = 2^3 \bullet 19^1 \bullet 89^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow tt_{-29}(\downarrow tt_{+29})^1} = (1) + \uparrow M6_{-32}(\downarrow m3_{+32})$

$13529 = 83^1 \bullet 163^1 = \mathbf{(1) + \uparrow P4_{-50}(\downarrow P5_{+50})^1 + \uparrow M3_{+18}(\downarrow m6_{-18})^1} = (1) + \uparrow M6_{-31}(\downarrow m3_{+31})$

$13530 = 2^1 \bullet 3^1 \bullet 5^1 \bullet 11^1 \bullet 41^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow M3_{+29}(\downarrow m6_{-29})^1} =$

$(1) + \uparrow M6_{-31}(\downarrow m3_{+31})$

$13531 = 7^1 \bullet 1933^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M7_{+0}(\downarrow m2_{-0})^1} = (1) + \uparrow M6_{-31}(\downarrow m3_{+31})$

$13532 = 2^2 \bullet 17^1 \bullet 199^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow m6_{-36}(\downarrow M3_{+36})^1} = (1) + \uparrow M6_{-31}(\downarrow m3_{+31})$

$13533 = 3^1 \bullet 13^1 \bullet 347^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow P4_{+27}(\downarrow P5_{-27})^1} = (1) + \uparrow M6_{-31}(\downarrow m3_{+31})$

$13534 = 2^{1}\bullet 67^{1}\bullet 101^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m2_{-21}(\downarrow M7_{+21})^{1} + \uparrow m6_{-10}(\downarrow M3_{+10})^{1}} = (1) + \uparrow M6_{-31}(\downarrow m3_{+31})$

$13535 = 5^{1}\bullet 2707^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow P4_{-17}(\downarrow P5_{+17})^{1}} = (1) + \uparrow M6_{-31}(\downarrow m3_{+31})$

$13536 = 2^{5}\bullet 3^{2}\bullet 47^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{5} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow P5_{-34}(\downarrow P4_{+34})^{1}} = (1) + \uparrow M6_{-31}(\downarrow m3_{+31})$

$13537 = 13537^{1} = \mathbf{(1) + \uparrow M6_{-30}(\downarrow m3_{+30})}$

$13538 = 2^{1}\bullet 7^{1}\bullet 967^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M7_{+1}(\downarrow m2_{-1})^{1}} = (1) + \uparrow M6_{-30}(\downarrow m3_{+30})$

$13539 = 3^{1}\bullet 4513^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M2_{-32}(\downarrow m7_{+32})^{1}} = (1) + \uparrow M6_{-30}(\downarrow m3_{+30})$

$13540 = 2^{2}\bullet 5^{1}\bullet 677^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow P4_{-16}(\downarrow P5_{+16})^{1}} = (1) + \uparrow M6_{-30}(\downarrow m3_{+30})$

$13541 = 11^{1}\bullet 1231^{1} = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m3_{+19}(\downarrow M6_{-19})^{1}} = (1) + \uparrow M6_{-30}(\downarrow m3_{+30})$

$13542 = 2^{1}\bullet 3^{1}\bullet 37^{1}\bullet 61^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m3_{-49}(\downarrow M6_{+49})^{1} + \uparrow M7_{+17}(\downarrow m2_{-17})^{1}} = (1) + \uparrow M6_{-30}(\downarrow m3_{+30})$

$13543 = 29^{1}\bullet 467^{1} = \mathbf{(1) + \uparrow m7_{+30}(\downarrow M2_{-30})^{1} + \uparrow m7_{+41}(\downarrow M2_{-41})^{1}} = (1) + \uparrow M6_{-30}(\downarrow m3_{+30})$

$13544 = 2^{3}\bullet 1693^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow M6_{-30}(\downarrow m3_{+30})^{1}} = (1) + \uparrow M6_{-30}(\downarrow m3_{+30})$

$13545 = 3^{2}\bullet 5^{1}\bullet 7^{1}\bullet 43^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow P4_{+12}(\downarrow P5_{-12})^{1}} = (1) + \uparrow M6_{-29}(\downarrow m3_{+29})$

$13546 = 2^{1}\bullet 13^{1}\bullet 521^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow uni_{+30}(\downarrow 8ve_{-30})^{1}} = (1) + \uparrow M6_{-29}(\downarrow m3_{+29})$

$13547 = 19^{1}\bullet 23^{1}\bullet 31^{1} = \mathbf{(1) + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1}} = (1) + \uparrow M6_{-29}(\downarrow m3_{+29})$

$13548 = 2^{2}\bullet 3^{1}\bullet 1129^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M2_{-31}(\downarrow m7_{+31})^{1}} = (1) + \uparrow M6_{-29}(\downarrow m3_{+29})$

$13549 = 17^{1}\bullet 797^{1} = \mathbf{(1) + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow m6_{-34}(\downarrow M3_{+34})^{1}} = (1) + \uparrow M6_{-29}(\downarrow m3_{+29})$

$13550 = 2^{1}\bullet 5^{2}\bullet 271^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow m2_{-1}(\downarrow M7_{+1})^{1}} = (1) + \uparrow M6_{-29}(\downarrow m3_{+29})$

$13551 = 3^{1}\bullet 4517^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M2_{-31}(\downarrow m7_{+31})^{1}} = (1) + \uparrow M6_{-29}(\downarrow m3_{+29})$

$13552 = 2^{4}\bullet 7^{1}\bullet 11^{2} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{2}} = (1) + \uparrow M6_{-29}(\downarrow m3_{+29})$

$13553 = 13553^{1} = \mathbf{(1) + \uparrow M6_{-28}(\downarrow m3_{+28})}$

$13554 = 2^{1}\bullet 3^{3}\bullet 251^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow 8ve_{-34}(\downarrow uni_{+34})^{1}} = (1) + \uparrow M6_{-28}(\downarrow m3_{+28})$

$13555 = 5^{1}\bullet 2711^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow P4_{-14}(\downarrow P5_{+14})^{1}} = (1) + \uparrow M6_{-28}(\downarrow m3_{+28})$

$13556 = 2^{2}\bullet 3389^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M6_{-28}(\downarrow m3_{+28})^{1}} = (1) + \uparrow M6_{-28}(\downarrow m3_{+28})$

$13557 = 3^{1}\bullet 4519^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M2_{-30}(\downarrow m7_{+30})^{1}} = (1) + \uparrow M6_{-28}(\downarrow m3_{+28})$

$13558 = 2^{1}\bullet 6779^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M6_{-28}(\downarrow m3_{+28})^{1}} = (1) + \uparrow M6_{-28}(\downarrow m3_{+28})$

$13559 = 7^{1}\bullet 13^{1}\bullet 149^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m3_{-37}(\downarrow M6_{+37})^{1}} = (1) + \uparrow M6_{-28}(\downarrow m3_{+28})$

$13560 = 2^{3}\bullet 3^{1}\bullet 5^{1}\bullet 113^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-16}(\downarrow M2_{+16})^{1}} = (1) + \uparrow M6_{-28}(\downarrow m3_{+28})$

$13561 = 71^{1}\bullet 191^{1} = \mathbf{(1) + \uparrow M2_{-20}(\downarrow m7_{+20})^{1} + \uparrow P5_{-7}(\downarrow P4_{+7})^{1}} = (1) + \uparrow M6_{-27}(\downarrow m3_{+27})$

$13562 = 2^{1}\bullet 6781^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M6_{-27}(\downarrow m3_{+27})^{1}} = (1) + \uparrow M6_{-27}(\downarrow m3_{+27})$

$13563 = 3^{2}\bullet 11^{1}\bullet 137^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m2_{+18}(\downarrow M7_{-18})^{1}} = (1) + \uparrow M6_{-27}(\downarrow m3_{+27})$

$13564 = 2^{2}\bullet 3391^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M6_{-27}(\downarrow m3_{+27})^{1}} = (1) + \uparrow M6_{-27}(\downarrow m3_{+27})$

$13565 = 5^{1}\bullet 2713^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow P4_{-13}(\downarrow P5_{+13})^{1}} = (1) + \uparrow M6_{-27}(\downarrow m3_{+27})$

$13566 = 2^{1}\bullet 3^{1}\bullet 7^{1}\bullet 17^{1}\bullet 19^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1}} =$
$(1) + \uparrow M6_{-27}(\downarrow m3_{+27})$

$13567 = 13567^{1} = \mathbf{(1) + \uparrow M6_{-27}(\downarrow m3_{+27})}$

$13568 = 2^{8}\bullet 53^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{8} + \uparrow M6_{-26}(\downarrow m3_{+26})^{1}} = (1) + \uparrow M6_{-26}(\downarrow m3_{+26})$

$13569 = 3^{1}\bullet 4523^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M2_{-28}(\downarrow m7_{+28})^{1}} = (1) + \uparrow M6_{-26}(\downarrow m3_{+26})$

$13570 = 2^{1}\bullet 5^{1}\bullet 23^{1}\bullet 59^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow M7_{-41}(\downarrow m2_{+41})^{1}} = (1) + \uparrow M6_{-26}(\downarrow m3_{+26})$

$13571 = 41^{1}\bullet 331^{1} = \mathbf{(1) + \uparrow M3_{+29}(\downarrow m6_{-29})^{1} + \uparrow M3_{+45}(\downarrow m6_{-45})^{1}} = (1) + \uparrow M6_{-26}(\downarrow m3_{+26})$

$13572 = 2^{2}\bullet 3^{2}\bullet 13^{1}\bullet 29^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1}} = (1) + \uparrow M6_{-26}(\downarrow m3_{+26})$

$13573 = 7^{2}\bullet 277^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{2} + \uparrow m2_{+36}(\downarrow M7_{-36})^{1}} = (1) + \uparrow M6_{-26}(\downarrow m3_{+26})$

$13574 = 2^{1}\bullet 11^{1}\bullet 617^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m3_{+23}(\downarrow M6_{-23})^{1}} = (1) + \uparrow M6_{-26}(\downarrow m3_{+26})$

$13575 = 3^1 \bullet 5^2 \bullet 181^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow tt_{+0}(\downarrow tt_{-0})^1} = (1) + \uparrow M6_{-26}(\downarrow m3_{+26})$

$13576 = 2^3 \bullet 1697^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow M6_{-25}(\downarrow m3_{+25})^1} = (1) + \uparrow M6_{-25}(\downarrow m3_{+25})$

$13577 = 13577^1 = \mathbf{(1) + \uparrow M6_{-25}(\downarrow m3_{+25})}$

$13578 = 2^1 \bullet 3^1 \bullet 31^1 \bullet 73^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M7_{+45}(\downarrow m2_{-45})^1 + \uparrow M2_{+28}(\downarrow m7_{-28})^1} = (1) + \uparrow M6_{-25}(\downarrow m3_{+25})$

$13579 = 37^1 \bullet 367^1 = \mathbf{(1) + \uparrow m3_{-49}(\downarrow M6_{+49})^1 + \uparrow tt_{+24}(\downarrow tt_{-24})^1} = (1) + \uparrow M6_{-25}(\downarrow m3_{+25})$

$13580 = 2^2 \bullet 5^1 \bullet 7^1 \bullet 97^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow P5_{+20}(\downarrow P4_{-20})^1} = (1) + \uparrow M6_{-25}(\downarrow m3_{+25})$

$13581 = 3^3 \bullet 503^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow 8ve_{-31}(\downarrow uni_{+31})^1} = (1) + \uparrow M6_{-25}(\downarrow m3_{+25})$

$13582 = 2^1 \bullet 6791^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M6_{-25}(\downarrow m3_{+25})^1} = (1) + \uparrow M6_{-25}(\downarrow m3_{+25})$

$13583 = 17^2 \bullet 47^1 = \mathbf{(1) + \uparrow m2_{+5}(\downarrow M7_{-5})^2 + \uparrow P5_{-34}(\downarrow P4_{+34})^1} = (1) + \uparrow M6_{-25}(\downarrow m3_{+25})$

$13584 = 2^4 \bullet 3^1 \bullet 283^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M2_{-26}(\downarrow m7_{+26})^1} = (1) + \uparrow M6_{-24}(\downarrow m3_{+24})$

$13585 = 5^1 \bullet 11^1 \bullet 13^1 \bullet 19^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1} =$

$(1) + \uparrow M6_{-24}(\downarrow m3_{+24})$

$13586 = 2^1 \bullet 6793^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M6_{-24}(\downarrow m3_{+24})^1} = (1) + \uparrow M6_{-24}(\downarrow m3_{+24})$

$13587 = 3^1 \bullet 7^1 \bullet 647^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M3_{+5}(\downarrow m6_{-5})^1} = (1) + \uparrow M6_{-24}(\downarrow m3_{+24})$

$13588 = 2^2 \bullet 43^1 \bullet 79^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P4_{+12}(\downarrow P5_{-12})^1 + \uparrow M3_{-35}(\downarrow m6_{+35})^1} = (1) + \uparrow M6_{-24}(\downarrow m3_{+24})$

$13589 = 107^1 \bullet 127^1 = \mathbf{(1) + \uparrow M6_{-10}(\downarrow m3_{+10})^1 + \uparrow 8ve_{-14}(\downarrow uni_{+14})^1} = (1) + \uparrow M6_{-24}(\downarrow m3_{+24})$

$13590 = 2^1 \bullet 3^2 \bullet 5^1 \bullet 151^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m3_{-14}(\downarrow M6_{+14})^1} = (1) + \uparrow M6_{-24}(\downarrow m3_{+24})$

$13591 = 13591^1 = \mathbf{(1) + \uparrow M6_{-24}(\downarrow m3_{+24})}$

$13592 = 2^3 \bullet 1699^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow M6_{-23}(\downarrow m3_{+23})^1} = (1) + \uparrow M6_{-23}(\downarrow m3_{+23})$

$13593 = 3^1 \bullet 23^1 \bullet 197^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow P5_{+46}(\downarrow P4_{-46})^1} = (1) + \uparrow M6_{-23}(\downarrow m3_{+23})$

$13594 = 2^1 \bullet 7^1 \bullet 971^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M7_{+8}(\downarrow m2_{-8})^1} = (1) + \uparrow M6_{-23}(\downarrow m3_{+23})$

$13595 = 5^1 \bullet 2719^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow P4_{-9}(\downarrow P5_{+9})^1} = (1) + \uparrow M6_{-23}(\downarrow m3_{+23})$

$13596 = 2^2 \bullet 3^1 \bullet 11^1 \bullet 103^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m6_{+24}(\downarrow M3_{-24})^1} = (1) + \uparrow M6_{-23}(\downarrow m3_{+23})$

$13597 = 13597^1 = \mathbf{(1) + \uparrow M6_{-23}(\downarrow m3_{+23})}$

$13598 = 2^1 \bullet 13^1 \bullet 523^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow uni_{+37}(\downarrow 8ve_{-37})^1} = (1) + \uparrow M6_{-23}(\downarrow m3_{+23})$

$13599 = 3^2 \bullet 1511^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow P5_{-26}(\downarrow P4_{+26})^1} = (1) + \uparrow M6_{-23}(\downarrow m3_{+23})$

$13600 = 2^5 \bullet 5^2 \bullet 17^1 = \mathbf{(1) + \updownarrow 8ve(uni)^5 + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow m2_{+5}(\downarrow M7_{-5})^1} = (1) + \uparrow M6_{-22}(\downarrow m3_{+22})$

$13601 = 7^1 \bullet 29^1 \bullet 67^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1 + \uparrow m2_{-21}(\downarrow M7_{+21})^1} = (1) + \uparrow M6_{-22}(\downarrow m3_{+22})$

$13602 = 2^1 \bullet 3^1 \bullet 2267^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M2_{-24}(\downarrow m7_{+24})^1} = (1) + \uparrow M6_{-22}(\downarrow m3_{+22})$

$13603 = 61^1 \bullet 223^1 = \mathbf{(1) + \uparrow M7_{+17}(\downarrow m2_{-17})^1 + \uparrow m7_{-39}(\downarrow M2_{+39})^1} = (1) + \uparrow M6_{-22}(\downarrow m3_{+22})$

$13604 = 2^2 \bullet 19^1 \bullet 179^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow tt_{-19}(\downarrow tt_{+19})^1} = (1) + \uparrow M6_{-22}(\downarrow m3_{+22})$

$13605 = 3^1 \bullet 5^1 \bullet 907^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-10}(\downarrow M2_{+10})^1} = (1) + \uparrow M6_{-22}(\downarrow m3_{+22})$

$13606 = 2^1 \bullet 6803^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M6_{-22}(\downarrow m3_{+22})^1} = (1) + \uparrow M6_{-22}(\downarrow m3_{+22})$

$13607 = 11^1 \bullet 1237^1 = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m3_{+27}(\downarrow M6_{-27})^1} = (1) + \uparrow M6_{-22}(\downarrow m3_{+22})$

$13608 = 2^3 \bullet 3^5 \bullet 7^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{+2}(\downarrow P4_{-2})^5 + \uparrow m7_{-31}(\downarrow M2_{+31})^1} = (1) + \uparrow M6_{-21}(\downarrow m3_{+21})$

$13609 = 31^1 \bullet 439^1 = \mathbf{(1) + \uparrow M7_{+45}(\downarrow m2_{-45})^1 + \uparrow M6_{+34}(\downarrow m3_{-34})^1} = (1) + \uparrow M6_{-21}(\downarrow m3_{+21})$

$13610 = 2^1 \bullet 5^1 \bullet 1361^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow P4_{-7}(\downarrow P5_{+7})^1} = (1) + \uparrow M6_{-21}(\downarrow m3_{+21})$

$13611 = 3^1 \bullet 13^1 \bullet 349^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow P4_{+36}(\downarrow P5_{-36})^1} = (1) + \uparrow M6_{-21}(\downarrow m3_{+21})$

$13612 = 2^2 \bullet 41^1 \bullet 83^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M3_{+29}(\downarrow m6_{-29})^1 + \uparrow P4_{-50}(\downarrow P5_{+50})^1} = (1) + \uparrow M6_{-21}(\downarrow m3_{+21})$

$13613 = 13613^1 = \mathbf{(1) + \uparrow M6_{-21}(\downarrow m3_{+21})}$

$13614 = 2^1 \bullet 3^1 \bullet 2269^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M2_{-23}(\downarrow m7_{+23})^1} = (1) + \uparrow M6_{-21}(\downarrow m3_{+21})$

$13615 = 5^1 \bullet 7^1 \bullet 389^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow P5_{+24}(\downarrow P4_{-24})^1} = (1) + \uparrow M6_{-21}(\downarrow m3_{+21})$

$13616 = 2^4 \bullet 23^1 \bullet 37^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow m3_{-49}(\downarrow M6_{+49})^1} = (1) + \uparrow M6_{-20}(\downarrow m3_{+20})$

$13617 = 3^2 \bullet 17^1 \bullet 89^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow tt_{-29}(\downarrow tt_{+29})^1} = (1) + \uparrow M6_{-20}(\downarrow m3_{+20})$

$13618 = 2^1 \bullet 11^1 \bullet 619^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m3_{+29}(\downarrow M6_{-29})^1} = (1) + \uparrow M6_{-20}(\downarrow m3_{+20})$

$13619 = 13619^1 = \mathbf{(1) + \uparrow M6_{-20}(\downarrow m3_{+20})}$

$13620 = 2^2 \bullet 3^1 \bullet 5^1 \bullet 227^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-8}(\downarrow M2_{+8})^1} = (1) + \uparrow M6_{-20}(\downarrow m3_{+20})$

$13621 = 53^1 \bullet 257^1 = \mathbf{(1) + \uparrow M6_{-26}(\downarrow m3_{+26})^1 + \uparrow uni_{+7}(\downarrow 8ve_{-7})^1} = (1) + \uparrow M6_{-20}(\downarrow m3_{+20})$

$13622 = 2^1 \bullet 7^2 \bullet 139^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^2 + \uparrow m2_{+43}(\downarrow M7_{-43})^1} = (1) + \uparrow M6_{-20}(\downarrow m3_{+20})$

$13623 = 3^1 \bullet 19^1 \bullet 239^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow M7_{-19}(\downarrow m2_{+19})^1} = (1) + \uparrow M6_{-19}(\downarrow m3_{+19})$

$13624 = 2^3 \bullet 13^1 \bullet 131^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow uni_{+40}(\downarrow 8ve_{-40})^1} = (1) + \uparrow M6_{-19}(\downarrow m3_{+19})$

$13625 = 5^3 \bullet 109^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^3 + \uparrow M6_{+22}(\downarrow m3_{-22})^1} = (1) + \uparrow M6_{-19}(\downarrow m3_{+19})$

$13626 = 2^1 \bullet 3^2 \bullet 757^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow P5_{-23}(\downarrow P4_{+23})^1} = (1) + \uparrow M6_{-19}(\downarrow m3_{+19})$

$13627 = 13627^1 = \mathbf{(1) + \uparrow M6_{-19}(\downarrow m3_{+19})}$

$13628 = 2^2 \bullet 3407^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M6_{-19}(\downarrow m3_{+19})^1} = (1) + \uparrow M6_{-19}(\downarrow m3_{+19})$

$13629 = 3^1 \bullet 7^1 \bullet 11^1 \bullet 59^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow M7_{-41}(\downarrow m2_{+41})^1} = (1) + \uparrow M6_{-19}(\downarrow m3_{+19})$

$13630 = 2^1 \bullet 5^1 \bullet 29^1 \bullet 47^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1 + \uparrow P5_{-34}(\downarrow P4_{+34})^1} = (1) + \uparrow M6_{-19}(\downarrow m3_{+19})$

$13631 = 43^1 \bullet 317^1 = \mathbf{(1) + \uparrow P4_{+12}(\downarrow P5_{-12})^1 + \uparrow M3_{-30}(\downarrow m6_{+30})^1} = (1) + \uparrow M6_{-18}(\downarrow m3_{+18})$

$13632 = 2^6 \bullet 3^1 \bullet 71^1 = \mathbf{(1) + \updownarrow 8ve(uni)^6 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M2_{-20}(\downarrow m7_{+20})^1} = (1) + \uparrow M6_{-18}(\downarrow m3_{+18})$

$13633 = 13633^1 = \mathbf{(1) + \uparrow M6_{-18}(\downarrow m3_{+18})}$

$13634 = 2^1 \bullet 17^1 \bullet 401^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow m6_{-23}(\downarrow M3_{+23})^1} = (1) + \uparrow M6_{-18}(\downarrow m3_{+18})$

$13635 = 3^3 \bullet 5^1 \bullet 101^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m6_{-10}(\downarrow M3_{+10})^1} = (1) + \uparrow M6_{-18}(\downarrow m3_{+18})$

$13636 = 2^2 \bullet 7^1 \bullet 487^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M7_{+13}(\downarrow m2_{-13})^1} = (1) + \uparrow M6_{-18}(\downarrow m3_{+18})$

$13637 = 13^1 \bullet 1049^1 = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow uni_{+42}(\downarrow 8ve_{-42})^1} = (1) + \uparrow M6_{-18}(\downarrow m3_{+18})$

$13638 = 2^1 \bullet 3^1 \bullet 2273^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M2_{-20}(\downarrow m7_{+20})^1} = (1) + \uparrow M6_{-18}(\downarrow m3_{+18})$

$13639 = 23^1 \bullet 593^1 = \mathbf{(1) + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow m3_{-46}(\downarrow M6_{+46})^1} = (1) + \uparrow M6_{-17}(\downarrow m3_{+17})$

$13640 = 2^3 \bullet 5^1 \bullet 11^1 \bullet 31^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow M7_{+45}(\downarrow m2_{-45})^1} = (1) + \uparrow M6_{-17}(\downarrow m3_{+17})$

$13641 = 3^1 \bullet 4547^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M2_{-19}(\downarrow m7_{+19})^1} = (1) + \uparrow M6_{-17}(\downarrow m3_{+17})$

$13642 = 2^1 \bullet 19^1 \bullet 359^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow tt_{-15}(\downarrow tt_{+15})^1} = (1) + \uparrow M6_{-17}(\downarrow m3_{+17})$

$13643 = 7^1 \bullet 1949^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M7_{+14}(\downarrow m2_{-14})^1} = (1) + \uparrow M6_{-17}(\downarrow m3_{+17})$

$13644 = 2^2 \bullet 3^2 \bullet 379^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow P5_{-21}(\downarrow P4_{+21})^1} = (1) + \uparrow M6_{-17}(\downarrow m3_{+17})$

$13645 = 5^1 \bullet 2729^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow P4_{-3}(\downarrow P5_{+3})^1} = (1) + \uparrow M6_{-17}(\downarrow m3_{+17})$

$13646 = 2^1 \bullet 6823^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M6_{-17}(\downarrow m3_{+17})^1} = (1) + \uparrow M6_{-17}(\downarrow m3_{+17})$

$13647 = 3^1 \bullet 4549^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M2_{-18}(\downarrow m7_{+18})^1} = (1) + \uparrow M6_{-16}(\downarrow m3_{+16})$

$13648 = 2^4 \bullet 853^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow M6_{-16}(\downarrow m3_{+16})^1} = (1) + \uparrow M6_{-16}(\downarrow m3_{+16})$

$13649 = 13649^1 = \mathbf{(1) + \uparrow M6_{-16}(\downarrow m3_{+16})}$

$13650 = 2^1 \bullet 3^1 \bullet 5^2 \bullet 7^1 \bullet 13^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1} =$

$(1) + \uparrow M6_{-16}(\downarrow m3_{+16})$

$13651 = 11^1 \bullet 17^1 \bullet 73^1 = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow M2_{+28}(\downarrow m7_{-28})^1} = (1) + \uparrow M6_{-16}(\downarrow m3_{+16})$

$13652 = 2^2 \bullet 3413^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M6_{-16}(\downarrow m3_{+16})^1} = (1) + \uparrow M6_{-16}(\downarrow m3_{+16})$

$13653 = 3^2 \bullet 37^1 \bullet 41^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m3_{-49}(\downarrow M6_{+49})^1 + \uparrow M3_{+29}(\downarrow m6_{-29})^1} = (1) + \uparrow M6_{-16}(\downarrow m3_{+16})$

$13654 = 2^1 \bullet 6827^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M6_{-16}(\downarrow m3_{+16})^1} = (1) + \uparrow M6_{-16}(\downarrow m3_{+16})$

$13655 = 5^1 \bullet 2731^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow P4_{-2}(\downarrow P5_{+2})^1} = (1) + \uparrow M6_{-15}(\downarrow m3_{+15})$

$13656 = 2^3 \bullet 3^1 \bullet 569^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M2_{-17}(\downarrow m7_{+17})^1} = (1) + \uparrow M6_{-15}(\downarrow m3_{+15})$

$13657 = 7^{1}\bullet 1951^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M7_{+16}(\downarrow m2_{-16})^{1}} = (1) + \uparrow M6_{-15}(\downarrow m3_{+15})$

$13658 = 2^{1}\bullet 6829^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M6_{-15}(\downarrow m3_{+15})^{1}} = (1) + \uparrow M6_{-15}(\downarrow m3_{+15})$

$13659 = 3^{1}\bullet 29^{1}\bullet 157^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1} + \uparrow M3_{-46}(\downarrow m6_{+46})^{1}} = (1) + \uparrow M6_{-15}(\downarrow m3_{+15})$

$13660 = 2^{2}\bullet 5^{1}\bullet 683^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow P4_{-1}(\downarrow P5_{+1})^{1}} = (1) + \uparrow M6_{-15}(\downarrow m3_{+15})$

$13661 = 19^{1}\bullet 719^{1} = \mathbf{(1) + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow tt_{-12}(\downarrow tt_{+12})^{1}} = (1) + \uparrow M6_{-15}(\downarrow m3_{+15})$

$13662 = 2^{1}\bullet 3^{3}\bullet 11^{1}\bullet 23^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1}} = (1) + \uparrow M6_{-15}(\downarrow m3_{+15})$

$13663 = 13^{1}\bullet 1051^{1} = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow uni_{+45}(\downarrow 8ve_{-45})^{1}} = (1) + \uparrow M6_{-14}(\downarrow m3_{+14})$

$13664 = 2^{5}\bullet 7^{1}\bullet 61^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{5} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M7_{+17}(\downarrow m2_{-17})^{1}} = (1) + \uparrow M6_{-14}(\downarrow m3_{+14})$

$13665 = 3^{1}\bullet 5^{1}\bullet 911^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-2}(\downarrow M2_{+2})^{1}} = (1) + \uparrow M6_{-14}(\downarrow m3_{+14})$

$13666 = 2^{1}\bullet 6833^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M6_{-14}(\downarrow m3_{+14})^{1}} = (1) + \uparrow M6_{-14}(\downarrow m3_{+14})$

$13667 = 79^{1}\bullet 173^{1} = \mathbf{(1) + \uparrow M3_{-35}(\downarrow m6_{+35})^{1} + \uparrow P4_{+22}(\downarrow P5_{-22})^{1}} = (1) + \uparrow M6_{-14}(\downarrow m3_{+14})$

$13668 = 2^{2}\bullet 3^{1}\bullet 17^{1}\bullet 67^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow m2_{-21}(\downarrow M7_{+21})^{1}} = (1) + \uparrow M6_{-14}(\downarrow m3_{+14})$

$13669 = 13669^{1} = \mathbf{(1) + \uparrow M6_{-14}(\downarrow m3_{+14})}$

$13670 = 2^{1}\bullet 5^{1}\bullet 1367^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow P4_{+0}(\downarrow P5_{-0})^{1}} = (1) + \uparrow M6_{-14}(\downarrow m3_{+14})$

$13671 = 3^{2}\bullet 7^{2}\bullet 31^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{2} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1}} = (1) + \uparrow M6_{-13}(\downarrow m3_{+13})$

$13672 = 2^{3}\bullet 1709^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow M6_{-13}(\downarrow m3_{+13})^{1}} = (1) + \uparrow M6_{-13}(\downarrow m3_{+13})$

$13673 = 11^{2}\bullet 113^{1} = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^{2} + \uparrow m7_{-16}(\downarrow M2_{+16})^{1}} = (1) + \uparrow M6_{-13}(\downarrow m3_{+13})$

$13674 = 2^{1}\bullet 3^{1}\bullet 43^{1}\bullet 53^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow P4_{+12}(\downarrow P5_{-12})^{1} + \uparrow M6_{-26}(\downarrow m3_{+26})^{1}} = (1) + \uparrow M6_{-13}(\downarrow m3_{+13})$

$13675 = 5^{2}\bullet 547^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow m2_{+14}(\downarrow M7_{-14})^{1}} = (1) + \uparrow M6_{-13}(\downarrow m3_{+13})$

$13676 = 2^{2}\bullet 13^{1}\bullet 263^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow uni_{+47}(\downarrow 8ve_{-47})^{1}} = (1) + \uparrow M6_{-13}(\downarrow m3_{+13})$

$13677 = 3^{1}\bullet 47^{1}\bullet 97^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow P5_{-34}(\downarrow P4_{+34})^{1} + \uparrow P5_{+20}(\downarrow P4_{-20})^{1}} = (1) + \uparrow M6_{-13}(\downarrow m3_{+13})$

$13678 = 2^{1}\bullet 7^{1}\bullet 977^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M7_{+19}(\downarrow m2_{-19})^{1}} = (1) + \uparrow M6_{-13}(\downarrow m3_{+13})$

$13679 = 13679^{1} = \mathbf{(1) + \uparrow M6_{-12}(\downarrow m3_{+12})}$

$13680 = 2^{4}\bullet 3^{2}\bullet 5^{1}\bullet 19^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1}} = (1) + \uparrow M6_{-12}(\downarrow m3_{+12})$

$13681 = 13681^{1} = \mathbf{(1) + \uparrow M6_{-12}(\downarrow m3_{+12})}$

$13682 = 2^{1}\bullet 6841^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M6_{-12}(\downarrow m3_{+12})^{1}} = (1) + \uparrow M6_{-12}(\downarrow m3_{+12})$

$13683 = 3^{1}\bullet 4561^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M2_{-14}(\downarrow m7_{+14})^{1}} = (1) + \uparrow M6_{-12}(\downarrow m3_{+12})$

$13684 = 2^{2}\bullet 11^{1}\bullet 311^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m3_{+37}(\downarrow M6_{-37})^{1}} = (1) + \uparrow M6_{-12}(\downarrow m3_{+12})$

$13685 = 5^{1}\bullet 7^{1}\bullet 17^{1}\bullet 23^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1}} = (1) + \uparrow M6_{-12}(\downarrow m3_{+12})$

$13686 = 2^{1}\bullet 3^{1}\bullet 2281^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M2_{-13}(\downarrow m7_{+13})^{1}} = (1) + \uparrow M6_{-12}(\downarrow m3_{+12})$

$13687 = 13687^{1} = \mathbf{(1) + \uparrow M6_{-11}(\downarrow m3_{+11})}$

$13688 = 2^{3}\bullet 29^{1}\bullet 59^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1} + \uparrow M7_{-41}(\downarrow m2_{+41})^{1}} = (1) + \uparrow M6_{-11}(\downarrow m3_{+11})$

$13689 = 3^{4}\bullet 13^{2} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{4} + \uparrow m6_{+41}(\downarrow M3_{-41})^{2}} = (1) + \uparrow M6_{-11}(\downarrow m3_{+11})$

$13690 = 2^{1}\bullet 5^{1}\bullet 37^{2} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m3_{-49}(\downarrow M6_{+49})^{2}} = (1) + \uparrow M6_{-11}(\downarrow m3_{+11})$

$13691 = 13691^{1} = \mathbf{(1) + \uparrow M6_{-11}(\downarrow m3_{+11})}$

$13692 = 2^{2}\bullet 3^{1}\bullet 7^{1}\bullet 163^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M3_{+18}(\downarrow m6_{-18})^{1}} = (1) + \uparrow M6_{-11}(\downarrow m3_{+11})$

$13693 = 13693^{1} = \mathbf{(1) + \uparrow M6_{-11}(\downarrow m3_{+11})}$

$13694 = 2^{1}\bullet 41^{1}\bullet 167^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{+29}(\downarrow m6_{-29})^{1} + \uparrow P4_{-40}(\downarrow P5_{+40})^{1}} = (1) + \uparrow M6_{-10}(\downarrow m3_{+10})$

$13695 = 3^{1}\bullet 5^{1}\bullet 11^{1}\bullet 83^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow P4_{-50}(\downarrow P5_{+50})^{1}} = (1) + \uparrow M6_{-10}(\downarrow m3_{+10})$

$13696 = 2^{7}\bullet 107^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{7} + \uparrow M6_{-10}(\downarrow m3_{+10})^{1}} = (1) + \uparrow M6_{-10}(\downarrow m3_{+10})$

$13697 = 13697^{1} = \mathbf{(1) + \uparrow M6_{-10}(\downarrow m3_{+10})}$

$13698 = 2^{1}\bullet 3^{2}\bullet 761^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow P5_{-14}(\downarrow P4_{+14})^{1}} = (1) + \uparrow M6_{-10}(\downarrow m3_{+10})$

$13699 = 7^{1}\bullet 19^{1}\bullet 103^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow m6_{+24}(\downarrow M3_{-24})^{1}} = (1) + \uparrow M6_{-10}(\downarrow m3_{+10})$

$13700 = 2^{2}\bullet 5^{2}\bullet 137^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow m2_{+18}(\downarrow M7_{-18})^{1}} = (1) + \uparrow M6_{-10}(\downarrow m3_{+10})$

$13701 = 3^{1}\bullet 4567^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M2_{-12}(\downarrow m7_{+12})^{1}} = (1) + \uparrow M6_{-10}(\downarrow m3_{+10})$

$13702 = 2^{1}\bullet 13^{1}\bullet 17^{1}\bullet 31^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1}} = (1) + \uparrow M6_{-9}(\downarrow m3_{+9})$

$13703 = 71^{1}\bullet 193^{1} = \mathbf{(1) + \uparrow M2_{-20}(\downarrow m7_{+20})^{1} + \uparrow P5_{+11}(\downarrow P4_{-11})^{1}} = (1) + \uparrow M6_{-9}(\downarrow m3_{+9})$

$13704 = 2^{3}\bullet 3^{1}\bullet 571^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M2_{-11}(\downarrow m7_{+11})^{1}} = (1) + \uparrow M6_{-9}(\downarrow m3_{+9})$

$13705 = 5^{1}\bullet 2741^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow P4_{+5}(\downarrow P5_{-5})^{1}} = (1) + \uparrow M6_{-9}(\downarrow m3_{+9})$

$13706 = 2^{1}\bullet 7^{1}\bullet 11^{1}\bullet 89^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow tt_{-29}(\downarrow tt_{+29})^{1}} = (1) + \uparrow M6_{-9}(\downarrow m3_{+9})$

$13707 = 3^{2}\bullet 1523^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow P5_{-13}(\downarrow P4_{+13})^{1}} = (1) + \uparrow M6_{-9}(\downarrow m3_{+9})$

$13708 = 2^{2}\bullet 23^{1}\bullet 149^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow m3_{-37}(\downarrow M6_{+37})^{1}} = (1) + \uparrow M6_{-9}(\downarrow m3_{+9})$

$13709 = 13709^{1} = \mathbf{(1) + \uparrow M6_{-9}(\downarrow m3_{+9})}$

$13710 = 2^{1}\bullet 3^{1}\bullet 5^{1}\bullet 457^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{+3}(\downarrow M2_{-3})^{1}} = (1) + \uparrow M6_{-8}(\downarrow m3_{+8})$

$13711 = 13711^{1} = \mathbf{(1) + \uparrow M6_{-8}(\downarrow m3_{+8})}$

$13712 = 2^{4}\bullet 857^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow M6_{-8}(\downarrow m3_{+8})^{1}} = (1) + \uparrow M6_{-8}(\downarrow m3_{+8})$

$13713 = 3^{1}\bullet 7^{1}\bullet 653^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M3_{+21}(\downarrow m6_{-21})^{1}} = (1) + \uparrow M6_{-8}(\downarrow m3_{+8})$

$13714 = 2^{1}\bullet 6857^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M6_{-8}(\downarrow m3_{+8})^{1}} = (1) + \uparrow M6_{-8}(\downarrow m3_{+8})$

$13715 = 5^{1}\bullet 13^{1}\bullet 211^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow M6_{-35}(\downarrow m3_{+35})^{1}} = (1) + \uparrow M6_{-8}(\downarrow m3_{+8})$

$13716 = 2^{2}\bullet 3^{3}\bullet 127^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow 8ve_{-14}(\downarrow uni_{+14})^{1}} = (1) + \uparrow M6_{-8}(\downarrow m3_{+8})$

$13717 = 11^{1}\bullet 29^{1}\bullet 43^{1} = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1} + \uparrow P4_{+12}(\downarrow P5_{-12})^{1}} = (1) + \uparrow M6_{-8}(\downarrow m3_{+8})$

$13718 = 2^{1}\bullet 19^{3} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{3}} = (1) + \uparrow M6_{-7}(\downarrow m3_{+7})$

$13719 = 3^{1}\bullet 17^{1}\bullet 269^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow m2_{-14}(\downarrow M7_{+14})^{1}} = (1) + \uparrow M6_{-7}(\downarrow m3_{+7})$

$13720 = 2^{3}\bullet 5^{1}\bullet 7^{3} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{3}} = (1) + \uparrow M6_{-7}(\downarrow m3_{+7})$

$13721 = 13721^{1} = \mathbf{(1) + \uparrow M6_{-7}(\downarrow m3_{+7})}$

$13722 = 2^{1}\bullet 3^{1}\bullet 2287^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M2_{-9}(\downarrow m7_{+9})^{1}} = (1) + \uparrow M6_{-7}(\downarrow m3_{+7})$

$13723 = 13723^{1} = \mathbf{(1) + \uparrow M6_{-7}(\downarrow m3_{+7})}$

$13724 = 2^{2}\bullet 47^{1}\bullet 73^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{-34}(\downarrow P4_{+34})^{1} + \uparrow M2_{+28}(\downarrow m7_{-28})^{1}} = (1) + \uparrow M6_{-7}(\downarrow m3_{+7})$

$13725 = 3^{2}\bullet 5^{2}\bullet 61^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow M7_{+17}(\downarrow m2_{-17})^{1}} = (1) + \uparrow M6_{-7}(\downarrow m3_{+7})$

$13726 = 2^{1}\bullet 6863^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M6_{-6}(\downarrow m3_{+6})^{1}} = (1) + \uparrow M6_{-6}(\downarrow m3_{+6})$

$13727 = 7^{1}\bullet 37^{1}\bullet 53^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m3_{-49}(\downarrow M6_{+49})^{1} + \uparrow M6_{-26}(\downarrow m3_{+26})^{1}} = (1) + \uparrow M6_{-6}(\downarrow m3_{+6})$

$13728 = 2^{5}\bullet 3^{1}\bullet 11^{1}\bullet 13^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{5} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1}} = (1) + \uparrow M6_{-6}(\downarrow m3_{+6})$

$13729 = 13729^{1} = \mathbf{(1) + \uparrow M6_{-6}(\downarrow m3_{+6})}$

$13730 = 2^{1}\bullet 5^{1}\bullet 1373^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow P4_{+8}(\downarrow P5_{-8})^{1}} = (1) + \uparrow M6_{-6}(\downarrow m3_{+6})$

$13731 = 3^{1}\bullet 23^{1}\bullet 199^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow m6_{-36}(\downarrow M3_{+36})^{1}} = (1) + \uparrow M6_{-6}(\downarrow m3_{+6})$

$13732 = 2^{2}\bullet 3433^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M6_{-6}(\downarrow m3_{+6})^{1}} = (1) + \uparrow M6_{-6}(\downarrow m3_{+6})$

$13733 = 31^{1}\bullet 443^{1} = \mathbf{(1) + \uparrow M7_{+45}(\downarrow m2_{-45})^{1} + \uparrow M6_{+49}(\downarrow m3_{-49})^{1}} = (1) + \uparrow M6_{-6}(\downarrow m3_{+6})$

$13734 = 2^{1}\bullet 3^{2}\bullet 7^{1}\bullet 109^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M6_{+22}(\downarrow m3_{-22})^{1}} = (1) + \uparrow M6_{-5}(\downarrow m3_{+5})$

$13735 = 5^{1}\bullet 41^{1}\bullet 67^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M3_{+29}(\downarrow m6_{-29})^{1} + \uparrow m2_{-21}(\downarrow M7_{+21})^{1}} = (1) + \uparrow M6_{-5}(\downarrow m3_{+5})$

$13736 = 2^{3}\bullet 17^{1}\bullet 101^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow m6_{-10}(\downarrow M3_{+10})^{1}} = (1) + \uparrow M6_{-5}(\downarrow m3_{+5})$

$13737 = 3^{1}\bullet 19^{1}\bullet 241^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow M7_{-5}(\downarrow m2_{+5})^{1}} = (1) + \uparrow M6_{-5}(\downarrow m3_{+5})$

$13738 = 2^{1}\bullet 6869^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M6_{-5}(\downarrow m3_{+5})^{1}} = (1) + \uparrow M6_{-5}(\downarrow m3_{+5})$

$13739 = 11^{1}\bullet 1249^{1} = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m3_{+44}(\downarrow M6_{-44})^{1}} = (1) + \uparrow M6_{-5}(\downarrow m3_{+5})$

$13740 = 2^{2}\bullet 3^{1}\bullet 5^{1}\bullet 229^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{+7}(\downarrow M2_{-7})^{1}} = (1) + \uparrow M6_{-5}(\downarrow m3_{+5})$

$13741 = 7^{1}\bullet 13^{1}\bullet 151^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m3_{-14}(\downarrow M6_{+14})^{1}} = (1) + \uparrow M6_{-5}(\downarrow m3_{+5})$

$13742 = 2^{1}\bullet 6871^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M6_{-4}(\downarrow m3_{+4})^{1}} = (1) + \uparrow M6_{-4}(\downarrow m3_{+4})$

$13743 = 3^{3}\bullet 509^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow 8ve_{-10}(\downarrow uni_{+10})^{1}} = (1) + \uparrow M6_{-4}(\downarrow m3_{+4})$

$13744 = 2^{4}\bullet 859^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow M6_{-4}(\downarrow m3_{+4})^{1}} = (1) + \uparrow M6_{-4}(\downarrow m3_{+4})$

$13745 = 5^{1}\bullet 2749^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow P4_{+10}(\downarrow P5_{-10})^{1}} = (1) + \uparrow M6_{-4}(\downarrow m3_{+4})$

$13746 = 2^{1}\bullet 3^{1}\bullet 29^{1}\bullet 79^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1} + \uparrow M3_{-35}(\downarrow m6_{+35})^{1}} = (1) + \uparrow M6_{-4}(\downarrow m3_{+4})$

$13747 = 59^{1}\bullet 233^{1} = \mathbf{(1) + \uparrow M7_{-41}(\downarrow m2_{+41})^{1} + \uparrow m7_{+37}(\downarrow M2_{-37})^{1}} = (1) + \uparrow M6_{-4}(\downarrow m3_{+4})$

$13748 = 2^{2}\bullet 7^{1}\bullet 491^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M7_{+27}(\downarrow m2_{-27})^{1}} = (1) + \uparrow M6_{-4}(\downarrow m3_{+4})$

$13749 = 3^{1}\bullet 4583^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M2_{-6}(\downarrow m7_{+6})^{1}} = (1) + \uparrow M6_{-4}(\downarrow m3_{+4})$

$13750 = 2^{1}\bullet 5^{4}\bullet 11^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{4} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1}} = (1) + \uparrow M6_{-3}(\downarrow m3_{+3})$

$13751 = 13751^{1} = \mathbf{(1) + \uparrow M6_{-3}(\downarrow m3_{+3})}$

$13752 = 2^{3}\bullet 3^{2}\bullet 191^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow P5_{-7}(\downarrow P4_{+7})^{1}} = (1) + \uparrow M6_{-3}(\downarrow m3_{+3})$

$13753 = 17^{1}\bullet 809^{1} = \mathbf{(1) + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow m6_{-8}(\downarrow M3_{+8})^{1}} = (1) + \uparrow M6_{-3}(\downarrow m3_{+3})$

$13754 = 2^{1}\bullet 13^{1}\bullet 23^{2} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{2}} = (1) + \uparrow M6_{-3}(\downarrow m3_{+3})$

$13755 = 3^{1}\bullet 5^{1}\bullet 7^{1}\bullet 131^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow uni_{+40}(\downarrow 8ve_{-40})^{1}} = (1) + \uparrow M6_{-3}(\downarrow m3_{+3})$

$13756 = 2^{2}\bullet 19^{1}\bullet 181^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow tt_{+0}(\downarrow tt_{-0})^{1}} = (1) + \uparrow M6_{-3}(\downarrow m3_{+3})$

$13757 = 13757^{1} = \mathbf{(1) + \uparrow M6_{-3}(\downarrow m3_{+3})}$

$13758 = 2^{1}\bullet 3^{1}\bullet 2293^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M2_{-4}(\downarrow m7_{+4})^{1}} = (1) + \uparrow M6_{-2}(\downarrow m3_{+2})$

$13759 = 13759^{1} = \mathbf{(1) + \uparrow M6_{-2}(\downarrow m3_{+2})}$

$13760 = 2^{6}\bullet 5^{1}\bullet 43^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{6} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow P4_{+12}(\downarrow P5_{-12})^{1}} = (1) + \uparrow M6_{-2}(\downarrow m3_{+2})$

$13761 = 3^{2}\bullet 11^{1}\bullet 139^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m2_{+43}(\downarrow M7_{-43})^{1}} = (1) + \uparrow M6_{-2}(\downarrow m3_{+2})$

$13762 = 2^{1}\bullet 7^{1}\bullet 983^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M7_{+29}(\downarrow m2_{-29})^{1}} = (1) + \uparrow M6_{-2}(\downarrow m3_{+2})$

$13763 = 13763^{1} = \mathbf{(1) + \uparrow M6_{-2}(\downarrow m3_{+2})}$

$13764 = 2^{2}\bullet 3^{1}\bullet 31^{1}\bullet 37^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1} + \uparrow m3_{-49}(\downarrow M6_{+49})^{1}} = (1) + \uparrow M6_{-2}(\downarrow m3_{+2})$

$13765 = 5^{1}\bullet 2753^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow P4_{+12}(\downarrow P5_{-12})^{1}} = (1) + \uparrow M6_{-2}(\downarrow m3_{+2})$

$13766 = 2^{1}\bullet 6883^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M6_{-1}(\downarrow m3_{+1})^{1}} = (1) + \uparrow M6_{-1}(\downarrow m3_{+1})$

$13767 = 3^{1}\bullet 13^{1}\bullet 353^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow tt_{-44}(\downarrow tt_{+44})^{1}} = (1) + \uparrow M6_{-1}(\downarrow m3_{+1})$

$13768 = 2^{3}\bullet 1721^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow M6_{-1}(\downarrow m3_{+1})^{1}} = (1) + \uparrow M6_{-1}(\downarrow m3_{+1})$

$13769 = 7^{2}\bullet 281^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{2} + \uparrow M2_{-39}(\downarrow m7_{+39})^{1}} = (1) + \uparrow M6_{-1}(\downarrow m3_{+1})$

$13770 = 2^{1}\bullet 3^{4}\bullet 5^{1}\bullet 17^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{4} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1}} = (1) + \uparrow M6_{-1}(\downarrow m3_{+1})$

$13771 = 47^{1}\bullet 293^{1} = \mathbf{(1) + \uparrow P5_{-34}(\downarrow P4_{+34})^{1} + \uparrow M2_{+34}(\downarrow m7_{-34})^{1}} = (1) + \uparrow M6_{-1}(\downarrow m3_{+1})$

$13772 = 2^{2}\bullet 11^{1}\bullet 313^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m3_{+48}(\downarrow M6_{-48})^{1}} = (1) + \uparrow M6_{-1}(\downarrow m3_{+1})$

$13773 = 3^{1}\bullet 4591^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M2_{-2}(\downarrow m7_{+2})^{1}} = (1) + \uparrow M6_{-1}(\downarrow m3_{+1})$

$13774 = 2^{1}\bullet 71^{1}\bullet 97^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M2_{-20}(\downarrow m7_{+20})^{1} + \uparrow P5_{+20}(\downarrow P4_{-20})^{1}} = (1) + \uparrow M6_{+0}(\downarrow m3_{-0})$

$13775 = 5^{2}\bullet 19^{1}\bullet 29^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1}} = (1) + \uparrow M6_{+0}(\downarrow m3_{-0})$

$13776 = 2^{4}\bullet 3^{1}\bullet 7^{1}\bullet 41^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M3_{+29}(\downarrow m6_{-29})^{1}} = (1) + \uparrow M6_{+0}(\downarrow m3_{-0})$

$13777 = 23^{1}\bullet 599^{1} = \mathbf{(1) + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow m3_{-28}(\downarrow M6_{+28})^{1}} = (1) + \uparrow M6_{+0}(\downarrow m3_{-0})$

$13778 = 2^{1}\bullet 83^{2} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P4_{-50}(\downarrow P5_{+50})^{2}} = (1) + \uparrow M6_{+0}(\downarrow m3_{-0})$

$13779 = 3^{2}\bullet 1531^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow P5_{-4}(\downarrow P4_{+4})^{1}} = (1) + \uparrow M6_{+0}(\downarrow m3_{-0})$

$13780 = 2^{2}\bullet 5^{1}\bullet 13^{1}\bullet 53^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow M6_{-26}(\downarrow m3_{+26})^{1}} = (1) + \uparrow M6_{+0}(\downarrow m3_{-0})$

$13781 = 13781^{1} = \mathbf{(1) + \uparrow M6_{+0}(\downarrow m3_{-0})}$

$13782 = 2^{1}\bullet 3^{1}\bullet 2297^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M2_{-1}(\downarrow m7_{+1})^{1}} = (1) + \uparrow M6_{+1}(\downarrow m3_{-1})$

$13783 = 7^{1}\bullet 11^{1}\bullet 179^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow tt_{-19}(\downarrow tt_{+19})^{1}} = (1) + \uparrow M6_{+1}(\downarrow m3_{-1})$

$13784 = 2^{3}\bullet 1723^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow M6_{+1}(\downarrow m3_{-1})^{1}} = (1) + \uparrow M6_{+1}(\downarrow m3_{-1})$

$13785 = 3^{1}\bullet 5^{1}\bullet 919^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{+13}(\downarrow M2_{-13})^{1}} = (1) + \uparrow M6_{+1}(\downarrow m3_{-1})$

$13786 = 2^{1}\bullet 61^{1}\bullet 113^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M7_{+17}(\downarrow m2_{-17})^{1} + \uparrow m7_{-16}(\downarrow M2_{+16})^{1}} = (1) + \uparrow M6_{+1}(\downarrow m3_{-1})$

$13787 = 17^{1}\bullet 811^{1} = \mathbf{(1) + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow m6_{-4}(\downarrow M3_{+4})^{1}} = (1) + \uparrow M6_{+1}(\downarrow m3_{-1})$

$13788 = 2^{2}\bullet 3^{2}\bullet 383^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow P5_{-3}(\downarrow P4_{+3})^{1}} = (1) + \uparrow M6_{+1}(\downarrow m3_{-1})$

$13789 = 13789^{1} = \mathbf{(1) + \uparrow M6_{+1}(\downarrow m3_{-1})}$

$13790 = 2^{1}\bullet 5^{1}\bullet 7^{1}\bullet 197^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow P5_{+46}(\downarrow P4_{-46})^{1}} = (1) + \uparrow M6_{+2}(\downarrow m3_{-2})$

$13791 = 3^{1}\bullet 4597^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M2_{+0}(\downarrow m7_{-0})^{1}} = (1) + \uparrow M6_{+2}(\downarrow m3_{-2})$

$13792 = 2^{5}\bullet 431^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{5} + \uparrow M6_{+2}(\downarrow m3_{-2})^{1}} = (1) + \uparrow M6_{+2}(\downarrow m3_{-2})$

$13793 = 13^{1}\bullet 1061^{1} = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m2_{-39}(\downarrow M7_{+39})^{1}} = (1) + \uparrow M6_{+2}(\downarrow m3_{-2})$

$13794 = 2^{1}\bullet 3^{1}\bullet 11^{2}\bullet 19^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{2} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1}} = (1) + \uparrow M6_{+2}(\downarrow m3_{-2})$

$13795 = 5^{1}\bullet 31^{1}\bullet 89^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1} + \uparrow tt_{-29}(\downarrow tt_{+29})^{1}} = (1) + \uparrow M6_{+2}(\downarrow m3_{-2})$

$13796 = 2^{2}\bullet 3449^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M6_{+2}(\downarrow m3_{-2})^{1}} = (1) + \uparrow M6_{+2}(\downarrow m3_{-2})$

$13797 = 3^{3}\bullet 7^{1}\bullet 73^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M2_{+28}(\downarrow m7_{-28})^{1}} = (1) + \uparrow M6_{+2}(\downarrow m3_{-2})$

$13798 = 2^{1}\bullet 6899^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M6_{+3}(\downarrow m3_{-3})^{1}} = (1) + \uparrow M6_{+3}(\downarrow m3_{-3})$

$13799 = 13799^{1} = \mathbf{(1) + \uparrow M6_{+3}(\downarrow m3_{-3})}$

$13800 = 2^{3}\bullet 3^{1}\bullet 5^{2}\bullet 23^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1}} = (1) + \uparrow M6_{+3}(\downarrow m3_{-3})$

$13801 = 37^{1}\bullet 373^{1} = \mathbf{(1) + \uparrow m3_{-49}(\downarrow M6_{+49})^{1} + \uparrow P5_{-48}(\downarrow P4_{+48})^{1}} = (1) + \uparrow M6_{+3}(\downarrow m3_{-3})$

$13802 = 2^{1}\bullet 67^{1}\bullet 103^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m2_{-21}(\downarrow M7_{+21})^{1} + \uparrow m6_{+24}(\downarrow M3_{-24})^{1}} = (1) + \uparrow M6_{+3}(\downarrow m3_{-3})$

$13803 = 3^{1}\bullet 43^{1}\bullet 107^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow P4_{+12}(\downarrow P5_{-12})^{1} + \uparrow M6_{-10}(\downarrow m3_{+10})^{1}} = (1) + \uparrow M6_{+3}(\downarrow m3_{-3})$

$13804 = 2^{2}\bullet 7^{1}\bullet 17^{1}\bullet 29^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1}} = (1) + \uparrow M6_{+3}(\downarrow m3_{-3})$

$13805 = 5^{1}\bullet 11^{1}\bullet 251^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow 8ve_{-34}(\downarrow uni_{+34})^{1}} = (1) + \uparrow M6_{+3}(\downarrow m3_{-3})$

$13806 = 2^{1}\bullet 3^{2}\bullet 13^{1}\bullet 59^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow M7_{-41}(\downarrow m2_{+41})^{1}} = (1) + \uparrow M6_{+4}(\downarrow m3_{-4})$

$13807 = 13807^{1} = \mathbf{(1) + \uparrow M6_{+4}(\downarrow m3_{-4})}$

$13808 = 2^{4}\bullet 863^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow M6_{+4}(\downarrow m3_{-4})^{1}} = (1) + \uparrow M6_{+4}(\downarrow m3_{-4})$

$13809 = 3^{1}\bullet 4603^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M2_{+2}(\downarrow m7_{-2})^{1}} = (1) + \uparrow M6_{+4}(\downarrow m3_{-4})$

$13810 = 2^{1}\bullet 5^{1}\bullet 1381^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow P4_{+18}(\downarrow P5_{-18})^{1}} = (1) + \uparrow M6_{+4}(\downarrow m3_{-4})$

$13811 = 7^{1}\bullet 1973^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M7_{+35}(\downarrow m2_{-35})^{1}} = (1) + \uparrow M6_{+4}(\downarrow m3_{-4})$

$13812 = 2^{2}\bullet 3^{1}\bullet 1151^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M2_{+2}(\downarrow m7_{-2})^{1}} = (1) + \uparrow M6_{+4}(\downarrow m3_{-4})$

$13813 = 19^{1}\bullet 727^{1} = \mathbf{(1) + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow tt_{+7}(\downarrow tt_{-7})^{1}} = (1) + \uparrow M6_{+4}(\downarrow m3_{-4})$

$13814 = 2^{1}\bullet 6907^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M6_{+5}(\downarrow m3_{-5})^{1}} = (1) + \uparrow M6_{+5}(\downarrow m3_{-5})$

$13815 = 3^{2}\bullet 5^{1}\bullet 307^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m3_{+15}(\downarrow M6_{-15})^{1}} = (1) + \uparrow M6_{+5}(\downarrow m3_{-5})$

$13816 = 2^{3}\bullet 11^{1}\bullet 157^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow M3_{-46}(\downarrow m6_{+46})^{1}} = (1) + \uparrow M6_{+5}(\downarrow m3_{-5})$

$13817 = 41^{1}\bullet 337^{1} = \mathbf{(1) + \uparrow M3_{+29}(\downarrow m6_{-29})^{1} + \uparrow P4_{-24}(\downarrow P5_{+24})^{1}} = (1) + \uparrow M6_{+5}(\downarrow m3_{-5})$

$13818 = 2^{1}\bullet 3^{1}\bullet 7^{2}\bullet 47^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{2} + \uparrow P5_{-34}(\downarrow P4_{+34})^{1}} = (1) + \uparrow M6_{+5}(\downarrow m3_{-5})$

$13819 = 13^{1}\bullet 1063^{1} = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m2_{-35}(\downarrow M7_{+35})^{1}} = (1) + \uparrow M6_{+5}(\downarrow m3_{-5})$

$13820 = 2^{2}\bullet 5^{1}\bullet 691^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow P4_{+19}(\downarrow P5_{-19})^{1}} = (1) + \uparrow M6_{+5}(\downarrow m3_{-5})$

$13821 = 3^{1}\bullet 17^{1}\bullet 271^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow m2_{-1}(\downarrow M7_{+1})^{1}} = (1) + \uparrow M6_{+5}(\downarrow m3_{-5})$

$13822 = 2^{1}\bullet 6911^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M6_{+6}(\downarrow m3_{-6})^{1}} = (1) + \uparrow M6_{+6}(\downarrow m3_{-6})$

$13823 = 23^{1}\bullet 601^{1} = \mathbf{(1) + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow m3_{-23}(\downarrow M6_{+23})^{1}} = (1) + \uparrow M6_{+6}(\downarrow m3_{-6})$

$13824 = 2^{9}\bullet 3^{3} = \mathbf{(1) + \updownarrow 8ve(uni)^{9} + \uparrow P5_{+2}(\downarrow P4_{-2})^{3}} = (1) + \uparrow M6_{+6}(\downarrow m3_{-6})$

$13825 = 5^2 \bullet 7^1 \bullet 79^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M3_{-35}(\downarrow m6_{+35})^1} = (1) + \uparrow M6_{+6}(\downarrow m3_{-6})$

$13826 = 2^1 \bullet 31^1 \bullet 223^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M7_{+45}(\downarrow m2_{-45})^1 + \uparrow m7_{-39}(\downarrow M2_{+39})^1} = (1) + \uparrow M6_{+6}(\downarrow m3_{-6})$

$13827 = 3^1 \bullet 11^1 \bullet 419^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow M6_{-47}(\downarrow m3_{+47})^1} = (1) + \uparrow M6_{+6}(\downarrow m3_{-6})$

$13828 = 2^2 \bullet 3457^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M6_{+6}(\downarrow m3_{-6})^1} = (1) + \uparrow M6_{+6}(\downarrow m3_{-6})$

$13829 = 13829^1 = \mathbf{(1) + \uparrow M6_{+6}(\downarrow m3_{-6})}$

$13830 = 2^1 \bullet 3^1 \bullet 5^1 \bullet 461^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{+18}(\downarrow M2_{-18})^1} = (1) + \uparrow M6_{+7}(\downarrow m3_{-7})$

$13831 = 13831^1 = \mathbf{(1) + \uparrow M6_{+7}(\downarrow m3_{-7})}$

$13832 = 2^3 \bullet 7^1 \bullet 13^1 \bullet 19^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1} = (1) + \uparrow M6_{+7}(\downarrow m3_{-7})$

$13833 = 3^2 \bullet 29^1 \bullet 53^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m7_{+30}(\downarrow M2_{-30})^1 + \uparrow M6_{-26}(\downarrow m3_{+26})^1} = (1) + \uparrow M6_{+7}(\downarrow m3_{-7})$

$13834 = 2^1 \bullet 6917^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M6_{+7}(\downarrow m3_{-7})^1} = (1) + \uparrow M6_{+7}(\downarrow m3_{-7})$

$13835 = 5^1 \bullet 2767^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow P4_{+21}(\downarrow P5_{-21})^1} = (1) + \uparrow M6_{+7}(\downarrow m3_{-7})$

$13836 = 2^2 \bullet 3^1 \bullet 1153^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M2_{+5}(\downarrow m7_{-5})^1} = (1) + \uparrow M6_{+7}(\downarrow m3_{-7})$

$13837 = 101^1 \bullet 137^1 = \mathbf{(1) + \uparrow m6_{-10}(\downarrow M3_{+10})^1 + \uparrow m2_{+18}(\downarrow M7_{-18})^1} = (1) + \uparrow M6_{+7}(\downarrow m3_{-7})$

$13838 = 2^1 \bullet 11^1 \bullet 17^1 \bullet 37^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow m3_{-49}(\downarrow M6_{+49})^1} = (1) + \uparrow M6_{+8}(\downarrow m3_{-8})$

$13839 = 3^1 \bullet 7^1 \bullet 659^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M3_{+37}(\downarrow m6_{-37})^1} = (1) + \uparrow M6_{+8}(\downarrow m3_{-8})$

$13840 = 2^4 \bullet 5^1 \bullet 173^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow P4_{+22}(\downarrow P5_{-22})^1} = (1) + \uparrow M6_{+8}(\downarrow m3_{-8})$

$13841 = 13841^1 = \mathbf{(1) + \uparrow M6_{+8}(\downarrow m3_{-8})}$

$13842 = 2^1 \bullet 3^2 \bullet 769^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow P5_{+4}(\downarrow P4_{-4})^1} = (1) + \uparrow M6_{+8}(\downarrow m3_{-8})$

$13843 = 109^1 \bullet 127^1 = \mathbf{(1) + \uparrow M6_{+22}(\downarrow m3_{-22})^1 + \uparrow 8ve_{-14}(\downarrow uni_{+14})^1} = (1) + \uparrow M6_{+8}(\downarrow m3_{-8})$

$13844 = 2^2 \bullet 3461^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M6_{+8}(\downarrow m3_{-8})^1} = (1) + \uparrow M6_{+8}(\downarrow m3_{-8})$

$13845 = 3^1 \bullet 5^1 \bullet 13^1 \bullet 71^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow M2_{-20}(\downarrow m7_{+20})^1} = (1) + \uparrow M6_{+8}(\downarrow m3_{-8})$

$13846 = 2^1 \bullet 7^1 \bullet 23^1 \bullet 43^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow P4_{+12}(\downarrow P5_{-12})^1} = (1) + \uparrow M6_{+9}(\downarrow m3_{-9})$

$13847 = 61^1 \bullet 227^1 = \mathbf{(1) + \uparrow M7_{+17}(\downarrow m2_{-17})^1 + \uparrow m7_{-8}(\downarrow M2_{+8})^1} = (1) + \uparrow M6_{+9}(\downarrow m3_{-9})$

$13848 = 2^3 \bullet 3^1 \bullet 577^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M2_{+7}(\downarrow m7_{-7})^1} = (1) + \uparrow M6_{+9}(\downarrow m3_{-9})$

$13849 = 11^1 \bullet 1259^1 = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow M3_{-42}(\downarrow m6_{+42})^1} = (1) + \uparrow M6_{+9}(\downarrow m3_{-9})$

$13850 = 2^1 \bullet 5^2 \bullet 277^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow m2_{+36}(\downarrow M7_{-36})^1} = (1) + \uparrow M6_{+9}(\downarrow m3_{-9})$

$13851 = 3^6 \bullet 19^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^6 + \uparrow m3_{-2}(\downarrow M6_{+2})^1} = (1) + \uparrow M6_{+9}(\downarrow m3_{-9})$

$13852 = 2^2 \bullet 3463^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M6_{+9}(\downarrow m3_{-9})^1} = (1) + \uparrow M6_{+9}(\downarrow m3_{-9})$

$13853 = 7^1 \bullet 1979^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M7_{+41}(\downarrow m2_{-41})^1} = (1) + \uparrow M6_{+9}(\downarrow m3_{-9})$

$13854 = 2^1 \bullet 3^1 \bullet 2309^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M2_{+8}(\downarrow m7_{-8})^1} = (1) + \uparrow M6_{+10}(\downarrow m3_{-10})$

$13855 = 5^1 \bullet 17^1 \bullet 163^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow M3_{+18}(\downarrow m6_{-18})^1} = (1) + \uparrow M6_{+10}(\downarrow m3_{-10})$

$13856 = 2^5 \bullet 433^1 = \mathbf{(1) + \updownarrow 8ve(uni)^5 + \uparrow M6_{+10}(\downarrow m3_{-10})^1} = (1) + \uparrow M6_{+10}(\downarrow m3_{-10})$

$13857 = 3^1 \bullet 31^1 \bullet 149^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M7_{+45}(\downarrow m2_{-45})^1 + \uparrow m3_{-37}(\downarrow M6_{+37})^1} = (1) + \uparrow M6_{+10}(\downarrow m3_{-10})$

$13858 = 2^1 \bullet 13^2 \bullet 41^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^2 + \uparrow M3_{+29}(\downarrow m6_{-29})^1} = (1) + \uparrow M6_{+10}(\downarrow m3_{-10})$

$13859 = 13859^1 = \mathbf{(1) + \uparrow M6_{+10}(\downarrow m3_{-10})}$

$13860 = 2^2 \bullet 3^2 \bullet 5^1 \bullet 7^1 \bullet 11^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1} =$

$(1) + \uparrow M6_{+10}(\downarrow m3_{-10})$

$13861 = 83^1 \bullet 167^1 = \mathbf{(1) + \uparrow P4_{-50}(\downarrow P5_{+50})^1 + \uparrow P4_{-40}(\downarrow P5_{+40})^1} = (1) + \uparrow M6_{+10}(\downarrow m3_{-10})$

$13862 = 2^1 \bullet 29^1 \bullet 239^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1 + \uparrow M7_{-19}(\downarrow m2_{+19})^1} = (1) + \uparrow M6_{+11}(\downarrow m3_{-11})$

$13863 = 3^1 \bullet 4621^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M2_{+9}(\downarrow m7_{-9})^1} = (1) + \uparrow M6_{+11}(\downarrow m3_{-11})$

$13864 = 2^3 \bullet 1733^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow M6_{+11}(\downarrow m3_{-11})^1} = (1) + \uparrow M6_{+11}(\downarrow m3_{-11})$

$13865 = 5^1 \bullet 47^1 \bullet 59^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow P5_{-34}(\downarrow P4_{+34})^1 + \uparrow M7_{-41}(\downarrow m2_{+41})^1} = (1) + \uparrow M6_{+11}(\downarrow m3_{-11})$

$13866 = 2^{1}\bullet 3^{1}\bullet 2311^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M2_{+9}(\downarrow m7_{-9})^{1}} = (1) + \uparrow M6_{+11}(\downarrow m3_{-11})$

$13867 = 7^{2}\bullet 283^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{2} + \uparrow M2_{-26}(\downarrow m7_{+26})^{1}} = (1) + \uparrow M6_{+11}(\downarrow m3_{-11})$

$13868 = 2^{2}\bullet 3467^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M6_{+11}(\downarrow m3_{-11})^{1}} = (1) + \uparrow M6_{+11}(\downarrow m3_{-11})$

$13869 = 3^{2}\bullet 23^{1}\bullet 67^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow m2_{-21}(\downarrow M7_{+21})^{1}} = (1) + \uparrow M6_{+11}(\downarrow m3_{-11})$

$13870 = 2^{1}\bullet 5^{1}\bullet 19^{1}\bullet 73^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow M2_{+28}(\downarrow m7_{-28})^{1}} = (1) + \uparrow M6_{+12}(\downarrow m3_{-12})$

$13871 = 11^{1}\bullet 13^{1}\bullet 97^{1} = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow P5_{+20}(\downarrow P4_{-20})^{1}} = (1) + \uparrow M6_{+12}(\downarrow m3_{-12})$

$13872 = 2^{4}\bullet 3^{1}\bullet 17^{2} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{2}} = (1) + \uparrow M6_{+12}(\downarrow m3_{-12})$

$13873 = 13873^{1} = \mathbf{(1) + \uparrow M6_{+12}(\downarrow m3_{-12})}$

$13874 = 2^{1}\bullet 7^{1}\bullet 991^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M7_{+43}(\downarrow m2_{-43})^{1}} = (1) + \uparrow M6_{+12}(\downarrow m3_{-12})$

$13875 = 3^{1}\bullet 5^{3}\bullet 37^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{3} + \uparrow m3_{-49}(\downarrow M6_{+49})^{1}} = (1) + \uparrow M6_{+12}(\downarrow m3_{-12})$

$13876 = 2^{2}\bullet 3469^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M6_{+12}(\downarrow m3_{-12})^{1}} = (1) + \uparrow M6_{+12}(\downarrow m3_{-12})$

$13877 = 13877^{1} = \mathbf{(1) + \uparrow M6_{+12}(\downarrow m3_{-12})}$

$13878 = 2^{1}\bullet 3^{3}\bullet 257^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow uni_{+7}(\downarrow 8ve_{-7})^{1}} = (1) + \uparrow M6_{+13}(\downarrow m3_{-13})$

$13879 = 13879^{1} = \mathbf{(1) + \uparrow M6_{+13}(\downarrow m3_{-13})}$

$13880 = 2^{3}\bullet 5^{1}\bullet 347^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow P4_{+27}(\downarrow P5_{-27})^{1}} = (1) + \uparrow M6_{+13}(\downarrow m3_{-13})$

$13881 = 3^{1}\bullet 7^{1}\bullet 661^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M3_{+42}(\downarrow m6_{-42})^{1}} = (1) + \uparrow M6_{+13}(\downarrow m3_{-13})$

$13882 = 2^{1}\bullet 11^{1}\bullet 631^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow M3_{-38}(\downarrow m6_{+38})^{1}} = (1) + \uparrow M6_{+13}(\downarrow m3_{-13})$

$13883 = 13883^{1} = \mathbf{(1) + \uparrow M6_{+13}(\downarrow m3_{-13})}$

$13884 = 2^{2}\bullet 3^{1}\bullet 13^{1}\bullet 89^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow tt_{-29}(\downarrow tt_{+29})^{1}} = (1) + \uparrow M6_{+13}(\downarrow m3_{-13})$

$13885 = 5^{1}\bullet 2777^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow P4_{+27}(\downarrow P5_{-27})^{1}} = (1) + \uparrow M6_{+13}(\downarrow m3_{-13})$

$13886 = 2^{1}\bullet 53^{1}\bullet 131^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M6_{-26}(\downarrow m3_{+26})^{1} + \uparrow uni_{+40}(\downarrow 8ve_{-40})^{1}} = (1) + \uparrow M6_{+14}(\downarrow m3_{-14})$

$13887 = 3^{2}\bullet 1543^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow P5_{+10}(\downarrow P4_{-10})^{1}} = (1) + \uparrow M6_{+14}(\downarrow m3_{-14})$

$13888 = 2^{6}\bullet 7^{1}\bullet 31^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{6} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1}} = (1) + \uparrow M6_{+14}(\downarrow m3_{-14})$

$13889 = 17^{1}\bullet 19^{1}\bullet 43^{1} = \mathbf{(1) + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow P4_{+12}(\downarrow P5_{-12})^{1}} = (1) + \uparrow M6_{+14}(\downarrow m3_{-14})$

$13890 = 2^{1}\bullet 3^{1}\bullet 5^{1}\bullet 463^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{+26}(\downarrow M2_{-26})^{1}} = (1) + \uparrow M6_{+14}(\downarrow m3_{-14})$

$13891 = 29^{1}\bullet 479^{1} = \mathbf{(1) + \uparrow m7_{+30}(\downarrow M2_{-30})^{1} + \uparrow M7_{-15}(\downarrow m2_{+15})^{1}} = (1) + \uparrow M6_{+14}(\downarrow m3_{-14})$

$13892 = 2^{2}\bullet 23^{1}\bullet 151^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow m3_{-14}(\downarrow M6_{+14})^{1}} = (1) + \uparrow M6_{+14}(\downarrow m3_{-14})$

$13893 = 3^{1}\bullet 11^{1}\bullet 421^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow M6_{-39}(\downarrow m3_{+39})^{1}} = (1) + \uparrow M6_{+14}(\downarrow m3_{-14})$

$13894 = 2^{1}\bullet 6947^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M6_{+15}(\downarrow m3_{-15})^{1}} = (1) + \uparrow M6_{+15}(\downarrow m3_{-15})$

$13895 = 5^{1}\bullet 7^{1}\bullet 397^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m6_{-40}(\downarrow M3_{+40})^{1}} = (1) + \uparrow M6_{+15}(\downarrow m3_{-15})$

$13896 = 2^{3}\bullet 3^{2}\bullet 193^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow P5_{+11}(\downarrow P4_{-11})^{1}} = (1) + \uparrow M6_{+15}(\downarrow m3_{-15})$

$13897 = 13^{1}\bullet 1069^{1} = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m2_{-26}(\downarrow M7_{+26})^{1}} = (1) + \uparrow M6_{+15}(\downarrow m3_{-15})$

$13898 = 2^{1}\bullet 6949^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M6_{+15}(\downarrow m3_{-15})^{1}} = (1) + \uparrow M6_{+15}(\downarrow m3_{-15})$

$13899 = 3^{1}\bullet 41^{1}\bullet 113^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{+29}(\downarrow m6_{-29})^{1} + \uparrow m7_{-16}(\downarrow M2_{+16})^{1}} = (1) + \uparrow M6_{+15}(\downarrow m3_{-15})$

$13900 = 2^{2}\bullet 5^{2}\bullet 139^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow m2_{+43}(\downarrow M7_{-43})^{1}} = (1) + \uparrow M6_{+15}(\downarrow m3_{-15})$

$13901 = 13901^{1} = \mathbf{(1) + \uparrow M6_{+15}(\downarrow m3_{-15})}$

$13902 = 2^{1}\bullet 3^{1}\bullet 7^{1}\bullet 331^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M3_{+45}(\downarrow m6_{-45})^{1}} = (1) + \uparrow M6_{+16}(\downarrow m3_{-16})$

$13903 = 13903^{1} = \mathbf{(1) + \uparrow M6_{+16}(\downarrow m3_{-16})}$

$13904 = 2^{4}\bullet 11^{1}\bullet 79^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow M3_{-35}(\downarrow m6_{+35})^{1}} = (1) + \uparrow M6_{+16}(\downarrow m3_{-16})$

$13905 = 3^{3}\bullet 5^{1}\bullet 103^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m6_{+24}(\downarrow M3_{-24})^{1}} = (1) + \uparrow M6_{+16}(\downarrow m3_{-16})$

$13906 = 2^{1}\bullet 17^{1}\bullet 409^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow m6_{+11}(\downarrow M3_{-11})^{1}} = (1) + \uparrow M6_{+16}(\downarrow m3_{-16})$

$13907 = 13907^{1} = \mathbf{(1) + \uparrow M6_{+16}(\downarrow m3_{-16})}$

$13908 = 2^2 \bullet 3^1 \bullet 19^1 \bullet 61^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow M7_{+17}(\downarrow m2_{-17})^1} = (1) + \uparrow M6_{+16}(\downarrow m3_{-16})$

$13909 = 7^1 \bullet 1987^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M7_{+48}(\downarrow m2_{-48})^1} = (1) + \uparrow M6_{+16}(\downarrow m3_{-16})$

$13910 = 2^1 \bullet 5^1 \bullet 13^1 \bullet 107^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow M6_{-10}(\downarrow m3_{+10})^1} = (1) + \uparrow M6_{+17}(\downarrow m3_{-17})$

$13911 = 3^1 \bullet 4637^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M2_{+15}(\downarrow m7_{-15})^1} = (1) + \uparrow M6_{+17}(\downarrow m3_{-17})$

$13912 = 2^3 \bullet 37^1 \bullet 47^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow m3_{-49}(\downarrow M6_{+49})^1 + \uparrow P5_{-34}(\downarrow P4_{+34})^1} = (1) + \uparrow M6_{+17}(\downarrow m3_{-17})$

$13913 = 13913^1 = \mathbf{(1) + \uparrow M6_{+17}(\downarrow m3_{-17})}$

$13914 = 2^1 \bullet 3^2 \bullet 773^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow P5_{+13}(\downarrow P4_{-13})^1} = (1) + \uparrow M6_{+17}(\downarrow m3_{-17})$

$13915 = 5^1 \bullet 11^2 \bullet 23^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^2 + \uparrow tt_{+28}(\downarrow tt_{-28})^1} = (1) + \uparrow M6_{+17}(\downarrow m3_{-17})$

$13916 = 2^2 \bullet 7^2 \bullet 71^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m7_{-31}(\downarrow M2_{+31})^2 + \uparrow M2_{-20}(\downarrow m7_{+20})^1} = (1) + \uparrow M6_{+17}(\downarrow m3_{-17})$

$13917 = 3^1 \bullet 4639^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M2_{+16}(\downarrow m7_{-16})^1} = (1) + \uparrow M6_{+17}(\downarrow m3_{-17})$

$13918 = 2^1 \bullet 6959^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M6_{+18}(\downarrow m3_{-18})^1} = (1) + \uparrow M6_{+18}(\downarrow m3_{-18})$

$13919 = 31^1 \bullet 449^1 = \mathbf{(1) + \uparrow M7_{+45}(\downarrow m2_{-45})^1 + \uparrow m7_{-27}(\downarrow M2_{+27})^1} = (1) + \uparrow M6_{+18}(\downarrow m3_{-18})$

$13920 = 2^5 \bullet 3^1 \bullet 5^1 \bullet 29^1 = \mathbf{(1) + \updownarrow 8ve(uni)^5 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1} = (1) + \uparrow M6_{+18}(\downarrow m3_{-18})$

$13921 = 13921^1 = \mathbf{(1) + \uparrow M6_{+18}(\downarrow m3_{-18})}$

$13922 = 2^1 \bullet 6961^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M6_{+18}(\downarrow m3_{-18})^1} = (1) + \uparrow M6_{+18}(\downarrow m3_{-18})$

$13923 = 3^2 \bullet 7^1 \bullet 13^1 \bullet 17^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1} = (1) + \uparrow M6_{+18}(\downarrow m3_{-18})$

$13924 = 2^2 \bullet 59^2 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M7_{-41}(\downarrow m2_{+41})^2} = (1) + \uparrow M6_{+18}(\downarrow m3_{-18})$

$13925 = 5^2 \bullet 557^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow m2_{+46}(\downarrow M7_{-46})^1} = (1) + \uparrow M6_{+18}(\downarrow m3_{-18})$

$13926 = 2^1 \bullet 3^1 \bullet 11^1 \bullet 211^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow M6_{-35}(\downarrow m3_{+35})^1} = (1) + \uparrow M6_{+19}(\downarrow m3_{-19})$

$13927 = 19^1 \bullet 733^1 = \mathbf{(1) + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow tt_{+21}(\downarrow tt_{-21})^1} = (1) + \uparrow M6_{+19}(\downarrow m3_{-19})$

$13928 = 2^3 \bullet 1741^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow M6_{+19}(\downarrow m3_{-19})^1} = (1) + \uparrow M6_{+19}(\downarrow m3_{-19})$

$13929 = 3^1 \bullet 4643^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M2_{+17}(\downarrow m7_{-17})^1} = (1) + \uparrow M6_{+19}(\downarrow m3_{-19})$

$13930 = 2^1 \bullet 5^1 \bullet 7^1 \bullet 199^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m6_{-36}(\downarrow M3_{+36})^1} = (1) + \uparrow M6_{+19}(\downarrow m3_{-19})$

$13931 = 13931^1 = \mathbf{(1) + \uparrow M6_{+19}(\downarrow m3_{-19})}$

$13932 = 2^2 \bullet 3^4 \bullet 43^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^4 + \uparrow P4_{+12}(\downarrow P5_{-12})^1} = (1) + \uparrow M6_{+19}(\downarrow m3_{-19})$

$13933 = 13933^1 = \mathbf{(1) + \uparrow M6_{+19}(\downarrow m3_{-19})}$

$13934 = 2^1 \bullet 6967^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M6_{+20}(\downarrow m3_{-20})^1} = (1) + \uparrow M6_{+20}(\downarrow m3_{-20})$

$13935 = 3^1 \bullet 5^1 \bullet 929^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{+31}(\downarrow M2_{-31})^1} = (1) + \uparrow M6_{+20}(\downarrow m3_{-20})$

$13936 = 2^4 \bullet 13^1 \bullet 67^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow m2_{-21}(\downarrow M7_{+21})^1} = (1) + \uparrow M6_{+20}(\downarrow m3_{-20})$

$13937 = 7^1 \bullet 11^1 \bullet 181^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow tt_{+0}(\downarrow tt_{-0})^1} = (1) + \uparrow M6_{+20}(\downarrow m3_{-20})$

$13938 = 2^1 \bullet 3^1 \bullet 23^1 \bullet 101^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow m6_{-10}(\downarrow M3_{+10})^1} = (1) + \uparrow M6_{+20}(\downarrow m3_{-20})$

$13939 = 53^1 \bullet 263^1 = \mathbf{(1) + \uparrow M6_{-26}(\downarrow m3_{+26})^1 + \uparrow uni_{+47}(\downarrow 8ve_{-47})^1} = (1) + \uparrow M6_{+20}(\downarrow m3_{-20})$

$13940 = 2^2 \bullet 5^1 \bullet 17^1 \bullet 41^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow M3_{+29}(\downarrow m6_{-29})^1} = (1) + \uparrow M6_{+20}(\downarrow m3_{-20})$

$13941 = 3^2 \bullet 1549^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow P5_{+17}(\downarrow P4_{-17})^1} = (1) + \uparrow M6_{+20}(\downarrow m3_{-20})$

$13942 = 2^1 \bullet 6971^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M6_{+21}(\downarrow m3_{-21})^1} = (1) + \uparrow M6_{+21}(\downarrow m3_{-21})$

$13943 = 73^1 \bullet 191^1 = \mathbf{(1) + \uparrow M2_{+28}(\downarrow m7_{-28})^1 + \uparrow P5_{-7}(\downarrow P4_{+7})^1} = (1) + \uparrow M6_{+21}(\downarrow m3_{-21})$

$13944 = 2^3 \bullet 3^1 \bullet 7^1 \bullet 83^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow P4_{-50}(\downarrow P5_{+50})^1} = (1) + \uparrow M6_{+21}(\downarrow m3_{-21})$

$13945 = 5^1 \bullet 2789^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow P4_{+35}(\downarrow P5_{-35})^1} = (1) + \uparrow M6_{+21}(\downarrow m3_{-21})$

$13946 = 2^1 \bullet 19^1 \bullet 367^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow tt_{+24}(\downarrow tt_{-24})^1} = (1) + \uparrow M6_{+21}(\downarrow m3_{-21})$

$13947 = 3^1 \bullet 4649^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M2_{+19}(\downarrow m7_{-19})^1} = (1) + \uparrow M6_{+21}(\downarrow m3_{-21})$

$13948 = 2^2 \bullet 11^1 \bullet 317^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow M3_{-30}(\downarrow m6_{+30})^1} = (1) + \uparrow M6_{+21}(\downarrow m3_{-21})$

$13949 = 13^1 \bullet 29^1 \bullet 37^1 = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1 + \uparrow m3_{-49}(\downarrow M6_{+49})^1} = (1) + \uparrow M6_{+21}(\downarrow m3_{-21})$

$13950 = 2^{1}\bullet 3^{2}\bullet 5^{2}\bullet 31^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1}} = (1) + \uparrow M6_{+22}(\downarrow m3_{-22})$

$13951 = 7^{1}\bullet 1993^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow 8ve_{-47}(\downarrow uni_{+47})^{1}} = (1) + \uparrow M6_{+22}(\downarrow m3_{-22})$

$13952 = 2^{7}\bullet 109^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{7} + \uparrow M6_{+22}(\downarrow m3_{-22})^{1}} = (1) + \uparrow M6_{+22}(\downarrow m3_{-22})$

$13953 = 3^{1}\bullet 4651^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M2_{+20}(\downarrow m7_{-20})^{1}} = (1) + \uparrow M6_{+22}(\downarrow m3_{-22})$

$13954 = 2^{1}\bullet 6977^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M6_{+22}(\downarrow m3_{-22})^{1}} = (1) + \uparrow M6_{+22}(\downarrow m3_{-22})$

$13955 = 5^{1}\bullet 2791^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow P4_{+36}(\downarrow P5_{-36})^{1}} = (1) + \uparrow M6_{+22}(\downarrow m3_{-22})$

$13956 = 2^{2}\bullet 3^{1}\bullet 1163^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M2_{+20}(\downarrow m7_{-20})^{1}} = (1) + \uparrow M6_{+22}(\downarrow m3_{-22})$

$13957 = 17^{1}\bullet 821^{1} = \mathbf{(1) + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow m6_{+17}(\downarrow M3_{-17})^{1}} = (1) + \uparrow M6_{+22}(\downarrow m3_{-22})$

$13958 = 2^{1}\bullet 7^{1}\bullet 997^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow 8ve_{-46}(\downarrow uni_{+46})^{1}} = (1) + \uparrow M6_{+23}(\downarrow m3_{-23})$

$13959 = 3^{3}\bullet 11^{1}\bullet 47^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow P5_{-34}(\downarrow P4_{+34})^{1}} = (1) + \uparrow M6_{+23}(\downarrow m3_{-23})$

$13960 = 2^{3}\bullet 5^{1}\bullet 349^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow P4_{+36}(\downarrow P5_{-36})^{1}} = (1) + \uparrow M6_{+23}(\downarrow m3_{-23})$

$13961 = 23^{1}\bullet 607^{1} = \mathbf{(1) + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow m3_{-5}(\downarrow M6_{+5})^{1}} = (1) + \uparrow M6_{+23}(\downarrow m3_{-23})$

$13962 = 2^{1}\bullet 3^{1}\bullet 13^{1}\bullet 179^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow tt_{-19}(\downarrow tt_{+19})^{1}} = (1) + \uparrow M6_{+23}(\downarrow m3_{-23})$

$13963 = 13963^{1} = \mathbf{(1) + \uparrow M6_{+23}(\downarrow m3_{-23})}$

$13964 = 2^{2}\bullet 3491^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M6_{+23}(\downarrow m3_{-23})^{1}} = (1) + \uparrow M6_{+23}(\downarrow m3_{-23})$

$13965 = 3^{1}\bullet 5^{1}\bullet 7^{2}\bullet 19^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{2} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1}} = (1) + \uparrow M6_{+23}(\downarrow m3_{-23})$

$13966 = 2^{1}\bullet 6983^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M6_{+24}(\downarrow m3_{-24})^{1}} = (1) + \uparrow M6_{+24}(\downarrow m3_{-24})$

$13967 = 13967^{1} = \mathbf{(1) + \uparrow M6_{+24}(\downarrow m3_{-24})}$

$13968 = 2^{4}\bullet 3^{2}\bullet 97^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow P5_{+20}(\downarrow P4_{-20})^{1}} = (1) + \uparrow M6_{+24}(\downarrow m3_{-24})$

$13969 = 61^{1}\bullet 229^{1} = \mathbf{(1) + \uparrow M7_{+17}(\downarrow m2_{-17})^{1} + \uparrow m7_{+7}(\downarrow M2_{-7})^{1}} = (1) + \uparrow M6_{+24}(\downarrow m3_{-24})$

$13970 = 2^{1}\bullet 5^{1}\bullet 11^{1}\bullet 127^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow 8ve_{-14}(\downarrow uni_{+14})^{1}} = (1) + \uparrow M6_{+24}(\downarrow m3_{-24})$

$13971 = 3^{1}\bullet 4657^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M2_{+22}(\downarrow m7_{-22})^{1}} = (1) + \uparrow M6_{+24}(\downarrow m3_{-24})$

$13972 = 2^{2}\bullet 7^{1}\bullet 499^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow 8ve_{-45}(\downarrow uni_{+45})^{1}} = (1) + \uparrow M6_{+24}(\downarrow m3_{-24})$

$13973 = 89^{1}\bullet 157^{1} = \mathbf{(1) + \uparrow tt_{-29}(\downarrow tt_{+29})^{1} + \uparrow M3_{-46}(\downarrow m6_{+46})^{1}} = (1) + \uparrow M6_{+24}(\downarrow m3_{-24})$

$13974 = 2^{1}\bullet 3^{1}\bullet 17^{1}\bullet 137^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow m2_{+18}(\downarrow M7_{-18})^{1}} = (1) + \uparrow M6_{+25}(\downarrow m3_{-25})$

$13975 = 5^{2}\bullet 13^{1}\bullet 43^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow P4_{+12}(\downarrow P5_{-12})^{1}} = (1) + \uparrow M6_{+25}(\downarrow m3_{-25})$

$13976 = 2^{3}\bullet 1747^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow M6_{+25}(\downarrow m3_{-25})^{1}} = (1) + \uparrow M6_{+25}(\downarrow m3_{-25})$

$13977 = 3^{2}\bullet 1553^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow P5_{+21}(\downarrow P4_{-21})^{1}} = (1) + \uparrow M6_{+25}(\downarrow m3_{-25})$

$13978 = 2^{1}\bullet 29^{1}\bullet 241^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1} + \uparrow M7_{-5}(\downarrow m2_{+5})^{1}} = (1) + \uparrow M6_{+25}(\downarrow m3_{-25})$

$13979 = 7^{1}\bullet 1997^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow 8ve_{-44}(\downarrow uni_{+44})^{1}} = (1) + \uparrow M6_{+25}(\downarrow m3_{-25})$

$13980 = 2^{2}\bullet 3^{1}\bullet 5^{1}\bullet 233^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{+37}(\downarrow M2_{-37})^{1}} = (1) + \uparrow M6_{+25}(\downarrow m3_{-25})$

$13981 = 11^{1}\bullet 31^{1}\bullet 41^{1} = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1} + \uparrow M3_{+29}(\downarrow m6_{-29})^{1}} = (1) + \uparrow M6_{+25}(\downarrow m3_{-25})$

$13982 = 2^{1}\bullet 6991^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M6_{+26}(\downarrow m3_{-26})^{1}} = (1) + \uparrow M6_{+26}(\downarrow m3_{-26})$

$13983 = 3^{1}\bullet 59^{1}\bullet 79^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M7_{-41}(\downarrow m2_{+41})^{1} + \uparrow M3_{-35}(\downarrow m6_{+35})^{1}} = (1) + \uparrow M6_{+26}(\downarrow m3_{-26})$

$13984 = 2^{5}\bullet 19^{1}\bullet 23^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{5} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1}} = (1) + \uparrow M6_{+26}(\downarrow m3_{-26})$

$13985 = 5^{1}\bullet 2797^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow P4_{+40}(\downarrow P5_{-40})^{1}} = (1) + \uparrow M6_{+26}(\downarrow m3_{-26})$

$13986 = 2^{1}\bullet 3^{3}\bullet 7^{1}\bullet 37^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m3_{-49}(\downarrow M6_{+49})^{1}} = (1) + \uparrow M6_{+26}(\downarrow m3_{-26})$

$13987 = 71^{1}\bullet 197^{1} = \mathbf{(1) + \uparrow M2_{-20}(\downarrow m7_{+20})^{1} + \uparrow P5_{+46}(\downarrow P4_{-46})^{1}} = (1) + \uparrow M6_{+26}(\downarrow m3_{-26})$

$13988 = 2^{2}\bullet 13^{1}\bullet 269^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m2_{-14}(\downarrow M7_{+14})^{1}} = (1) + \uparrow M6_{+26}(\downarrow m3_{-26})$

$13989 = 3^{1}\bullet 4663^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M2_{+24}(\downarrow m7_{-24})^{1}} = (1) + \uparrow M6_{+26}(\downarrow m3_{-26})$

$13990 = 2^{1}\bullet 5^{1}\bullet 1399^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow P4_{+40}(\downarrow P5_{-40})^{1}} = (1) + \uparrow M6_{+27}(\downarrow m3_{-27})$

$13991 = 17^{1}\bullet 823^{1} = \mathbf{(1) + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow m6_{+22}(\downarrow M3_{-22})^{1}} = (1) + \uparrow M6_{+27}(\downarrow m3_{-27})$

$13992 = 2^{3}\bullet3^{1}\bullet11^{1}\bullet53^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow M6_{-26}(\downarrow m3_{+26})^{1}} = (1) + \uparrow M6_{+27}(\downarrow m3_{-27})$

$13993 = 7^{1}\bullet1999^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow 8ve_{-42}(\downarrow uni_{+42})^{1}} = (1) + \uparrow M6_{+27}(\downarrow m3_{-27})$

$13994 = 2^{1}\bullet6997^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M6_{+27}(\downarrow m3_{-27})^{1}} = (1) + \uparrow M6_{+27}(\downarrow m3_{-27})$

$13995 = 3^{2}\bullet5^{1}\bullet311^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m3_{+37}(\downarrow M6_{-37})^{1}} = (1) + \uparrow M6_{+27}(\downarrow m3_{-27})$

$13996 = 2^{2}\bullet3499^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M6_{+27}(\downarrow m3_{-27})^{1}} = (1) + \uparrow M6_{+27}(\downarrow m3_{-27})$

$13997 = 13997^{1} = \mathbf{(1) + \uparrow M6_{+27}(\downarrow m3_{-27})}$

$13998 = 2^{1}\bullet3^{1}\bullet2333^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M2_{+26}(\downarrow m7_{-26})^{1}} = (1) + \uparrow M6_{+28}(\downarrow m3_{-28})$

$13999 = 13999^{1} = \mathbf{(1) + \uparrow M6_{+28}(\downarrow m3_{-28})}$

$14000 = 2^{4}\bullet5^{3}\bullet7^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow M3_{-14}(\downarrow m6_{+14})^{3} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1}} = (1) + \uparrow M6_{+28}(\downarrow m3_{-28})$

$14001 = 3^{1}\bullet13^{1}\bullet359^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow tt_{-15}(\downarrow tt_{+15})^{1}} = (1) + \uparrow M6_{+28}(\downarrow m3_{-28})$

$14002 = 2^{1}\bullet7001^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M6_{+28}(\downarrow m3_{-28})^{1}} = (1) + \uparrow M6_{+28}(\downarrow m3_{-28})$

$14003 = 11^{1}\bullet19^{1}\bullet67^{1} = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow m2_{-21}(\downarrow M7_{+21})^{1}} = (1) + \uparrow M6_{+28}(\downarrow m3_{-28})$

$14004 = 2^{2}\bullet3^{2}\bullet389^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow P5_{+24}(\downarrow P4_{-24})^{1}} = (1) + \uparrow M6_{+28}(\downarrow m3_{-28})$

$14005 = 5^{1}\bullet2801^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow P4_{+42}(\downarrow P5_{-42})^{1}} = (1) + \uparrow M6_{+28}(\downarrow m3_{-28})$

$14006 = 2^{1}\bullet47^{1}\bullet149^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{-34}(\downarrow P4_{+34})^{1} + \uparrow m3_{-37}(\downarrow M6_{+37})^{1}} = (1) + \uparrow M6_{+29}(\downarrow m3_{-29})$

$14007 = 3^{1}\bullet7^{1}\bullet23^{1}\bullet29^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1}} = (1) + \uparrow M6_{+29}(\downarrow m3_{-29})$

$14008 = 2^{3}\bullet17^{1}\bullet103^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow m6_{+24}(\downarrow M3_{-24})^{1}} = (1) + \uparrow M6_{+29}(\downarrow m3_{-29})$

$14009 = 14009^{1} = \mathbf{(1) + \uparrow M6_{+29}(\downarrow m3_{-29})}$

$14010 = 2^{1}\bullet3^{1}\bullet5^{1}\bullet467^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{+41}(\downarrow M2_{-41})^{1}} = (1) + \uparrow M6_{+29}(\downarrow m3_{-29})$

$14011 = 14011^{1} = \mathbf{(1) + \uparrow M6_{+29}(\downarrow m3_{-29})}$

$14012 = 2^{2}\bullet31^{1}\bullet113^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1} + \uparrow m7_{-16}(\downarrow M2_{+16})^{1}} = (1) + \uparrow M6_{+29}(\downarrow m3_{-29})$

$14013 = 3^{4}\bullet173^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{4} + \uparrow P4_{+22}(\downarrow P5_{-22})^{1}} = (1) + \uparrow M6_{+29}(\downarrow m3_{-29})$

$14014 = 2^{1}\bullet7^{2}\bullet11^{1}\bullet13^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{2} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1}} = (1) + \uparrow M6_{+29}(\downarrow m3_{-29})$

$14015 = 5^{1}\bullet2803^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow P4_{+43}(\downarrow P5_{-43})^{1}} = (1) + \uparrow M6_{+30}(\downarrow m3_{-30})$

$14016 = 2^{6}\bullet3^{1}\bullet73^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{6} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M2_{+28}(\downarrow m7_{-28})^{1}} = (1) + \uparrow M6_{+30}(\downarrow m3_{-30})$

$14017 = 107^{1}\bullet131^{1} = \mathbf{(1) + \uparrow M6_{-10}(\downarrow m3_{+10})^{1} + \uparrow uni_{+40}(\downarrow 8ve_{-40})^{1}} = (1) + \uparrow M6_{+30}(\downarrow m3_{-30})$

$14018 = 2^{1}\bullet43^{1}\bullet163^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P4_{+12}(\downarrow P5_{-12})^{1} + \uparrow M3_{+18}(\downarrow m6_{-18})^{1}} = (1) + \uparrow M6_{+30}(\downarrow m3_{-30})$

$14019 = 3^{1}\bullet4673^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M2_{+28}(\downarrow m7_{-28})^{1}} = (1) + \uparrow M6_{+30}(\downarrow m3_{-30})$

$14020 = 2^{2}\bullet5^{1}\bullet701^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow P4_{+44}(\downarrow P5_{-44})^{1}} = (1) + \uparrow M6_{+30}(\downarrow m3_{-30})$

$14021 = 7^{1}\bullet2003^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow 8ve_{-38}(\downarrow uni_{+38})^{1}} = (1) + \uparrow M6_{+30}(\downarrow m3_{-30})$

$14022 = 2^{1}\bullet3^{2}\bullet19^{1}\bullet41^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow M3_{+29}(\downarrow m6_{-29})^{1}} = (1) + \uparrow M6_{+30}(\downarrow m3_{-30})$

$14023 = 37^{1}\bullet379^{1} = \mathbf{(1) + \uparrow m3_{-49}(\downarrow M6_{+49})^{1} + \uparrow P5_{-21}(\downarrow P4_{+21})^{1}} = (1) + \uparrow M6_{+31}(\downarrow m3_{-31})$

$14024 = 2^{3}\bullet1753^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow M6_{+31}(\downarrow m3_{-31})^{1}} = (1) + \uparrow M6_{+31}(\downarrow m3_{-31})$

$14025 = 3^{1}\bullet5^{2}\bullet11^{1}\bullet17^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1}} = (1) + \uparrow M6_{+31}(\downarrow m3_{-31})$

$14026 = 2^{1}\bullet7013^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M6_{+31}(\downarrow m3_{-31})^{1}} = (1) + \uparrow M6_{+31}(\downarrow m3_{-31})$

$14027 = 13^{2}\bullet83^{1} = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^{2} + \uparrow P4_{-50}(\downarrow P5_{+50})^{1}} = (1) + \uparrow M6_{+31}(\downarrow m3_{-31})$

$14028 = 2^{2}\bullet3^{1}\bullet7^{1}\bullet167^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow P4_{-40}(\downarrow P5_{+40})^{1}} = (1) + \uparrow M6_{+31}(\downarrow m3_{-31})$

$14029 = 14029^{1} = \mathbf{(1) + \uparrow M6_{+31}(\downarrow m3_{-31})}$

$14030 = 2^{1}\bullet5^{1}\bullet23^{1}\bullet61^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow M7_{+17}(\downarrow m2_{-17})^{1}} = (1) + \uparrow M6_{+31}(\downarrow m3_{-31})$

$14031 = 3^{2}\bullet1559^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow P5_{+28}(\downarrow P4_{-28})^{1}} = (1) + \uparrow M6_{+32}(\downarrow m3_{-32})$

$14032 = 2^{4}\bullet877^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow M6_{+32}(\downarrow m3_{-32})^{1}} = (1) + \uparrow M6_{+32}(\downarrow m3_{-32})$

$14033 = 14033^{1} = \mathbf{(1) + \uparrow M6_{+32}(\downarrow m3_{-32})}$

$14034 = 2^1 \bullet 3^1 \bullet 2339^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M2_{+30}(\downarrow m7_{-30})^1} = (1) + \uparrow M6_{+32}(\downarrow m3_{-32})$

$14035 = 5^1 \bullet 7^1 \bullet 401^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m6_{-23}(\downarrow M3_{+23})^1} = (1) + \uparrow M6_{+32}(\downarrow m3_{-32})$

$14036 = 2^2 \bullet 11^2 \bullet 29^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow tt_{-49}(\downarrow tt_{+49})^2 + \uparrow m7_{+30}(\downarrow M2_{-30})^1} = (1) + \uparrow M6_{+32}(\downarrow m3_{-32})$

$14037 = 3^1 \bullet 4679^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M2_{+30}(\downarrow m7_{-30})^1} = (1) + \uparrow M6_{+32}(\downarrow m3_{-32})$

$14038 = 2^1 \bullet 7019^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M6_{+32}(\downarrow m3_{-32})^1} = (1) + \uparrow M6_{+32}(\downarrow m3_{-32})$

$14039 = 101^1 \bullet 139^1 = \mathbf{(1) + \uparrow m6_{-10}(\downarrow M3_{+10})^1 + \uparrow m2_{+43}(\downarrow M7_{-43})^1} = (1) + \uparrow M6_{+33}(\downarrow m3_{-33})$

$14040 = 2^3 \bullet 3^3 \bullet 5^1 \bullet 13^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1} = (1) + \uparrow M6_{+33}(\downarrow m3_{-33})$

$14041 = 19^1 \bullet 739^1 = \mathbf{(1) + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow tt_{+35}(\downarrow tt_{-35})^1} = (1) + \uparrow M6_{+33}(\downarrow m3_{-33})$

$14042 = 2^1 \bullet 7^1 \bullet 17^1 \bullet 59^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow M7_{-41}(\downarrow m2_{+41})^1} = (1) + \uparrow M6_{+33}(\downarrow m3_{-33})$

$14043 = 3^1 \bullet 31^1 \bullet 151^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M7_{+45}(\downarrow m2_{-45})^1 + \uparrow m3_{-14}(\downarrow M6_{+14})^1} = (1) + \uparrow M6_{+33}(\downarrow m3_{-33})$

$14044 = 2^2 \bullet 3511^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M6_{+33}(\downarrow m3_{-33})^1} = (1) + \uparrow M6_{+33}(\downarrow m3_{-33})$

$14045 = 5^1 \bullet 53^2 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M6_{-26}(\downarrow m3_{+26})^2} = (1) + \uparrow M6_{+33}(\downarrow m3_{-33})$

$14046 = 2^1 \bullet 3^1 \bullet 2341^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M2_{+31}(\downarrow m7_{-31})^1} = (1) + \uparrow M6_{+33}(\downarrow m3_{-33})$

$14047 = 11^1 \bullet 1277^1 = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow M3_{-18}(\downarrow m6_{+18})^1} = (1) + \uparrow M6_{+34}(\downarrow m3_{-34})$

$14048 = 2^5 \bullet 439^1 = \mathbf{(1) + \updownarrow 8ve(uni)^5 + \uparrow M6_{+34}(\downarrow m3_{-34})^1} = (1) + \uparrow M6_{+34}(\downarrow m3_{-34})$

$14049 = 3^2 \bullet 7^1 \bullet 223^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m7_{-39}(\downarrow M2_{+39})^1} = (1) + \uparrow M6_{+34}(\downarrow m3_{-34})$

$14050 = 2^1 \bullet 5^2 \bullet 281^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow M2_{-39}(\downarrow m7_{+39})^1} = (1) + \uparrow M6_{+34}(\downarrow m3_{-34})$

$14051 = 14051^1 = \mathbf{(1) + \uparrow M6_{+34}(\downarrow m3_{-34})}$

$14052 = 2^2 \bullet 3^1 \bullet 1171^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M2_{+32}(\downarrow m7_{-32})^1} = (1) + \uparrow M6_{+34}(\downarrow m3_{-34})$

$14053 = 13^1 \bullet 23^1 \bullet 47^1 = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow P5_{-34}(\downarrow P4_{+34})^1} = (1) + \uparrow M6_{+34}(\downarrow m3_{-34})$

$14054 = 2^1 \bullet 7027^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M6_{+34}(\downarrow m3_{-34})^1} = (1) + \uparrow M6_{+34}(\downarrow m3_{-34})$

$14055 = 3^1 \bullet 5^1 \bullet 937^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{+46}(\downarrow M2_{-46})^1} = (1) + \uparrow M6_{+35}(\downarrow m3_{-35})$

$14056 = 2^3 \bullet 7^1 \bullet 251^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow 8ve_{-34}(\downarrow uni_{+34})^1} = (1) + \uparrow M6_{+35}(\downarrow m3_{-35})$

$14057 = 14057^1 = \mathbf{(1) + \uparrow M6_{+35}(\downarrow m3_{-35})}$

$14058 = 2^1 \bullet 3^2 \bullet 11^1 \bullet 71^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow M2_{-20}(\downarrow m7_{+20})^1} = (1) + \uparrow M6_{+35}(\downarrow m3_{-35})$

$14059 = 17^1 \bullet 827^1 = \mathbf{(1) + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow m6_{+30}(\downarrow M3_{-30})^1} = (1) + \uparrow M6_{+35}(\downarrow m3_{-35})$

$14060 = 2^2 \bullet 5^1 \bullet 19^1 \bullet 37^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow m3_{-49}(\downarrow M6_{+49})^1} = (1) + \uparrow M6_{+35}(\downarrow m3_{-35})$

$14061 = 3^1 \bullet 43^1 \bullet 109^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow P4_{+12}(\downarrow P5_{-12})^1 + \uparrow M6_{+22}(\downarrow m3_{-22})^1} = (1) + \uparrow M6_{+35}(\downarrow m3_{-35})$

$14062 = 2^1 \bullet 79^1 \bullet 89^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-35}(\downarrow m6_{+35})^1 + \uparrow tt_{-29}(\downarrow tt_{+29})^1} = (1) + \uparrow M6_{+35}(\downarrow m3_{-35})$

$14063 = 7^3 \bullet 41^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^3 + \uparrow M3_{+29}(\downarrow m6_{-29})^1} = (1) + \uparrow M6_{+36}(\downarrow m3_{-36})$

$14064 = 2^4 \bullet 3^1 \bullet 293^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M2_{+34}(\downarrow m7_{-34})^1} = (1) + \uparrow M6_{+36}(\downarrow m3_{-36})$

$14065 = 5^1 \bullet 29^1 \bullet 97^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1 + \uparrow P5_{+20}(\downarrow P4_{-20})^1} = (1) + \uparrow M6_{+36}(\downarrow m3_{-36})$

$14066 = 2^1 \bullet 13^1 \bullet 541^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow m2_{-5}(\downarrow M7_{+5})^1} = (1) + \uparrow M6_{+36}(\downarrow m3_{-36})$

$14067 = 3^3 \bullet 521^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow uni_{+30}(\downarrow 8ve_{-30})^1} = (1) + \uparrow M6_{+36}(\downarrow m3_{-36})$

$14068 = 2^2 \bullet 3517^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M6_{+36}(\downarrow m3_{-36})^1} = (1) + \uparrow M6_{+36}(\downarrow m3_{-36})$

$14069 = 11^1 \bullet 1279^1 = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow M3_{-15}(\downarrow m6_{+15})^1} = (1) + \uparrow M6_{+36}(\downarrow m3_{-36})$

$14070 = 2^1 \bullet 3^1 \bullet 5^1 \bullet 7^1 \bullet 67^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m2_{-21}(\downarrow M7_{+21})^1} =$

$(1) + \uparrow M6_{+36}(\downarrow m3_{-36})$

$14071 = 14071^1 = \mathbf{(1) + \uparrow M6_{+37}(\downarrow m3_{-37})}$

$14072 = 2^3 \bullet 1759^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow M6_{+37}(\downarrow m3_{-37})^1} = (1) + \uparrow M6_{+37}(\downarrow m3_{-37})$

$14073 = 3^1 \bullet 4691^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M2_{+35}(\downarrow m7_{-35})^1} = (1) + \uparrow M6_{+37}(\downarrow m3_{-37})$

$14074 = 2^1 \bullet 31^1 \bullet 227^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M7_{+45}(\downarrow m2_{-45})^1 + \uparrow m7_{-8}(\downarrow M2_{+8})^1} = (1) + \uparrow M6_{+37}(\downarrow m3_{-37})$

$14075 = 5^{2}\bullet 563^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow M2_{-36}(\downarrow m7_{+36})^{1}} = (1) + \uparrow M6_{+37}(\downarrow m3_{-37})$

$14076 = 2^{2}\bullet 3^{2}\bullet 17^{1}\bullet 23^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1}} = (1) + \uparrow M6_{+37}(\downarrow m3_{-37})$

$14077 = 7^{1}\bullet 2011^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow 8ve_{-32}(\downarrow uni_{+32})^{1}} = (1) + \uparrow M6_{+37}(\downarrow m3_{-37})$

$14078 = 2^{1}\bullet 7039^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M6_{+37}(\downarrow m3_{-37})^{1}} = (1) + \uparrow M6_{+37}(\downarrow m3_{-37})$

$14079 = 3^{1}\bullet 13^{1}\bullet 19^{2} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{2}} = (1) + \uparrow M6_{+38}(\downarrow m3_{-38})$

$14080 = 2^{8}\bullet 5^{1}\bullet 11^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{8} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1}} = (1) + \uparrow M6_{+38}(\downarrow m3_{-38})$

$14081 = 14081^{1} = \mathbf{(1) + \uparrow M6_{+38}(\downarrow m3_{-38})}$

$14082 = 2^{1}\bullet 3^{1}\bullet 2347^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M2_{+36}(\downarrow m7_{-36})^{1}} = (1) + \uparrow M6_{+38}(\downarrow m3_{-38})$

$14083 = 14083^{1} = \mathbf{(1) + \uparrow M6_{+38}(\downarrow m3_{-38})}$

$14084 = 2^{2}\bullet 7^{1}\bullet 503^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow 8ve_{-31}(\downarrow uni_{+31})^{1}} = (1) + \uparrow M6_{+38}(\downarrow m3_{-38})$

$14085 = 3^{2}\bullet 5^{1}\bullet 313^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m3_{+48}(\downarrow M6_{-48})^{1}} = (1) + \uparrow M6_{+38}(\downarrow m3_{-38})$

$14086 = 2^{1}\bullet 7043^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M6_{+38}(\downarrow m3_{-38})^{1}} = (1) + \uparrow M6_{+38}(\downarrow m3_{-38})$

$14087 = 14087^{1} = \mathbf{(1) + \uparrow M6_{+38}(\downarrow m3_{-38})}$

$14088 = 2^{3}\bullet 3^{1}\bullet 587^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M2_{+37}(\downarrow m7_{-37})^{1}} = (1) + \uparrow M6_{+39}(\downarrow m3_{-39})$

$14089 = 73^{1}\bullet 193^{1} = \mathbf{(1) + \uparrow M2_{+28}(\downarrow m7_{-28})^{1} + \uparrow P5_{+11}(\downarrow P4_{-11})^{1}} = (1) + \uparrow M6_{+39}(\downarrow m3_{-39})$

$14090 = 2^{1}\bullet 5^{1}\bullet 1409^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{-47}(\downarrow tt_{+47})^{1}} = (1) + \uparrow M6_{+39}(\downarrow m3_{-39})$

$14091 = 3^{1}\bullet 7^{1}\bullet 11^{1}\bullet 61^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow M7_{+17}(\downarrow m2_{-17})^{1}} = (1) + \uparrow M6_{+39}(\downarrow m3_{-39})$

$14092 = 2^{2}\bullet 13^{1}\bullet 271^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m2_{-1}(\downarrow M7_{+1})^{1}} = (1) + \uparrow M6_{+39}(\downarrow m3_{-39})$

$14093 = 17^{1}\bullet 829^{1} = \mathbf{(1) + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow m6_{+34}(\downarrow M3_{-34})^{1}} = (1) + \uparrow M6_{+39}(\downarrow m3_{-39})$

$14094 = 2^{1}\bullet 3^{5}\bullet 29^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{5} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1}} = (1) + \uparrow M6_{+39}(\downarrow m3_{-39})$

$14095 = 5^{1}\bullet 2819^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{-47}(\downarrow tt_{+47})^{1}} = (1) + \uparrow M6_{+39}(\downarrow m3_{-39})$

$14096 = 2^{4}\bullet 881^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow M6_{+40}(\downarrow m3_{-40})^{1}} = (1) + \uparrow M6_{+40}(\downarrow m3_{-40})$

$14097 = 3^{1}\bullet 37^{1}\bullet 127^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m3_{-49}(\downarrow M6_{+49})^{1} + \uparrow 8ve_{-14}(\downarrow uni_{+14})^{1}} = (1) + \uparrow M6_{+40}(\downarrow m3_{-40})$

$14098 = 2^{1}\bullet 7^{1}\bullet 19^{1}\bullet 53^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow M6_{-26}(\downarrow m3_{+26})^{1}} = (1) + \uparrow M6_{+40}(\downarrow m3_{-40})$

$14099 = 23^{1}\bullet 613^{1} = \mathbf{(1) + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow m3_{+12}(\downarrow M6_{-12})^{1}} = (1) + \uparrow M6_{+40}(\downarrow m3_{-40})$

$14100 = 2^{2}\bullet 3^{1}\bullet 5^{2}\bullet 47^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow P5_{-34}(\downarrow P4_{+34})^{1}} = (1) + \uparrow M6_{+40}(\downarrow m3_{-40})$

$14101 = 59^{1}\bullet 239^{1} = \mathbf{(1) + \uparrow M7_{-41}(\downarrow m2_{+41})^{1} + \uparrow M7_{-19}(\downarrow m2_{+19})^{1}} = (1) + \uparrow M6_{+40}(\downarrow m3_{-40})$

$14102 = 2^{1}\bullet 11^{1}\bullet 641^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow M3_{-11}(\downarrow m6_{+11})^{1}} = (1) + \uparrow M6_{+40}(\downarrow m3_{-40})$

$14103 = 3^{2}\bullet 1567^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow P5_{+37}(\downarrow P4_{-37})^{1}} = (1) + \uparrow M6_{+40}(\downarrow m3_{-40})$

$14104 = 2^{3}\bullet 41^{1}\bullet 43^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow M3_{+29}(\downarrow m6_{-29})^{1} + \uparrow P4_{+12}(\downarrow P5_{-12})^{1}} = (1) + \uparrow M6_{+41}(\downarrow m3_{-41})$

$14105 = 5^{1}\bullet 7^{1}\bullet 13^{1}\bullet 31^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1}} =$

$(1) + \uparrow M6_{+41}(\downarrow m3_{-41})$

$14106 = 2^{1}\bullet 3^{1}\bullet 2351^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M2_{+39}(\downarrow m7_{-39})^{1}} = (1) + \uparrow M6_{+41}(\downarrow m3_{-41})$

$14107 = 14107^{1} = \mathbf{(1) + \uparrow M6_{+41}(\downarrow m3_{-41})}$

$14108 = 2^{2}\bullet 3527^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M6_{+41}(\downarrow m3_{-41})^{1}} = (1) + \uparrow M6_{+41}(\downarrow m3_{-41})$

$14109 = 3^{1}\bullet 4703^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M2_{+39}(\downarrow m7_{-39})^{1}} = (1) + \uparrow M6_{+41}(\downarrow m3_{-41})$

$14110 = 2^{1}\bullet 5^{1}\bullet 17^{1}\bullet 83^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow P4_{-50}(\downarrow P5_{+50})^{1}} = (1) + \uparrow M6_{+41}(\downarrow m3_{-41})$

$14111 = 103^{1}\bullet 137^{1} = \mathbf{(1) + \uparrow m6_{+24}(\downarrow M3_{-24})^{1} + \uparrow m2_{+18}(\downarrow M7_{-18})^{1}} = (1) + \uparrow M6_{+41}(\downarrow m3_{-41})$

$14112 = 2^{5}\bullet 3^{2}\bullet 7^{2} = \mathbf{(1) + \updownarrow 8ve(uni)^{5} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{2}} = (1) + \uparrow M6_{+42}(\downarrow m3_{-42})$

$14113 = 11^{1}\bullet 1283^{1} = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow M3_{-10}(\downarrow m6_{+10})^{1}} = (1) + \uparrow M6_{+42}(\downarrow m3_{-42})$

$14114 = 2^{1}\bullet 7057^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M6_{+42}(\downarrow m3_{-42})^{1}} = (1) + \uparrow M6_{+42}(\downarrow m3_{-42})$

$14115 = 3^{1}\bullet 5^{1}\bullet 941^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M7_{-46}(\downarrow m2_{+46})^{1}} = (1) + \uparrow M6_{+42}(\downarrow m3_{-42})$

$14116 = 2^{2}\bullet 3529^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M6_{+42}(\downarrow m3_{-42})^{1}} = (1) + \uparrow M6_{+42}(\downarrow m3_{-42})$

$14117 = 19^{1}\bullet 743^{1} = \mathbf{(1) + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow tt_{+45}(\downarrow tt_{-45})^{1}} = (1) + \uparrow M6_{+42}(\downarrow m3_{-42})$

$14118 = 2^{1}\bullet 3^{1}\bullet 13^{1}\bullet 181^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow tt_{+0}(\downarrow tt_{-0})^{1}} = (1) + \uparrow M6_{+42}(\downarrow m3_{-42})$

$14119 = 7^{1}\bullet 2017^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow 8ve_{-26}(\downarrow uni_{+26})^{1}} = (1) + \uparrow M6_{+42}(\downarrow m3_{-42})$

$14120 = 2^{3}\bullet 5^{1}\bullet 353^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{-44}(\downarrow tt_{+44})^{1}} = (1) + \uparrow M6_{+43}(\downarrow m3_{-43})$

$14121 = 3^{3}\bullet 523^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow uni_{+37}(\downarrow 8ve_{-37})^{1}} = (1) + \uparrow M6_{+43}(\downarrow m3_{-43})$

$14122 = 2^{1}\bullet 23^{1}\bullet 307^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow m3_{+15}(\downarrow M6_{-15})^{1}} = (1) + \uparrow M6_{+43}(\downarrow m3_{-43})$

$14123 = 29^{1}\bullet 487^{1} = \mathbf{(1) + \uparrow m7_{+30}(\downarrow M2_{-30})^{1} + \uparrow M7_{+13}(\downarrow m2_{-13})^{1}} = (1) + \uparrow M6_{+43}(\downarrow m3_{-43})$

$14124 = 2^{2}\bullet 3^{1}\bullet 11^{1}\bullet 107^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow M6_{-10}(\downarrow m3_{+10})^{1}} = (1) + \uparrow M6_{+43}(\downarrow m3_{-43})$

$14125 = 5^{3}\bullet 113^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{3} + \uparrow m7_{-16}(\downarrow M2_{+16})^{1}} = (1) + \uparrow M6_{+43}(\downarrow m3_{-43})$

$14126 = 2^{1}\bullet 7^{1}\bullet 1009^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow 8ve_{-26}(\downarrow uni_{+26})^{1}} = (1) + \uparrow M6_{+43}(\downarrow m3_{-43})$

$14127 = 3^{1}\bullet 17^{1}\bullet 277^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow m2_{+36}(\downarrow M7_{-36})^{1}} = (1) + \uparrow M6_{+43}(\downarrow m3_{-43})$

$14128 = 2^{4}\bullet 883^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow M6_{+44}(\downarrow m3_{-44})^{1}} = (1) + \uparrow M6_{+44}(\downarrow m3_{-44})$

$14129 = 71^{1}\bullet 199^{1} = \mathbf{(1) + \uparrow M2_{-20}(\downarrow m7_{+20})^{1} + \uparrow m6_{-36}(\downarrow M3_{+36})^{1}} = (1) + \uparrow M6_{+44}(\downarrow m3_{-44})$

$14130 = 2^{1}\bullet 3^{2}\bullet 5^{1}\bullet 157^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M3_{-46}(\downarrow m6_{+46})^{1}} = (1) + \uparrow M6_{+44}(\downarrow m3_{-44})$

$14131 = 13^{1}\bullet 1087^{1} = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m2_{+3}(\downarrow M7_{-3})^{1}} = (1) + \uparrow M6_{+44}(\downarrow m3_{-44})$

$14132 = 2^{2}\bullet 3533^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M6_{+44}(\downarrow m3_{-44})^{1}} = (1) + \uparrow M6_{+44}(\downarrow m3_{-44})$

$14133 = 3^{1}\bullet 7^{1}\bullet 673^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow P4_{-27}(\downarrow P5_{+27})^{1}} = (1) + \uparrow M6_{+44}(\downarrow m3_{-44})$

$14134 = 2^{1}\bullet 37^{1}\bullet 191^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m3_{-49}(\downarrow M6_{+49})^{1} + \uparrow P5_{-7}(\downarrow P4_{+7})^{1}} = (1) + \uparrow M6_{+44}(\downarrow m3_{-44})$

$14135 = 5^{1}\bullet 11^{1}\bullet 257^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow uni_{+7}(\downarrow 8ve_{-7})^{1}} = (1) + \uparrow M6_{+44}(\downarrow m3_{-44})$

$14136 = 2^{3}\bullet 3^{1}\bullet 19^{1}\bullet 31^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1}} = (1) + \uparrow M6_{+45}(\downarrow m3_{-45})$

$14137 = 67^{1}\bullet 211^{1} = \mathbf{(1) + \uparrow m2_{-21}(\downarrow M7_{+21})^{1} + \uparrow M6_{-35}(\downarrow m3_{+35})^{1}} = (1) + \uparrow M6_{+45}(\downarrow m3_{-45})$

$14138 = 2^{1}\bullet 7069^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M6_{+45}(\downarrow m3_{-45})^{1}} = (1) + \uparrow M6_{+45}(\downarrow m3_{-45})$

$14139 = 3^{2}\bullet 1571^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow P5_{+41}(\downarrow P4_{-41})^{1}} = (1) + \uparrow M6_{+45}(\downarrow m3_{-45})$

$14140 = 2^{2}\bullet 5^{1}\bullet 7^{1}\bullet 101^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m6_{-10}(\downarrow M3_{+10})^{1}} = (1) + \uparrow M6_{+45}(\downarrow m3_{-45})$

$14141 = 79^{1}\bullet 179^{1} = \mathbf{(1) + \uparrow M3_{-35}(\downarrow m6_{+35})^{1} + \uparrow tt_{-19}(\downarrow tt_{+19})^{1}} = (1) + \uparrow M6_{+45}(\downarrow m3_{-45})$

$14142 = 2^{1}\bullet 3^{1}\bullet 2357^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M2_{+43}(\downarrow m7_{-43})^{1}} = (1) + \uparrow M6_{+45}(\downarrow m3_{-45})$

$14143 = 14143^{1} = \mathbf{(1) + \uparrow M6_{+45}(\downarrow m3_{-45})}$

$14144 = 2^{6}\bullet 13^{1}\bullet 17^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{6} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1}} = (1) + \uparrow M6_{+45}(\downarrow m3_{-45})$

$14145 = 3^{1}\bullet 5^{1}\bullet 23^{1}\bullet 41^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow M3_{+29}(\downarrow m6_{-29})^{1}} = (1) + \uparrow M6_{+46}(\downarrow m3_{-46})$

$14146 = 2^{1}\bullet 11^{1}\bullet 643^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow M3_{-6}(\downarrow m6_{+6})^{1}} = (1) + \uparrow M6_{+46}(\downarrow m3_{-46})$

$14147 = 7^{1}\bullet 43^{1}\bullet 47^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow P4_{+12}(\downarrow P5_{-12})^{1} + \uparrow P5_{-34}(\downarrow P4_{+34})^{1}} = (1) + \uparrow M6_{+46}(\downarrow m3_{-46})$

$14148 = 2^{2}\bullet 3^{3}\bullet 131^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow uni_{+40}(\downarrow 8ve_{-40})^{1}} = (1) + \uparrow M6_{+46}(\downarrow m3_{-46})$

$14149 = 14149^{1} = \mathbf{(1) + \uparrow M6_{+46}(\downarrow m3_{-46})}$

$14150 = 2^{1}\bullet 5^{2}\bullet 283^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow M2_{-26}(\downarrow m7_{+26})^{1}} = (1) + \uparrow M6_{+46}(\downarrow m3_{-46})$

$14151 = 3^{1}\bullet 53^{1}\bullet 89^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M6_{-26}(\downarrow m3_{+26})^{1} + \uparrow tt_{-29}(\downarrow tt_{+29})^{1}} = (1) + \uparrow M6_{+46}(\downarrow m3_{-46})$

$14152 = 2^{3}\bullet 29^{1}\bullet 61^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1} + \uparrow M7_{+17}(\downarrow m2_{-17})^{1}} = (1) + \uparrow M6_{+46}(\downarrow m3_{-46})$

$14153 = 14153^{1} = \mathbf{(1) + \uparrow M6_{+47}(\downarrow m3_{-47})}$

$14154 = 2^{1}\bullet 3^{1}\bullet 7^{1}\bullet 337^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow P4_{-24}(\downarrow P5_{+24})^{1}} = (1) + \uparrow M6_{+47}(\downarrow m3_{-47})$

$14155 = 5^{1}\bullet 19^{1}\bullet 149^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow m3_{-37}(\downarrow M6_{+37})^{1}} = (1) + \uparrow M6_{+47}(\downarrow m3_{-47})$

$14156 = 2^{2}\bullet 3539^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M6_{+47}(\downarrow m3_{-47})^{1}} = (1) + \uparrow M6_{+47}(\downarrow m3_{-47})$

$14157 = 3^{2}\bullet 11^{2}\bullet 13^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow tt_{-49}(\downarrow tt_{+49})^{2} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1}} = (1) + \uparrow M6_{+47}(\downarrow m3_{-47})$

$14158 = 2^{1}\bullet 7079^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M6_{+47}(\downarrow m3_{-47})^{1}} = (1) + \uparrow M6_{+47}(\downarrow m3_{-47})$

$14159 = 14159^{1} = \mathbf{(1) + \uparrow M6_{+47}(\downarrow m3_{-47})}$

$14160 = 2^{4}\bullet 3^{1}\bullet 5^{1}\bullet 59^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M7_{-41}(\downarrow m2_{+41})^{1}} = (1) + \uparrow M6_{+47}(\downarrow m3_{-47})$

$14161 = 7^{2}\bullet 17^{2} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{2} + \uparrow m2_{+5}(\downarrow M7_{-5})^{2}} = (1) + \uparrow M6_{+48}(\downarrow m3_{-48})$

$14162 = 2^{1}\bullet 73^{1}\bullet 97^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M2_{+28}(\downarrow m7_{-28})^{1} + \uparrow P5_{+20}(\downarrow P4_{-20})^{1}} = (1) + \uparrow M6_{+48}(\downarrow m3_{-48})$

$14163 = 3^{1}\bullet 4721^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M2_{+46}(\downarrow m7_{-46})^{1}} = (1) + \uparrow M6_{+48}(\downarrow m3_{-48})$

$14164 = 2^{2}\bullet 3541^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M6_{+48}(\downarrow m3_{-48})^{1}} = (1) + \uparrow M6_{+48}(\downarrow m3_{-48})$

$14165 = 5^{1}\bullet 2833^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{-38}(\downarrow tt_{+38})^{1}} = (1) + \uparrow M6_{+48}(\downarrow m3_{-48})$

$14166 = 2^{1}\bullet 3^{2}\bullet 787^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow P5_{+44}(\downarrow P4_{-44})^{1}} = (1) + \uparrow M6_{+48}(\downarrow m3_{-48})$

$14167 = 31^{1}\bullet 457^{1} = \mathbf{(1) + \uparrow M7_{+45}(\downarrow m2_{-45})^{1} + \uparrow m7_{+3}(\downarrow M2_{-3})^{1}} = (1) + \uparrow M6_{+48}(\downarrow m3_{-48})$

$14168 = 2^{3}\bullet 7^{1}\bullet 11^{1}\bullet 23^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1}} = (1) + \uparrow M6_{+48}(\downarrow m3_{-48})$

$14169 = 3^{1}\bullet 4723^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M2_{+47}(\downarrow m7_{-47})^{1}} = (1) + \uparrow M6_{+49}(\downarrow m3_{-49})$

$14170 = 2^{1}\bullet 5^{1}\bullet 13^{1}\bullet 109^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow M6_{+22}(\downarrow m3_{-22})^{1}} = (1) + \uparrow M6_{+49}(\downarrow m3_{-49})$

$14171 = 37^{1}\bullet 383^{1} = \mathbf{(1) + \uparrow m3_{-49}(\downarrow M6_{+49})^{1} + \uparrow P5_{-3}(\downarrow P4_{+3})^{1}} = (1) + \uparrow M6_{+49}(\downarrow m3_{-49})$

$14172 = 2^{2}\bullet 3^{1}\bullet 1181^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M2_{+47}(\downarrow m7_{-47})^{1}} = (1) + \uparrow M6_{+49}(\downarrow m3_{-49})$

$14173 = 14173^{1} = \mathbf{(1) + \uparrow M6_{+49}(\downarrow m3_{-49})}$

$14174 = 2^{1}\bullet 19^{1}\bullet 373^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow P5_{-48}(\downarrow P4_{+48})^{1}} = (1) + \uparrow M6_{+49}(\downarrow m3_{-49})$

$14175 = 3^{4}\bullet 5^{2}\bullet 7^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{4} + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1}} = (1) + \uparrow M6_{+49}(\downarrow m3_{-49})$

$14176 = 2^{5}\bullet 443^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{5} + \uparrow M6_{+49}(\downarrow m3_{-49})^{1}} = (1) + \uparrow M6_{+49}(\downarrow m3_{-49})$

$14177 = 14177^{1} = \mathbf{(1) + \uparrow M6_{+50}(\downarrow m3_{-50})}$

$14178 = 2^{1}\bullet 3^{1}\bullet 17^{1}\bullet 139^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow m2_{+43}(\downarrow M7_{-43})^{1}} = (1) + \uparrow M6_{+50}(\downarrow m3_{-50})$

$14179 = 11^{1}\bullet 1289^{1} = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow M3_{-2}(\downarrow m6_{+2})^{1}} = (1) + \uparrow M6_{+50}(\downarrow m3_{-50})$

$14180 = 2^{2}\bullet 5^{1}\bullet 709^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{-36}(\downarrow tt_{+36})^{1}} = (1) + \uparrow M6_{+50}(\downarrow m3_{-50})$

$14181 = 3^{1}\bullet 29^{1}\bullet 163^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1} + \uparrow M3_{+18}(\downarrow m6_{-18})^{1}} = (1) + \uparrow m7_{-50}(\downarrow M2_{+50})$

$14182 = 2^{1}\bullet 7^{1}\bullet 1013^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow 8ve_{-19}(\downarrow uni_{+19})^{1}} = (1) + \uparrow m7_{-50}(\downarrow M2_{+50})$

$14183 = 13^{1}\bullet 1091^{1} = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m2_{+10}(\downarrow M7_{-10})^{1}} = (1) + \uparrow m7_{-50}(\downarrow M2_{+50})$

$14184 = 2^{3}\bullet 3^{2}\bullet 197^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow P5_{+46}(\downarrow P4_{-46})^{1}} = (1) + \uparrow m7_{-50}(\downarrow M2_{+50})$

$14185 = 5^{1}\bullet 2837^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{-36}(\downarrow tt_{+36})^{1}} = (1) + \uparrow m7_{-50}(\downarrow M2_{+50})$

$14186 = 2^{1}\bullet 41^{1}\bullet 173^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{+29}(\downarrow m6_{-29})^{1} + \uparrow P4_{+22}(\downarrow P5_{-22})^{1}} = (1) + \uparrow m7_{-49}(\downarrow M2_{+49})$

$14187 = 3^{1}\bullet 4729^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M2_{+49}(\downarrow m7_{-49})^{1}} = (1) + \uparrow m7_{-49}(\downarrow M2_{+49})$

$14188 = 2^{2}\bullet 3547^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m7_{-49}(\downarrow M2_{+49})^{1}} = (1) + \uparrow m7_{-49}(\downarrow M2_{+49})$

$14189 = 7^{1}\bullet 2027^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow 8ve_{-18}(\downarrow uni_{+18})^{1}} = (1) + \uparrow m7_{-49}(\downarrow M2_{+49})$

$14190 = 2^{1}\bullet 3^{1}\bullet 5^{1}\bullet 11^{1}\bullet 43^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow P4_{+12}(\downarrow P5_{-12})^{1}} =$
$(1) + \uparrow m7_{-49}(\downarrow M2_{+49})$

$14191 = 23^{1}\bullet 617^{1} = \mathbf{(1) + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow m3_{+23}(\downarrow M6_{-23})^{1}} = (1) + \uparrow m7_{-49}(\downarrow M2_{+49})$

$14192 = 2^{4}\bullet 887^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow m7_{-49}(\downarrow M2_{+49})^{1}} = (1) + \uparrow m7_{-49}(\downarrow M2_{+49})$

$14193 = 3^{2}\bullet 19^{1}\bullet 83^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow P4_{-50}(\downarrow P5_{+50})^{1}} = (1) + \uparrow m7_{-49}(\downarrow M2_{+49})$

$14194 = 2^{1}\bullet 47^{1}\bullet 151^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{-34}(\downarrow P4_{+34})^{1} + \uparrow m3_{-14}(\downarrow M6_{+14})^{1}} = (1) + \uparrow m7_{-48}(\downarrow M2_{+48})$

$14195 = 5^{1}\bullet 17^{1}\bullet 167^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow P4_{-40}(\downarrow P5_{+40})^{1}} = (1) + \uparrow m7_{-48}(\downarrow M2_{+48})$

$14196 = 2^{2}\bullet 3^{1}\bullet 7^{1}\bullet 13^{2} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{2}} = (1) + \uparrow m7_{-48}(\downarrow M2_{+48})$

$14197 = 14197^{1} = \mathbf{(1) + \uparrow m7_{-48}(\downarrow M2_{+48})}$

$14198 = 2^{1}\bullet 31^{1}\bullet 229^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1} + \uparrow m7_{+7}(\downarrow M2_{-7})^{1}} = (1) + \uparrow m7_{-48}(\downarrow M2_{+48})$

$14199 = 3^{1}\bullet 4733^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m3_{-50}(\downarrow M6_{+50})^{1}} = (1) + \uparrow m7_{-48}(\downarrow M2_{+48})$

$14200 = 2^{3}\bullet 5^{2}\bullet 71^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow M2_{-20}(\downarrow m7_{+20})^{1}} = (1) + \uparrow m7_{-48}(\downarrow M2_{+48})$

$14201 = 11^{1}\bullet 1291^{1} = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow M3_{+1}(\downarrow m6_{-1})^{1}} = (1) + \uparrow m7_{-48}(\downarrow M2_{+48})$

$14202 = 2^{1}\bullet 3^{3}\bullet 263^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow uni_{+47}(\downarrow 8ve_{-47})^{1}} = (1) + \uparrow m7_{-47}(\downarrow M2_{+47})$

$14203 = 7^{1}\bullet 2029^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow 8ve_{-16}(\downarrow uni_{+16})^{1}} = (1) + \uparrow m7_{-47}(\downarrow M2_{+47})$

$14204 = 2^{2}\bullet 53^{1}\bullet 67^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M6_{-26}(\downarrow m3_{+26})^{1} + \uparrow m2_{-21}(\downarrow M7_{+21})^{1}} = (1) + \uparrow m7_{-47}(\downarrow M2_{+47})$

$14205 = 3^{1}\bullet 5^{1}\bullet 947^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M7_{-35}(\downarrow m2_{+35})^{1}} = (1) + \uparrow m7_{-47}(\downarrow M2_{+47})$

$14206 = 2^{1}\bullet 7103^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-47}(\downarrow M2_{+47})^{1}} = (1) + \uparrow m7_{-47}(\downarrow M2_{+47})$

$14207 = 14207^{1} = \mathbf{(1) + \uparrow m7_{-47}(\downarrow M2_{+47})}$

$14208 = 2^{7}\bullet 3^{1}\bullet 37^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{7} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m3_{-49}(\downarrow M6_{+49})^{1}} = (1) + \uparrow m7_{-47}(\downarrow M2_{+47})$

$14209 = 13^{1}\bullet 1093^{1} = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m2_{+13}(\downarrow M7_{-13})^{1}} = (1) + \uparrow m7_{-47}(\downarrow M2_{+47})$

$14210 = 2^{1}\bullet 5^{1}\bullet 7^{2}\bullet 29^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{2} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1}} = (1) + \uparrow m7_{-46}(\downarrow M2_{+46})$

$14211 = 3^{2}\bullet 1579^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow P5_{+50}(\downarrow P4_{-50})^{1}} = (1) + \uparrow m7_{-46}(\downarrow M2_{+46})$

$14212 = 2^{2}\bullet 11^{1}\bullet 17^{1}\bullet 19^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1}} = (1) + \uparrow m7_{-46}(\downarrow M2_{+46})$

$14213 = 61^{1}\bullet 233^{1} = \mathbf{(1) + \uparrow M7_{+17}(\downarrow m2_{-17})^{1} + \uparrow m7_{+37}(\downarrow M2_{-37})^{1}} = (1) + \uparrow m7_{-46}(\downarrow M2_{+46})$

$14214 = 2^{1}\bullet 3^{1}\bullet 23^{1}\bullet 103^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow m6_{+24}(\downarrow M3_{-24})^{1}} = (1) + \uparrow m7_{-46}(\downarrow M2_{+46})$

$14215 = 5^{1}\bullet 2843^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{-32}(\downarrow tt_{+32})^{1}} = (1) + \uparrow m7_{-46}(\downarrow M2_{+46})$

$14216 = 2^{3}\bullet 1777^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow m7_{-46}(\downarrow M2_{+46})^{1}} = (1) + \uparrow m7_{-46}(\downarrow M2_{+46})$

$14217 = 3^{1}\bullet 7^{1}\bullet 677^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow P4_{-16}(\downarrow P5_{+16})^{1}} = (1) + \uparrow m7_{-46}(\downarrow M2_{+46})$

$14218 = 2^{1}\bullet 7109^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-45}(\downarrow M2_{+45})^{1}} = (1) + \uparrow m7_{-45}(\downarrow M2_{+45})$

$14219 = 59^{1}\bullet 241^{1} = \mathbf{(1) + \uparrow M7_{-41}(\downarrow m2_{+41})^{1} + \uparrow M7_{-5}(\downarrow m2_{+5})^{1}} = (1) + \uparrow m7_{-45}(\downarrow M2_{+45})$

$14220 = 2^{2}\bullet 3^{2}\bullet 5^{1}\bullet 79^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M3_{-35}(\downarrow m6_{+35})^{1}} = (1) + \uparrow m7_{-45}(\downarrow M2_{+45})$

$14221 = 14221^{1} = \mathbf{(1) + \uparrow m7_{-45}(\downarrow M2_{+45})}$

$14222 = 2^{1}\bullet 13^{1}\bullet 547^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m2_{+14}(\downarrow M7_{-14})^{1}} = (1) + \uparrow m7_{-45}(\downarrow M2_{+45})$

$14223 = 3^{1}\bullet 11^{1}\bullet 431^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow M6_{+2}(\downarrow m3_{-2})^{1}} = (1) + \uparrow m7_{-45}(\downarrow M2_{+45})$

$14224 = 2^{4}\bullet 7^{1}\bullet 127^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow 8ve_{-14}(\downarrow uni_{+14})^{1}} = (1) + \uparrow m7_{-45}(\downarrow M2_{+45})$

$14225 = 5^{2}\bullet 569^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow M2_{-17}(\downarrow m7_{+17})^{1}} = (1) + \uparrow m7_{-45}(\downarrow M2_{+45})$

$14226 = 2^{1}\bullet 3^{1}\bullet 2371^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m3_{-46}(\downarrow M6_{+46})^{1}} = (1) + \uparrow m7_{-45}(\downarrow M2_{+45})$

$14227 = 41^{1}\bullet 347^{1} = \mathbf{(1) + \uparrow M3_{+29}(\downarrow m6_{-29})^{1} + \uparrow P4_{+27}(\downarrow P5_{-27})^{1}} = (1) + \uparrow m7_{-44}(\downarrow M2_{+44})$

$14228 = 2^{2}\bullet 3557^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m7_{-44}(\downarrow M2_{+44})^{1}} = (1) + \uparrow m7_{-44}(\downarrow M2_{+44})$

$14229 = 3^{3}\bullet 17^{1}\bullet 31^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1}} = (1) + \uparrow m7_{-44}(\downarrow M2_{+44})$

$14230 = 2^{1}\bullet 5^{1}\bullet 1423^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{-30}(\downarrow tt_{+30})^{1}} = (1) + \uparrow m7_{-44}(\downarrow M2_{+44})$

$14231 = 7^{1}\bullet 19^{1}\bullet 107^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow M6_{-10}(\downarrow m3_{+10})^{1}} = (1) + \uparrow m7_{-44}(\downarrow M2_{+44})$

$14232 = 2^{3}\bullet 3^{1}\bullet 593^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m3_{-46}(\downarrow M6_{+46})^{1}} = (1) + \uparrow m7_{-44}(\downarrow M2_{+44})$

$14233 = 43^{1}\bullet 331^{1} = \mathbf{(1) + \uparrow P4_{+12}(\downarrow P5_{-12})^{1} + \uparrow M3_{+45}(\downarrow m6_{-45})^{1}} = (1) + \uparrow m7_{-44}(\downarrow M2_{+44})$

$14234 = 2^{1}\bullet 11^{1}\bullet 647^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow M3_{+5}(\downarrow m6_{-5})^{1}} = (1) + \uparrow m7_{-44}(\downarrow M2_{+44})$

$14235 = 3^{1}\bullet 5^{1}\bullet 13^{1}\bullet 73^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow M2_{+28}(\downarrow m7_{-28})^{1}} =$

$(1) + \uparrow m7_{-43}(\downarrow M2_{+43})$

$14236 = 2^{2}\bullet 3559^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m7_{-43}(\downarrow M2_{+43})^{1}} = (1) + \uparrow m7_{-43}(\downarrow M2_{+43})$

$14237 = 23^{1}\bullet 619^{1} = \mathbf{(1) + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow m3_{+29}(\downarrow M6_{-29})^{1}} = (1) + \uparrow m7_{-43}(\downarrow M2_{+43})$

$14238 = 2^{1}\bullet 3^{2}\bullet 7^{1}\bullet 113^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m7_{-16}(\downarrow M2_{+16})^{1}} = (1) + \uparrow m7_{-43}(\downarrow M2_{+43})$

$14239 = 29^{1}\bullet 491^{1} = \mathbf{(1) + \uparrow m7_{+30}(\downarrow M2_{-30})^{1} + \uparrow M7_{+27}(\downarrow m2_{-27})^{1}} = (1) + \uparrow m7_{-43}(\downarrow M2_{+43})$

$14240 = 2^5 \bullet 5^1 \bullet 89^1 = \mathbf{(1) + \updownarrow 8ve(uni)^5 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{-29}(\downarrow tt_{+29})^1} = (1) + \uparrow m7_{-43}(\downarrow M2_{+43})$

$14241 = 3^1 \bullet 47^1 \bullet 101^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow P5_{-34}(\downarrow P4_{+34})^1 + \uparrow m6_{-10}(\downarrow M3_{+10})^1} = (1) + \uparrow m7_{-43}(\downarrow M2_{+43})$

$14242 = 2^1 \bullet 7121^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-43}(\downarrow M2_{+43})^1} = (1) + \uparrow m7_{-43}(\downarrow M2_{+43})$

$14243 = 14243^1 = \mathbf{(1) + \uparrow m7_{-42}(\downarrow M2_{+42})}$

$14244 = 2^2 \bullet 3^1 \bullet 1187^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m3_{-44}(\downarrow M6_{+44})^1} = (1) + \uparrow m7_{-42}(\downarrow M2_{+42})$

$14245 = 5^1 \bullet 7^1 \bullet 11^1 \bullet 37^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m3_{-49}(\downarrow M6_{+49})^1} =$

$(1) + \uparrow m7_{-42}(\downarrow M2_{+42})$

$14246 = 2^1 \bullet 17^1 \bullet 419^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow M6_{-47}(\downarrow m3_{+47})^1} = (1) + \uparrow m7_{-42}(\downarrow M2_{+42})$

$14247 = 3^2 \bullet 1583^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m6_{-46}(\downarrow M3_{+46})^1} = (1) + \uparrow m7_{-42}(\downarrow M2_{+42})$

$14248 = 2^3 \bullet 13^1 \bullet 137^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow m2_{+18}(\downarrow M7_{-18})^1} = (1) + \uparrow m7_{-42}(\downarrow M2_{+42})$

$14249 = 14249^1 = \mathbf{(1) + \uparrow m7_{-42}(\downarrow M2_{+42})}$

$14250 = 2^1 \bullet 3^1 \bullet 5^3 \bullet 19^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^3 + \uparrow m3_{-2}(\downarrow M6_{+2})^1} = (1) + \uparrow m7_{-42}(\downarrow M2_{+42})$

$14251 = 14251^1 = \mathbf{(1) + \uparrow m7_{-41}(\downarrow M2_{+41})}$

$14252 = 2^2 \bullet 7^1 \bullet 509^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow 8ve_{-10}(\downarrow uni_{+10})^1} = (1) + \uparrow m7_{-41}(\downarrow M2_{+41})$

$14253 = 3^1 \bullet 4751^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m3_{-43}(\downarrow M6_{+43})^1} = (1) + \uparrow m7_{-41}(\downarrow M2_{+41})$

$14254 = 2^1 \bullet 7127^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-41}(\downarrow M2_{+41})^1} = (1) + \uparrow m7_{-41}(\downarrow M2_{+41})$

$14255 = 5^1 \bullet 2851^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{-27}(\downarrow tt_{+27})^1} = (1) + \uparrow m7_{-41}(\downarrow M2_{+41})$

$14256 = 2^4 \bullet 3^4 \bullet 11^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow P5_{+2}(\downarrow P4_{-2})^4 + \uparrow tt_{-49}(\downarrow tt_{+49})^1} = (1) + \uparrow m7_{-41}(\downarrow M2_{+41})$

$14257 = 53^1 \bullet 269^1 = \mathbf{(1) + \uparrow M6_{-26}(\downarrow m3_{+26})^1 + \uparrow m2_{-14}(\downarrow M7_{+14})^1} = (1) + \uparrow m7_{-41}(\downarrow M2_{+41})$

$14258 = 2^1 \bullet 7129^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-41}(\downarrow M2_{+41})^1} = (1) + \uparrow m7_{-41}(\downarrow M2_{+41})$

$14259 = 3^1 \bullet 7^2 \bullet 97^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^2 + \uparrow P5_{+20}(\downarrow P4_{-20})^1} = (1) + \uparrow m7_{-40}(\downarrow M2_{+40})$

$14260 = 2^2 \bullet 5^1 \bullet 23^1 \bullet 31^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow M7_{+45}(\downarrow m2_{-45})^1} = (1) + \uparrow m7_{-40}(\downarrow M2_{+40})$

$14261 = 13^1 \bullet 1097^1 = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow m2_{+19}(\downarrow M7_{-19})^1} = (1) + \uparrow m7_{-40}(\downarrow M2_{+40})$

$14262 = 2^1 \bullet 3^1 \bullet 2377^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m3_{-42}(\downarrow M6_{+42})^1} = (1) + \uparrow m7_{-40}(\downarrow M2_{+40})$

$14263 = 17^1 \bullet 839^1 = \mathbf{(1) + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow M6_{-45}(\downarrow m3_{+45})^1} = (1) + \uparrow m7_{-40}(\downarrow M2_{+40})$

$14264 = 2^3 \bullet 1783^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow m7_{-40}(\downarrow M2_{+40})^1} = (1) + \uparrow m7_{-40}(\downarrow M2_{+40})$

$14265 = 3^2 \bullet 5^1 \bullet 317^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M3_{-30}(\downarrow m6_{+30})^1} = (1) + \uparrow m7_{-40}(\downarrow M2_{+40})$

$14266 = 2^1 \bullet 7^1 \bullet 1019^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow 8ve_{-8}(\downarrow uni_{+8})^1} = (1) + \uparrow m7_{-40}(\downarrow M2_{+40})$

$14267 = 11^1 \bullet 1297^1 = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow M3_{+9}(\downarrow m6_{-9})^1} = (1) + \uparrow m7_{-40}(\downarrow M2_{+40})$

$14268 = 2^2 \bullet 3^1 \bullet 29^1 \bullet 41^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1 + \uparrow M3_{+29}(\downarrow m6_{-29})^1} = (1) + \uparrow m7_{-39}(\downarrow M2_{+39})$

$14269 = 19^1 \bullet 751^1 = \mathbf{(1) + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow P5_{-37}(\downarrow P4_{+37})^1} = (1) + \uparrow m7_{-39}(\downarrow M2_{+39})$

$14270 = 2^1 \bullet 5^1 \bullet 1427^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{-25}(\downarrow tt_{+25})^1} = (1) + \uparrow m7_{-39}(\downarrow M2_{+39})$

$14271 = 3^1 \bullet 67^1 \bullet 71^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m2_{-21}(\downarrow M7_{+21})^1 + \uparrow M2_{-20}(\downarrow m7_{+20})^1} = (1) + \uparrow m7_{-39}(\downarrow M2_{+39})$

$14272 = 2^6 \bullet 223^1 = \mathbf{(1) + \updownarrow 8ve(uni)^6 + \uparrow m7_{-39}(\downarrow M2_{+39})^1} = (1) + \uparrow m7_{-39}(\downarrow M2_{+39})$

$14273 = 7^1 \bullet 2039^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow 8ve_{-8}(\downarrow uni_{+8})^1} = (1) + \uparrow m7_{-39}(\downarrow M2_{+39})$

$14274 = 2^1 \bullet 3^2 \bullet 13^1 \bullet 61^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow M7_{+17}(\downarrow m2_{-17})^1} = (1) + \uparrow m7_{-39}(\downarrow M2_{+39})$

$14275 = 5^2 \bullet 571^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow M2_{-11}(\downarrow m7_{+11})^1} = (1) + \uparrow m7_{-39}(\downarrow M2_{+39})$

$14276 = 2^2 \bullet 43^1 \bullet 83^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P4_{+12}(\downarrow P5_{-12})^1 + \uparrow P4_{-50}(\downarrow P5_{+50})^1} = (1) + \uparrow m7_{-38}(\downarrow M2_{+38})$

$14277 = 3^1 \bullet 4759^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m3_{-40}(\downarrow M6_{+40})^1} = (1) + \uparrow m7_{-38}(\downarrow M2_{+38})$

$14278 = 2^1 \bullet 11^2 \bullet 59^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^2 + \uparrow M7_{-41}(\downarrow m2_{+41})^1} = (1) + \uparrow m7_{-38}(\downarrow M2_{+38})$

$14279 = 109^1 \bullet 131^1 = \mathbf{(1) + \uparrow M6_{+22}(\downarrow m3_{-22})^1 + \uparrow uni_{+40}(\downarrow 8ve_{-40})^1} = (1) + \uparrow m7_{-38}(\downarrow M2_{+38})$

$14280 = 2^3 \bullet 3^1 \bullet 5^1 \bullet 7^1 \bullet 17^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1} =$

$(1) + \uparrow m7_{-38}(\downarrow M2_{+38})$

$14281 = 14281^{1} = \mathbf{(1) + \uparrow m7_{-38}(\downarrow M2_{+38})}$

$14282 = 2^{1}\bullet 37^{1}\bullet 193^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m3_{-49}(\downarrow M6_{+49})^{1} + \uparrow P5_{+11}(\downarrow P4_{-11})^{1}} = (1) + \uparrow m7_{-38}(\downarrow M2_{+38})$

$14283 = 3^{3}\bullet 23^{2} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow tt_{+28}(\downarrow tt_{-28})^{2}} = (1) + \uparrow m7_{-38}(\downarrow M2_{+38})$

$14284 = 2^{2}\bullet 3571^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m7_{-37}(\downarrow M2_{+37})^{1}} = (1) + \uparrow m7_{-37}(\downarrow M2_{+37})$

$14285 = 5^{1}\bullet 2857^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{-24}(\downarrow tt_{+24})^{1}} = (1) + \uparrow m7_{-37}(\downarrow M2_{+37})$

$14286 = 2^{1}\bullet 3^{1}\bullet 2381^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m3_{-39}(\downarrow M6_{+39})^{1}} = (1) + \uparrow m7_{-37}(\downarrow M2_{+37})$

$14287 = 7^{1}\bullet 13^{1}\bullet 157^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow M3_{-46}(\downarrow m6_{+46})^{1}} = (1) + \uparrow m7_{-37}(\downarrow M2_{+37})$

$14288 = 2^{4}\bullet 19^{1}\bullet 47^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow P5_{-34}(\downarrow P4_{+34})^{1}} = (1) + \uparrow m7_{-37}(\downarrow M2_{+37})$

$14289 = 3^{1}\bullet 11^{1}\bullet 433^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow M6_{+10}(\downarrow m3_{-10})^{1}} = (1) + \uparrow m7_{-37}(\downarrow M2_{+37})$

$14290 = 2^{1}\bullet 5^{1}\bullet 1429^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{-23}(\downarrow tt_{+23})^{1}} = (1) + \uparrow m7_{-37}(\downarrow M2_{+37})$

$14291 = 31^{1}\bullet 461^{1} = \mathbf{(1) + \uparrow M7_{+45}(\downarrow m2_{-45})^{1} + \uparrow m7_{+18}(\downarrow M2_{-18})^{1}} = (1) + \uparrow m7_{-37}(\downarrow M2_{+37})$

$14292 = 2^{2}\bullet 3^{2}\bullet 397^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m6_{-40}(\downarrow M3_{+40})^{1}} = (1) + \uparrow m7_{-36}(\downarrow M2_{+36})$

$14293 = 14293^{1} = \mathbf{(1) + \uparrow m7_{-36}(\downarrow M2_{+36})}$

$14294 = 2^{1}\bullet 7^{1}\bullet 1021^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow 8ve_{-5}(\downarrow uni_{+5})^{1}} = (1) + \uparrow m7_{-36}(\downarrow M2_{+36})$

$14295 = 3^{1}\bullet 5^{1}\bullet 953^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M7_{-24}(\downarrow m2_{+24})^{1}} = (1) + \uparrow m7_{-36}(\downarrow M2_{+36})$

$14296 = 2^{3}\bullet 1787^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow m7_{-36}(\downarrow M2_{+36})^{1}} = (1) + \uparrow m7_{-36}(\downarrow M2_{+36})$

$14297 = 17^{1}\bullet 29^{2} = \mathbf{(1) + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow m7_{+30}(\downarrow M2_{-30})^{2}} = (1) + \uparrow m7_{-36}(\downarrow M2_{+36})$

$14298 = 2^{1}\bullet 3^{1}\bullet 2383^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m3_{-38}(\downarrow M6_{+38})^{1}} = (1) + \uparrow m7_{-36}(\downarrow M2_{+36})$

$14299 = 79^{1}\bullet 181^{1} = \mathbf{(1) + \uparrow M3_{-35}(\downarrow m6_{+35})^{1} + \uparrow tt_{+0}(\downarrow tt_{-0})^{1}} = (1) + \uparrow m7_{-36}(\downarrow M2_{+36})$

$14300 = 2^{2}\bullet 5^{2}\bullet 11^{1}\bullet 13^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1}} = (1) + \uparrow m7_{-36}(\downarrow M2_{+36})$

$14301 = 3^{2}\bullet 7^{1}\bullet 227^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m7_{-8}(\downarrow M2_{+8})^{1}} = (1) + \uparrow m7_{-35}(\downarrow M2_{+35})$

$14302 = 2^{1}\bullet 7151^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-35}(\downarrow M2_{+35})^{1}} = (1) + \uparrow m7_{-35}(\downarrow M2_{+35})$

$14303 = 14303^{1} = \mathbf{(1) + \uparrow m7_{-35}(\downarrow M2_{+35})}$

$14304 = 2^{5}\bullet 3^{1}\bullet 149^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{5} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m3_{-37}(\downarrow M6_{+37})^{1}} = (1) + \uparrow m7_{-35}(\downarrow M2_{+35})$

$14305 = 5^{1}\bullet 2861^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{-21}(\downarrow tt_{+21})^{1}} = (1) + \uparrow m7_{-35}(\downarrow M2_{+35})$

$14306 = 2^{1}\bullet 23^{1}\bullet 311^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow m3_{+37}(\downarrow M6_{-37})^{1}} = (1) + \uparrow m7_{-35}(\downarrow M2_{+35})$

$14307 = 3^{1}\bullet 19^{1}\bullet 251^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow 8ve_{-34}(\downarrow uni_{+34})^{1}} = (1) + \uparrow m7_{-35}(\downarrow M2_{+35})$

$14308 = 2^{2}\bullet 7^{2}\bullet 73^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{2} + \uparrow M2_{+28}(\downarrow m7_{-28})^{1}} = (1) + \uparrow m7_{-35}(\downarrow M2_{+35})$

$14309 = 41^{1}\bullet 349^{1} = \mathbf{(1) + \uparrow M3_{+29}(\downarrow m6_{-29})^{1} + \uparrow P4_{+36}(\downarrow P5_{-36})^{1}} = (1) + \uparrow m7_{-34}(\downarrow M2_{+34})$

$14310 = 2^{1}\bullet 3^{3}\bullet 5^{1}\bullet 53^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M6_{-26}(\downarrow m3_{+26})^{1}} = (1) + \uparrow m7_{-34}(\downarrow M2_{+34})$

$14311 = 11^{1}\bullet 1301^{1} = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow M3_{+14}(\downarrow m6_{-14})^{1}} = (1) + \uparrow m7_{-34}(\downarrow M2_{+34})$

$14312 = 2^{3}\bullet 1789^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow m7_{-34}(\downarrow M2_{+34})^{1}} = (1) + \uparrow m7_{-34}(\downarrow M2_{+34})$

$14313 = 3^{1}\bullet 13^{1}\bullet 367^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow tt_{+24}(\downarrow tt_{-24})^{1}} = (1) + \uparrow m7_{-34}(\downarrow M2_{+34})$

$14314 = 2^{1}\bullet 17^{1}\bullet 421^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow M6_{-39}(\downarrow m3_{+39})^{1}} = (1) + \uparrow m7_{-34}(\downarrow M2_{+34})$

$14315 = 5^{1}\bullet 7^{1}\bullet 409^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m6_{+11}(\downarrow M3_{-11})^{1}} = (1) + \uparrow m7_{-34}(\downarrow M2_{+34})$

$14316 = 2^{2}\bullet 3^{1}\bullet 1193^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m3_{-36}(\downarrow M6_{+36})^{1}} = (1) + \uparrow m7_{-34}(\downarrow M2_{+34})$

$14317 = 103^{1}\bullet 139^{1} = \mathbf{(1) + \uparrow m6_{+24}(\downarrow M3_{-24})^{1} + \uparrow m2_{+43}(\downarrow M7_{-43})^{1}} = (1) + \uparrow m7_{-33}(\downarrow M2_{+33})$

$14318 = 2^{1}\bullet 7159^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-33}(\downarrow M2_{+33})^{1}} = (1) + \uparrow m7_{-33}(\downarrow M2_{+33})$

$14319 = 3^{2}\bullet 37^{1}\bullet 43^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m3_{-49}(\downarrow M6_{+49})^{1} + \uparrow P4_{+12}(\downarrow P5_{-12})^{1}} = (1) + \uparrow m7_{-33}(\downarrow M2_{+33})$

$14320 = 2^{4}\bullet 5^{1}\bullet 179^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{-19}(\downarrow tt_{+19})^{1}} = (1) + \uparrow m7_{-33}(\downarrow M2_{+33})$

$14321 = 14321^{1} = \mathbf{(1) + \uparrow m7_{-33}(\downarrow M2_{+33})}$

$14322 = 2^1 \bullet 3^1 \bullet 7^1 \bullet 11^1 \bullet 31^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow M7_{+45}(\downarrow m2_{-45})^1} =$

$(1) + \uparrow m7_{-33}(\downarrow M2_{+33})$

$14323 = 14323^1 = \mathbf{(1) + \uparrow m7_{-33}(\downarrow M2_{+33})}$

$14324 = 2^2 \bullet 3581^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m7_{-33}(\downarrow M2_{+33})^1} = (1) + \uparrow m7_{-33}(\downarrow M2_{+33})$

$14325 = 3^1 \bullet 5^2 \bullet 191^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow P5_{-7}(\downarrow P4_{+7})^1} = (1) + \uparrow m7_{-33}(\downarrow M2_{+33})$

$14326 = 2^1 \bullet 13^1 \bullet 19^1 \bullet 29^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1} = (1) + \uparrow m7_{-32}(\downarrow M2_{+32})$

$14327 = 14327^1 = \mathbf{(1) + \uparrow m7_{-32}(\downarrow M2_{+32})}$

$14328 = 2^3 \bullet 3^2 \bullet 199^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m6_{-36}(\downarrow M3_{+36})^1} = (1) + \uparrow m7_{-32}(\downarrow M2_{+32})$

$14329 = 7^1 \bullet 23^1 \bullet 89^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow tt_{-29}(\downarrow tt_{+29})^1} = (1) + \uparrow m7_{-32}(\downarrow M2_{+32})$

$14330 = 2^1 \bullet 5^1 \bullet 1433^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{-18}(\downarrow tt_{+18})^1} = (1) + \uparrow m7_{-32}(\downarrow M2_{+32})$

$14331 = 3^1 \bullet 17^1 \bullet 281^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow M2_{-39}(\downarrow m7_{+39})^1} = (1) + \uparrow m7_{-32}(\downarrow M2_{+32})$

$14332 = 2^2 \bullet 3583^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m7_{-32}(\downarrow M2_{+32})^1} = (1) + \uparrow m7_{-32}(\downarrow M2_{+32})$

$14333 = 11^1 \bullet 1303^1 = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow M3_{+17}(\downarrow m6_{-17})^1} = (1) + \uparrow m7_{-32}(\downarrow M2_{+32})$

$14334 = 2^1 \bullet 3^1 \bullet 2389^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m3_{-33}(\downarrow M6_{+33})^1} = (1) + \uparrow m7_{-31}(\downarrow M2_{+31})$

$14335 = 5^1 \bullet 47^1 \bullet 61^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow P5_{-34}(\downarrow P4_{+34})^1 + \uparrow M7_{+17}(\downarrow m2_{-17})^1} = (1) + \uparrow m7_{-31}(\downarrow M2_{+31})$

$14336 = 2^{11} \bullet 7^1 = \mathbf{(1) + \updownarrow 8ve(uni)^{11} + \uparrow m7_{-31}(\downarrow M2_{+31})^1} = (1) + \uparrow m7_{-31}(\downarrow M2_{+31})$

$14337 = 3^5 \bullet 59^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^5 + \uparrow M7_{-41}(\downarrow m2_{+41})^1} = (1) + \uparrow m7_{-31}(\downarrow M2_{+31})$

$14338 = 2^1 \bullet 67^1 \bullet 107^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m2_{-21}(\downarrow M7_{+21})^1 + \uparrow M6_{-10}(\downarrow m3_{+10})^1} = (1) + \uparrow m7_{-31}(\downarrow M2_{+31})$

$14339 = 13^1 \bullet 1103^1 = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow m2_{+29}(\downarrow M7_{-29})^1} = (1) + \uparrow m7_{-31}(\downarrow M2_{+31})$

$14340 = 2^2 \bullet 3^1 \bullet 5^1 \bullet 239^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M7_{-19}(\downarrow m2_{+19})^1} = (1) + \uparrow m7_{-31}(\downarrow M2_{+31})$

$14341 = 14341^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})}$

$14342 = 2^1 \bullet 71^1 \bullet 101^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M2_{-20}(\downarrow m7_{+20})^1 + \uparrow m6_{-10}(\downarrow M3_{+10})^1} = (1) + \uparrow m7_{-30}(\downarrow M2_{+30})$

$14343 = 3^1 \bullet 7^1 \bullet 683^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow P4_{-1}(\downarrow P5_{+1})^1} = (1) + \uparrow m7_{-30}(\downarrow M2_{+30})$

$14344 = 2^3 \bullet 11^1 \bullet 163^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow M3_{+18}(\downarrow m6_{-18})^1} = (1) + \uparrow m7_{-30}(\downarrow M2_{+30})$

$14345 = 5^1 \bullet 19^1 \bullet 151^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow m3_{-14}(\downarrow M6_{+14})^1} = (1) + \uparrow m7_{-30}(\downarrow M2_{+30})$

$14346 = 2^1 \bullet 3^2 \bullet 797^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m6_{-34}(\downarrow M3_{+34})^1} = (1) + \uparrow m7_{-30}(\downarrow M2_{+30})$

$14347 = 14347^1 = \mathbf{(1) + \uparrow m7_{-30}(\downarrow M2_{+30})}$

$14348 = 2^2 \bullet 17^1 \bullet 211^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow M6_{-35}(\downarrow m3_{+35})^1} = (1) + \uparrow m7_{-30}(\downarrow M2_{+30})$

$14349 = 3^1 \bullet 4783^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m3_{-32}(\downarrow M6_{+32})^1} = (1) + \uparrow m7_{-30}(\downarrow M2_{+30})$

$14350 = 2^1 \bullet 5^2 \bullet 7^1 \bullet 41^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M3_{+29}(\downarrow m6_{-29})^1} = (1) + \uparrow m7_{-29}(\downarrow M2_{+29})$

$14351 = 113^1 \bullet 127^1 = \mathbf{(1) + \uparrow m7_{-16}(\downarrow M2_{+16})^1 + \uparrow 8ve_{-14}(\downarrow uni_{+14})^1} = (1) + \uparrow m7_{-29}(\downarrow M2_{+29})$

$14352 = 2^4 \bullet 3^1 \bullet 13^1 \bullet 23^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1} = (1) + \uparrow m7_{-29}(\downarrow M2_{+29})$

$14353 = 31^1 \bullet 463^1 = \mathbf{(1) + \uparrow M7_{+45}(\downarrow m2_{-45})^1 + \uparrow m7_{+26}(\downarrow M2_{-26})^1} = (1) + \uparrow m7_{-29}(\downarrow M2_{+29})$

$14354 = 2^1 \bullet 7177^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-29}(\downarrow M2_{+29})^1} = (1) + \uparrow m7_{-29}(\downarrow M2_{+29})$

$14355 = 3^2 \bullet 5^1 \bullet 11^1 \bullet 29^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1} = (1) + \uparrow m7_{-29}(\downarrow M2_{+29})$

$14356 = 2^2 \bullet 37^1 \bullet 97^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m3_{-49}(\downarrow M6_{+49})^1 + \uparrow P5_{+20}(\downarrow P4_{-20})^1} = (1) + \uparrow m7_{-29}(\downarrow M2_{+29})$

$14357 = 7^2 \bullet 293^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^2 + \uparrow M2_{+34}(\downarrow m7_{-34})^1} = (1) + \uparrow m7_{-29}(\downarrow M2_{+29})$

$14358 = 2^1 \bullet 3^1 \bullet 2393^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m3_{-30}(\downarrow M6_{+30})^1} = (1) + \uparrow m7_{-29}(\downarrow M2_{+29})$

$14359 = 83^1 \bullet 173^1 = \mathbf{(1) + \uparrow P4_{-50}(\downarrow P5_{+50})^1 + \uparrow P4_{+22}(\downarrow P5_{-22})^1} = (1) + \uparrow m7_{-28}(\downarrow M2_{+28})$

$14360 = 2^3 \bullet 5^1 \bullet 359^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{-15}(\downarrow tt_{+15})^1} = (1) + \uparrow m7_{-28}(\downarrow M2_{+28})$

$14361 = 3^1 \bullet 4787^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m3_{-30}(\downarrow M6_{+30})^1} = (1) + \uparrow m7_{-28}(\downarrow M2_{+28})$

$14362 = 2^1 \bullet 43^1 \bullet 167^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P4_{+12}(\downarrow P5_{-12})^1 + \uparrow P4_{-40}(\downarrow P5_{+40})^1} = (1) + \uparrow m7_{-28}(\downarrow M2_{+28})$

$14363 = 53^1 \bullet 271^1 = \mathbf{(1) + \uparrow M6_{-26}(\downarrow m3_{+26})^1 + \uparrow m2_{-1}(\downarrow M7_{+1})^1} = (1) + \uparrow m7_{-28}(\downarrow M2_{+28})$

$14364 = 2^2 \bullet 3^3 \bullet 7^1 \bullet 19^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1} = (1) + \uparrow m7_{-28}(\downarrow M2_{+28})$

$14365 = 5^1 \bullet 13^2 \bullet 17^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^2 + \uparrow m2_{+5}(\downarrow M7_{-5})^1} = (1) + \uparrow m7_{-28}(\downarrow M2_{+28})$

$14366 = 2^1 \bullet 11^1 \bullet 653^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow M3_{+21}(\downarrow m6_{-21})^1} = (1) + \uparrow m7_{-28}(\downarrow M2_{+28})$

$14367 = 3^1 \bullet 4789^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m3_{-29}(\downarrow M6_{+29})^1} = (1) + \uparrow m7_{-27}(\downarrow M2_{+27})$

$14368 = 2^5 \bullet 449^1 = \mathbf{(1) + \updownarrow 8ve(uni)^5 + \uparrow m7_{-27}(\downarrow M2_{+27})^1} = (1) + \uparrow m7_{-27}(\downarrow M2_{+27})$

$14369 = 14369^1 = \mathbf{(1) + \uparrow m7_{-27}(\downarrow M2_{+27})}$

$14370 = 2^1 \bullet 3^1 \bullet 5^1 \bullet 479^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M7_{-15}(\downarrow m2_{+15})^1} = (1) + \uparrow m7_{-27}(\downarrow M2_{+27})$

$14371 = 7^1 \bullet 2053^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow uni_{+4}(\downarrow 8ve_{-4})^1} = (1) + \uparrow m7_{-27}(\downarrow M2_{+27})$

$14372 = 2^2 \bullet 3593^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m7_{-27}(\downarrow M2_{+27})^1} = (1) + \uparrow m7_{-27}(\downarrow M2_{+27})$

$14373 = 3^2 \bullet 1597^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m6_{-31}(\downarrow M3_{+31})^1} = (1) + \uparrow m7_{-27}(\downarrow M2_{+27})$

$14374 = 2^1 \bullet 7187^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-27}(\downarrow M2_{+27})^1} = (1) + \uparrow m7_{-27}(\downarrow M2_{+27})$

$14375 = 5^4 \bullet 23^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^4 + \uparrow tt_{+28}(\downarrow tt_{-28})^1} = (1) + \uparrow m7_{-26}(\downarrow M2_{+26})$

$14376 = 2^3 \bullet 3^1 \bullet 599^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m3_{-28}(\downarrow M6_{+28})^1} = (1) + \uparrow m7_{-26}(\downarrow M2_{+26})$

$14377 = 11^1 \bullet 1307^1 = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow M3_{+22}(\downarrow m6_{-22})^1} = (1) + \uparrow m7_{-26}(\downarrow M2_{+26})$

$14378 = 2^1 \bullet 7^1 \bullet 13^1 \bullet 79^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow M3_{-35}(\downarrow m6_{+35})^1} = (1) + \uparrow m7_{-26}(\downarrow M2_{+26})$

$14379 = 3^1 \bullet 4793^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m3_{-28}(\downarrow M6_{+28})^1} = (1) + \uparrow m7_{-26}(\downarrow M2_{+26})$

$14380 = 2^2 \bullet 5^1 \bullet 719^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{-12}(\downarrow tt_{+12})^1} = (1) + \uparrow m7_{-26}(\downarrow M2_{+26})$

$14381 = 73^1 \bullet 197^1 = \mathbf{(1) + \uparrow M2_{+28}(\downarrow m7_{-28})^1 + \uparrow P5_{+46}(\downarrow P4_{-46})^1} = (1) + \uparrow m7_{-26}(\downarrow M2_{+26})$

$14382 = 2^1 \bullet 3^2 \bullet 17^1 \bullet 47^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow P5_{-34}(\downarrow P4_{+34})^1} = (1) + \uparrow m7_{-26}(\downarrow M2_{+26})$

$14383 = 19^1 \bullet 757^1 = \mathbf{(1) + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow P5_{-23}(\downarrow P4_{+23})^1} = (1) + \uparrow m7_{-26}(\downarrow M2_{+26})$

$14384 = 2^4 \bullet 29^1 \bullet 31^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow m7_{+30}(\downarrow M2_{-30})^1 + \uparrow M7_{+45}(\downarrow m2_{-45})^1} = (1) + \uparrow m7_{-25}(\downarrow M2_{+25})$

$14385 = 3^1 \bullet 5^1 \bullet 7^1 \bullet 137^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m2_{+18}(\downarrow M7_{-18})^1} =$

$(1) + \uparrow m7_{-25}(\downarrow M2_{+25})$

$14386 = 2^1 \bullet 7193^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-25}(\downarrow M2_{+25})^1} = (1) + \uparrow m7_{-25}(\downarrow M2_{+25})$

$14387 = 14387^1 = \mathbf{(1) + \uparrow m7_{-25}(\downarrow M2_{+25})}$

$14388 = 2^2 \bullet 3^1 \bullet 11^1 \bullet 109^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow M6_{+22}(\downarrow m3_{-22})^1} = (1) + \uparrow m7_{-25}(\downarrow M2_{+25})$

$14389 = 14389^1 = \mathbf{(1) + \uparrow m7_{-25}(\downarrow M2_{+25})}$

$14390 = 2^1 \bullet 5^1 \bullet 1439^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{-11}(\downarrow tt_{+11})^1} = (1) + \uparrow m7_{-25}(\downarrow M2_{+25})$

$14391 = 3^3 \bullet 13^1 \bullet 41^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow M3_{+29}(\downarrow m6_{-29})^1} = (1) + \uparrow m7_{-25}(\downarrow M2_{+25})$

$14392 = 2^3 \bullet 7^1 \bullet 257^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow uni_{+7}(\downarrow 8ve_{-7})^1} = (1) + \uparrow m7_{-24}(\downarrow M2_{+24})$

$14393 = 37^1 \bullet 389^1 = \mathbf{(1) + \uparrow m3_{-49}(\downarrow M6_{+49})^1 + \uparrow P5_{+24}(\downarrow P4_{-24})^1} = (1) + \uparrow m7_{-24}(\downarrow M2_{+24})$

$14394 = 2^1 \bullet 3^1 \bullet 2399^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m3_{-26}(\downarrow M6_{+26})^1} = (1) + \uparrow m7_{-24}(\downarrow M2_{+24})$

$14395 = 5^1 \bullet 2879^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{-10}(\downarrow tt_{+10})^1} = (1) + \uparrow m7_{-24}(\downarrow M2_{+24})$

$14396 = 2^2 \bullet 59^1 \bullet 61^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M7_{-41}(\downarrow m2_{+41})^1 + \uparrow M7_{+17}(\downarrow m2_{-17})^1} = (1) + \uparrow m7_{-24}(\downarrow M2_{+24})$

$14397 = 3^1 \bullet 4799^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m3_{-26}(\downarrow M6_{+26})^1} = (1) + \uparrow m7_{-24}(\downarrow M2_{+24})$

$14398 = 2^1 \bullet 23^1 \bullet 313^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow m3_{+48}(\downarrow M6_{-48})^1} = (1) + \uparrow m7_{-24}(\downarrow M2_{+24})$

$14399 = 7^1 \bullet 11^2 \bullet 17^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^2 + \uparrow m2_{+5}(\downarrow M7_{-5})^1} = (1) + \uparrow m7_{-24}(\downarrow M2_{+24})$

$14400 = 2^6 \bullet 3^2 \bullet 5^2 = \mathbf{(1) + \updownarrow 8ve(uni)^6 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^2} = (1) + \uparrow m7_{-23}(\downarrow M2_{+23})$

$14401 = 14401^1 = \mathbf{(1) + \uparrow m7_{-23}(\downarrow M2_{+23})}$

$14402 = 2^1 \bullet 19^1 \bullet 379^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow P5_{-21}(\downarrow P4_{+21})^1} = (1) + \uparrow m7_{-23}(\downarrow M2_{+23})$

$14403 = 3^1 \bullet 4801^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m3_{-25}(\downarrow M6_{+25})^1} = (1) + \uparrow m7_{-23}(\downarrow M2_{+23})$

$14404 = 2^{2}\bullet 13^{1}\bullet 277^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m2_{+36}(\downarrow M7_{-36})^{1}} = (1) + \uparrow m7_{-23}(\downarrow M2_{+23})$

$14405 = 5^{1}\bullet 43^{1}\bullet 67^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow P4_{+12}(\downarrow P5_{-12})^{1} + \uparrow m2_{-21}(\downarrow M7_{+21})^{1}} = (1) + \uparrow m7_{-23}(\downarrow M2_{+23})$

$14406 = 2^{1}\bullet 3^{1}\bullet 7^{4} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{4}} = (1) + \uparrow m7_{-23}(\downarrow M2_{+23})$

$14407 = 14407^{1} = \mathbf{(1) + \uparrow m7_{-23}(\downarrow M2_{+23})}$

$14408 = 2^{3}\bullet 1801^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow m7_{-23}(\downarrow M2_{+23})^{1}} = (1) + \uparrow m7_{-23}(\downarrow M2_{+23})$

$14409 = 3^{2}\bullet 1601^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m6_{-26}(\downarrow M3_{+26})^{1}} = (1) + \uparrow m7_{-22}(\downarrow M2_{+22})$

$14410 = 2^{1}\bullet 5^{1}\bullet 11^{1}\bullet 131^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow uni_{+40}(\downarrow 8ve_{-40})^{1}} = (1) + \uparrow m7_{-22}(\downarrow M2_{+22})$

$14411 = 14411^{1} = \mathbf{(1) + \uparrow m7_{-22}(\downarrow M2_{+22})}$

$14412 = 2^{2}\bullet 3^{1}\bullet 1201^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m3_{-24}(\downarrow M6_{+24})^{1}} = (1) + \uparrow m7_{-22}(\downarrow M2_{+22})$

$14413 = 7^{1}\bullet 29^{1}\bullet 71^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1} + \uparrow M2_{-20}(\downarrow m7_{+20})^{1}} = (1) + \uparrow m7_{-22}(\downarrow M2_{+22})$

$14414 = 2^{1}\bullet 7207^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-22}(\downarrow M2_{+22})^{1}} = (1) + \uparrow m7_{-22}(\downarrow M2_{+22})$

$14415 = 3^{1}\bullet 5^{1}\bullet 31^{2} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{2}} = (1) + \uparrow m7_{-22}(\downarrow M2_{+22})$

$14416 = 2^{4}\bullet 17^{1}\bullet 53^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow M6_{-26}(\downarrow m3_{+26})^{1}} = (1) + \uparrow m7_{-22}(\downarrow M2_{+22})$

$14417 = 13^{1}\bullet 1109^{1} = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m2_{+38}(\downarrow M7_{-38})^{1}} = (1) + \uparrow m7_{-21}(\downarrow M2_{+21})$

$14418 = 2^{1}\bullet 3^{4}\bullet 89^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{4} + \uparrow tt_{-29}(\downarrow tt_{+29})^{1}} = (1) + \uparrow m7_{-21}(\downarrow M2_{+21})$

$14419 = 14419^{1} = \mathbf{(1) + \uparrow m7_{-21}(\downarrow M2_{+21})}$

$14420 = 2^{2}\bullet 5^{1}\bullet 7^{1}\bullet 103^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m6_{+24}(\downarrow M3_{-24})^{1}} = (1) + \uparrow m7_{-21}(\downarrow M2_{+21})$

$14421 = 3^{1}\bullet 11^{1}\bullet 19^{1}\bullet 23^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1}} = (1) + \uparrow m7_{-21}(\downarrow M2_{+21})$

$14422 = 2^{1}\bullet 7211^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-21}(\downarrow M2_{+21})^{1}} = (1) + \uparrow m7_{-21}(\downarrow M2_{+21})$

$14423 = 14423^{1} = \mathbf{(1) + \uparrow m7_{-21}(\downarrow M2_{+21})}$

$14424 = 2^{3}\bullet 3^{1}\bullet 601^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m3_{-23}(\downarrow M6_{+23})^{1}} = (1) + \uparrow m7_{-21}(\downarrow M2_{+21})$

$14425 = 5^{2}\bullet 577^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow M2_{+7}(\downarrow m7_{-7})^{1}} = (1) + \uparrow m7_{-20}(\downarrow M2_{+20})$

$14426 = 2^{1}\bullet 7213^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-20}(\downarrow M2_{+20})^{1}} = (1) + \uparrow m7_{-20}(\downarrow M2_{+20})$

$14427 = 3^{2}\bullet 7^{1}\bullet 229^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m7_{+7}(\downarrow M2_{-7})^{1}} = (1) + \uparrow m7_{-20}(\downarrow M2_{+20})$

$14428 = 2^{2}\bullet 3607^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m7_{-20}(\downarrow M2_{+20})^{1}} = (1) + \uparrow m7_{-20}(\downarrow M2_{+20})$

$14429 = 47^{1}\bullet 307^{1} = \mathbf{(1) + \uparrow P5_{-34}(\downarrow P4_{+34})^{1} + \uparrow m3_{+15}(\downarrow M6_{-15})^{1}} = (1) + \uparrow m7_{-20}(\downarrow M2_{+20})$

$14430 = 2^{1}\bullet 3^{1}\bullet 5^{1}\bullet 13^{1}\bullet 37^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m3_{-49}(\downarrow M6_{+49})^{1}} =$
$(1) + \uparrow m7_{-20}(\downarrow M2_{+20})$

$14431 = 14431^{1} = \mathbf{(1) + \uparrow m7_{-20}(\downarrow M2_{+20})}$

$14432 = 2^{5}\bullet 11^{1}\bullet 41^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{5} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow M3_{+29}(\downarrow m6_{-29})^{1}} = (1) + \uparrow m7_{-20}(\downarrow M2_{+20})$

$14433 = 3^{1}\bullet 17^{1}\bullet 283^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow M2_{-26}(\downarrow m7_{+26})^{1}} = (1) + \uparrow m7_{-19}(\downarrow M2_{+19})$

$14434 = 2^{1}\bullet 7^{1}\bullet 1031^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow uni_{+12}(\downarrow 8ve_{-12})^{1}} = (1) + \uparrow m7_{-19}(\downarrow M2_{+19})$

$14435 = 5^{1}\bullet 2887^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{-6}(\downarrow tt_{+6})^{1}} = (1) + \uparrow m7_{-19}(\downarrow M2_{+19})$

$14436 = 2^{2}\bullet 3^{2}\bullet 401^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m6_{-23}(\downarrow M3_{+23})^{1}} = (1) + \uparrow m7_{-19}(\downarrow M2_{+19})$

$14437 = 14437^{1} = \mathbf{(1) + \uparrow m7_{-19}(\downarrow M2_{+19})}$

$14438 = 2^{1}\bullet 7219^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-19}(\downarrow M2_{+19})^{1}} = (1) + \uparrow m7_{-19}(\downarrow M2_{+19})$

$14439 = 3^{1}\bullet 4813^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m3_{-21}(\downarrow M6_{+21})^{1}} = (1) + \uparrow m7_{-19}(\downarrow M2_{+19})$

$14440 = 2^{3}\bullet 5^{1}\bullet 19^{2} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{2}} = (1) + \uparrow m7_{-19}(\downarrow M2_{+19})$

$14441 = 7^{1}\bullet 2063^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow uni_{+13}(\downarrow 8ve_{-13})^{1}} = (1) + \uparrow m7_{-19}(\downarrow M2_{+19})$

$14442 = 2^{1}\bullet 3^{1}\bullet 29^{1}\bullet 83^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1} + \uparrow P4_{-50}(\downarrow P5_{+50})^{1}} = (1) + \uparrow m7_{-18}(\downarrow M2_{+18})$

$14443 = 11^{1}\bullet 13^{1}\bullet 101^{1} = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m6_{-10}(\downarrow M3_{+10})^{1}} = (1) + \uparrow m7_{-18}(\downarrow M2_{+18})$

$14444 = 2^{2}\bullet 23^{1}\bullet 157^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow M3_{-46}(\downarrow m6_{+46})^{1}} = (1) + \uparrow m7_{-18}(\downarrow M2_{+18})$

$14445 = 3^{3}\bullet5^{1}\bullet107^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M6_{-10}(\downarrow m3_{+10})^{1}} = (1) + \uparrow m7_{-18}(\downarrow M2_{+18})$

$14446 = 2^{1}\bullet31^{1}\bullet233^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1} + \uparrow m7_{+37}(\downarrow M2_{-37})^{1}} = (1) + \uparrow m7_{-18}(\downarrow M2_{+18})$

$14447 = 14447^{1} = \mathbf{(1) + \uparrow m7_{-18}(\downarrow M2_{+18})}$

$14448 = 2^{4}\bullet3^{1}\bullet7^{1}\bullet43^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow P4_{+12}(\downarrow P5_{-12})^{1}} = (1) + \uparrow m7_{-18}(\downarrow M2_{+18})$

$14449 = 14449^{1} = \mathbf{(1) + \uparrow m7_{-18}(\downarrow M2_{+18})}$

$14450 = 2^{1}\bullet5^{2}\bullet17^{2} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow m2_{+5}(\downarrow M7_{-5})^{2}} = (1) + \uparrow m7_{-17}(\downarrow M2_{+17})$

$14451 = 3^{1}\bullet4817^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m3_{-19}(\downarrow M6_{+19})^{1}} = (1) + \uparrow m7_{-17}(\downarrow M2_{+17})$

$14452 = 2^{2}\bullet3613^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m7_{-17}(\downarrow M2_{+17})^{1}} = (1) + \uparrow m7_{-17}(\downarrow M2_{+17})$

$14453 = 97^{1}\bullet149^{1} = \mathbf{(1) + \uparrow P5_{+20}(\downarrow P4_{-20})^{1} + \uparrow m3_{-37}(\downarrow M6_{+37})^{1}} = (1) + \uparrow m7_{-17}(\downarrow M2_{+17})$

$14454 = 2^{1}\bullet3^{2}\bullet11^{1}\bullet73^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow M2_{+28}(\downarrow m7_{-28})^{1}} = (1) + \uparrow m7_{-17}(\downarrow M2_{+17})$

$14455 = 5^{1}\bullet7^{2}\bullet59^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{2} + \uparrow M7_{-41}(\downarrow m2_{+41})^{1}} = (1) + \uparrow m7_{-17}(\downarrow M2_{+17})$

$14456 = 2^{3}\bullet13^{1}\bullet139^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m2_{+43}(\downarrow M7_{-43})^{1}} = (1) + \uparrow m7_{-17}(\downarrow M2_{+17})$

$14457 = 3^{1}\bullet61^{1}\bullet79^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M7_{+17}(\downarrow m2_{-17})^{1} + \uparrow M3_{-35}(\downarrow m6_{+35})^{1}} = (1) + \uparrow m7_{-17}(\downarrow M2_{+17})$

$14458 = 2^{1}\bullet7229^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-17}(\downarrow M2_{+17})^{1}} = (1) + \uparrow m7_{-17}(\downarrow M2_{+17})$

$14459 = 19^{1}\bullet761^{1} = \mathbf{(1) + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow P5_{-14}(\downarrow P4_{+14})^{1}} = (1) + \uparrow m7_{-16}(\downarrow M2_{+16})$

$14460 = 2^{2}\bullet3^{1}\bullet5^{1}\bullet241^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M7_{-5}(\downarrow m2_{+5})^{1}} = (1) + \uparrow m7_{-16}(\downarrow M2_{+16})$

$14461 = 14461^{1} = \mathbf{(1) + \uparrow m7_{-16}(\downarrow M2_{+16})}$

$14462 = 2^{1}\bullet7^{1}\bullet1033^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow uni_{+15}(\downarrow 8ve_{-15})^{1}} = (1) + \uparrow m7_{-16}(\downarrow M2_{+16})$

$14463 = 3^{2}\bullet1607^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m6_{-20}(\downarrow M3_{+20})^{1}} = (1) + \uparrow m7_{-16}(\downarrow M2_{+16})$

$14464 = 2^{7}\bullet113^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{7} + \uparrow m7_{-16}(\downarrow M2_{+16})^{1}} = (1) + \uparrow m7_{-16}(\downarrow M2_{+16})$

$14465 = 5^{1}\bullet11^{1}\bullet263^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow uni_{+47}(\downarrow 8ve_{-47})^{1}} = (1) + \uparrow m7_{-16}(\downarrow M2_{+16})$

$14466 = 2^{1}\bullet3^{1}\bullet2411^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m3_{-18}(\downarrow M6_{+18})^{1}} = (1) + \uparrow m7_{-16}(\downarrow M2_{+16})$

$14467 = 17^{1}\bullet23^{1}\bullet37^{1} = \mathbf{(1) + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow m3_{-49}(\downarrow M6_{+49})^{1}} = (1) + \uparrow m7_{-15}(\downarrow M2_{+15})$

$14468 = 2^{2}\bullet3617^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m7_{-15}(\downarrow M2_{+15})^{1}} = (1) + \uparrow m7_{-15}(\downarrow M2_{+15})$

$14469 = 3^{1}\bullet7^{1}\bullet13^{1}\bullet53^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow M6_{-26}(\downarrow m3_{+26})^{1}} =$

$(1) + \uparrow m7_{-15}(\downarrow M2_{+15})$

$14470 = 2^{1}\bullet5^{1}\bullet1447^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{-1}(\downarrow tt_{+1})^{1}} = (1) + \uparrow m7_{-15}(\downarrow M2_{+15})$

$14471 = 29^{1}\bullet499^{1} = \mathbf{(1) + \uparrow m7_{+30}(\downarrow M2_{-30})^{1} + \uparrow 8ve_{-45}(\downarrow uni_{+45})^{1}} = (1) + \uparrow m7_{-15}(\downarrow M2_{+15})$

$14472 = 2^{3}\bullet3^{3}\bullet67^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow m2_{-21}(\downarrow M7_{+21})^{1}} = (1) + \uparrow m7_{-15}(\downarrow M2_{+15})$

$14473 = 41^{1}\bullet353^{1} = \mathbf{(1) + \uparrow M3_{+29}(\downarrow m6_{-29})^{1} + \uparrow tt_{-44}(\downarrow tt_{+44})^{1}} = (1) + \uparrow m7_{-15}(\downarrow M2_{+15})$

$14474 = 2^{1}\bullet7237^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-15}(\downarrow M2_{+15})^{1}} = (1) + \uparrow m7_{-15}(\downarrow M2_{+15})$

$14475 = 3^{1}\bullet5^{2}\bullet193^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow P5_{+11}(\downarrow P4_{-11})^{1}} = (1) + \uparrow m7_{-14}(\downarrow M2_{+14})$

$14476 = 2^{2}\bullet7^{1}\bullet11^{1}\bullet47^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow P5_{-34}(\downarrow P4_{+34})^{1}} = (1) + \uparrow m7_{-14}(\downarrow M2_{+14})$

$14477 = 31^{1}\bullet467^{1} = \mathbf{(1) + \uparrow M7_{+45}(\downarrow m2_{-45})^{1} + \uparrow m7_{+41}(\downarrow M2_{-41})^{1}} = (1) + \uparrow m7_{-14}(\downarrow M2_{+14})$

$14478 = 2^{1}\bullet3^{1}\bullet19^{1}\bullet127^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow 8ve_{-14}(\downarrow uni_{+14})^{1}} = (1) + \uparrow m7_{-14}(\downarrow M2_{+14})$

$14479 = 14479^{1} = \mathbf{(1) + \uparrow m7_{-14}(\downarrow M2_{+14})}$

$14480 = 2^{4}\bullet5^{1}\bullet181^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{+0}(\downarrow tt_{-0})^{1}} = (1) + \uparrow m7_{-14}(\downarrow M2_{+14})$

$14481 = 3^{2}\bullet1609^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m6_{-18}(\downarrow M3_{+18})^{1}} = (1) + \uparrow m7_{-14}(\downarrow M2_{+14})$

$14482 = 2^{1}\bullet13^{1}\bullet557^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m2_{+46}(\downarrow M7_{-46})^{1}} = (1) + \uparrow m7_{-14}(\downarrow M2_{+14})$

$14483 = 7^{1}\bullet2069^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow uni_{+18}(\downarrow 8ve_{-18})^{1}} = (1) + \uparrow m7_{-14}(\downarrow M2_{+14})$

$14484 = 2^{2}\bullet3^{1}\bullet17^{1}\bullet71^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow M2_{-20}(\downarrow m7_{+20})^{1}} = (1) + \uparrow m7_{-13}(\downarrow M2_{+13})$

$14485 = 5^{1}\bullet2897^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{+0}(\downarrow tt_{-0})^{1}} = (1) + \uparrow m7_{-13}(\downarrow M2_{+13})$

$14486 = 2^{1}\bullet 7243^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-13}(\downarrow M2_{+13})^{1}} = (1) + \uparrow m7_{-13}(\downarrow M2_{+13})$

$14487 = 3^{1}\bullet 11^{1}\bullet 439^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow M6_{+34}(\downarrow m3_{-34})^{1}} = (1) + \uparrow m7_{-13}(\downarrow M2_{+13})$

$14488 = 2^{3}\bullet 1811^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow m7_{-13}(\downarrow M2_{+13})^{1}} = (1) + \uparrow m7_{-13}(\downarrow M2_{+13})$

$14489 = 14489^{1} = \mathbf{(1) + \uparrow m7_{-13}(\downarrow M2_{+13})}$

$14490 = 2^{1}\bullet 3^{2}\bullet 5^{1}\bullet 7^{1}\bullet 23^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1}} =$

$(1) + \uparrow m7_{-13}(\downarrow M2_{+13})$

$14491 = 43^{1}\bullet 337^{1} = \mathbf{(1) + \uparrow P4_{+12}(\downarrow P5_{-12})^{1} + \uparrow P4_{-24}(\downarrow P5_{+24})^{1}} = (1) + \uparrow m7_{-13}(\downarrow M2_{+13})$

$14492 = 2^{2}\bullet 3623^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m7_{-12}(\downarrow M2_{+12})^{1}} = (1) + \uparrow m7_{-12}(\downarrow M2_{+12})$

$14493 = 3^{1}\bullet 4831^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m3_{-14}(\downarrow M6_{+14})^{1}} = (1) + \uparrow m7_{-12}(\downarrow M2_{+12})$

$14494 = 2^{1}\bullet 7247^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-12}(\downarrow M2_{+12})^{1}} = (1) + \uparrow m7_{-12}(\downarrow M2_{+12})$

$14495 = 5^{1}\bullet 13^{1}\bullet 223^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m7_{-39}(\downarrow M2_{+39})^{1}} = (1) + \uparrow m7_{-12}(\downarrow M2_{+12})$

$14496 = 2^{5}\bullet 3^{1}\bullet 151^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{5} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m3_{-14}(\downarrow M6_{+14})^{1}} = (1) + \uparrow m7_{-12}(\downarrow M2_{+12})$

$14497 = 7^{1}\bullet 19^{1}\bullet 109^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow M6_{+22}(\downarrow m3_{-22})^{1}} = (1) + \uparrow m7_{-12}(\downarrow M2_{+12})$

$14498 = 2^{1}\bullet 11^{1}\bullet 659^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow M3_{+37}(\downarrow m6_{-37})^{1}} = (1) + \uparrow m7_{-12}(\downarrow M2_{+12})$

$14499 = 3^{4}\bullet 179^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{4} + \uparrow tt_{-19}(\downarrow tt_{+19})^{1}} = (1) + \uparrow m7_{-12}(\downarrow M2_{+12})$

$14500 = 2^{2}\bullet 5^{3}\bullet 29^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{3} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1}} = (1) + \uparrow m7_{-11}(\downarrow M2_{+11})$

$14501 = 17^{1}\bullet 853^{1} = \mathbf{(1) + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow M6_{-16}(\downarrow m3_{+16})^{1}} = (1) + \uparrow m7_{-11}(\downarrow M2_{+11})$

$14502 = 2^{1}\bullet 3^{1}\bullet 2417^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m3_{-13}(\downarrow M6_{+13})^{1}} = (1) + \uparrow m7_{-11}(\downarrow M2_{+11})$

$14503 = 14503^{1} = \mathbf{(1) + \uparrow m7_{-11}(\downarrow M2_{+11})}$

$14504 = 2^{3}\bullet 7^{2}\bullet 37^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow m7_{-31}(\downarrow M2_{+31})^{2} + \uparrow m3_{-49}(\downarrow M6_{+49})^{1}} = (1) + \uparrow m7_{-11}(\downarrow M2_{+11})$

$14505 = 3^{1}\bullet 5^{1}\bullet 967^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M7_{+1}(\downarrow m2_{-1})^{1}} = (1) + \uparrow m7_{-11}(\downarrow M2_{+11})$

$14506 = 2^{1}\bullet 7253^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-11}(\downarrow M2_{+11})^{1}} = (1) + \uparrow m7_{-11}(\downarrow M2_{+11})$

$14507 = 89^{1}\bullet 163^{1} = \mathbf{(1) + \uparrow tt_{-29}(\downarrow tt_{+29})^{1} + \uparrow M3_{+18}(\downarrow m6_{-18})^{1}} = (1) + \uparrow m7_{-11}(\downarrow M2_{+11})$

$14508 = 2^{2}\bullet 3^{2}\bullet 13^{1}\bullet 31^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1}} = (1) + \uparrow m7_{-11}(\downarrow M2_{+11})$

$14509 = 11^{1}\bullet 1319^{1} = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow M3_{+38}(\downarrow m6_{-38})^{1}} = (1) + \uparrow m7_{-10}(\downarrow M2_{+10})$

$14510 = 2^{1}\bullet 5^{1}\bullet 1451^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{+3}(\downarrow tt_{-3})^{1}} = (1) + \uparrow m7_{-10}(\downarrow M2_{+10})$

$14511 = 3^{1}\bullet 7^{1}\bullet 691^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow P4_{+19}(\downarrow P5_{-19})^{1}} = (1) + \uparrow m7_{-10}(\downarrow M2_{+10})$

$14512 = 2^{4}\bullet 907^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow m7_{-10}(\downarrow M2_{+10})^{1}} = (1) + \uparrow m7_{-10}(\downarrow M2_{+10})$

$14513 = 23^{1}\bullet 631^{1} = \mathbf{(1) + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow M3_{-38}(\downarrow m6_{+38})^{1}} = (1) + \uparrow m7_{-10}(\downarrow M2_{+10})$

$14514 = 2^{1}\bullet 3^{1}\bullet 41^{1}\bullet 59^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{+29}(\downarrow m6_{-29})^{1} + \uparrow M7_{-41}(\downarrow m2_{+41})^{1}} = (1) + \uparrow m7_{-10}(\downarrow M2_{+10})$

$14515 = 5^{1}\bullet 2903^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{+4}(\downarrow tt_{-4})^{1}} = (1) + \uparrow m7_{-10}(\downarrow M2_{+10})$

$14516 = 2^{2}\bullet 19^{1}\bullet 191^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow P5_{-7}(\downarrow P4_{+7})^{1}} = (1) + \uparrow m7_{-10}(\downarrow M2_{+10})$

$14517 = 3^{2}\bullet 1613^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m6_{-13}(\downarrow M3_{+13})^{1}} = (1) + \uparrow m7_{-9}(\downarrow M2_{+9})$

$14518 = 2^{1}\bullet 7^{1}\bullet 17^{1}\bullet 61^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow M7_{+17}(\downarrow m2_{-17})^{1}} = (1) + \uparrow m7_{-9}(\downarrow M2_{+9})$

$14519 = 14519^{1} = \mathbf{(1) + \uparrow m7_{-9}(\downarrow M2_{+9})}$

$14520 = 2^{3}\bullet 3^{1}\bullet 5^{1}\bullet 11^{2} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{2}} = (1) + \uparrow m7_{-9}(\downarrow M2_{+9})$

$14521 = 13^{1}\bullet 1117^{1} = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow M2_{-50}(\downarrow m7_{+50})^{1}} = (1) + \uparrow m7_{-9}(\downarrow M2_{+9})$

$14522 = 2^{1}\bullet 53^{1}\bullet 137^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M6_{-26}(\downarrow m3_{+26})^{1} + \uparrow m2_{+18}(\downarrow M7_{-18})^{1}} = (1) + \uparrow m7_{-9}(\downarrow M2_{+9})$

$14523 = 3^{1}\bullet 47^{1}\bullet 103^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow P5_{-34}(\downarrow P4_{+34})^{1} + \uparrow m6_{+24}(\downarrow M3_{-24})^{1}} = (1) + \uparrow m7_{-9}(\downarrow M2_{+9})$

$14524 = 2^{2}\bullet 3631^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m7_{-9}(\downarrow M2_{+9})^{1}} = (1) + \uparrow m7_{-9}(\downarrow M2_{+9})$

$14525 = 5^{2}\bullet 7^{1}\bullet 83^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow P4_{-50}(\downarrow P5_{+50})^{1}} = (1) + \uparrow m7_{-8}(\downarrow M2_{+8})$

$14526 = 2^{1}\bullet 3^{3}\bullet 269^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow m2_{-14}(\downarrow M7_{+14})^{1}} = (1) + \uparrow m7_{-8}(\downarrow M2_{+8})$

$14527 = 73^{1}\bullet199^{1} = \mathbf{(1) + \uparrow M2_{+28}(\downarrow m7_{-28})^{1} + \uparrow m6_{-36}(\downarrow M3_{+36})^{1}} = (1) + \uparrow m7_{-8}(\downarrow M2_{+8})$

$14528 = 2^{6}\bullet227^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{6} + \uparrow m7_{-8}(\downarrow M2_{+8})^{1}} = (1) + \uparrow m7_{-8}(\downarrow M2_{+8})$

$14529 = 3^{1}\bullet29^{1}\bullet167^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1} + \uparrow P4_{-40}(\downarrow P5_{+40})^{1}} = (1) + \uparrow m7_{-8}(\downarrow M2_{+8})$

$14530 = 2^{1}\bullet5^{1}\bullet1453^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{+6}(\downarrow tt_{-6})^{1}} = (1) + \uparrow m7_{-8}(\downarrow M2_{+8})$

$14531 = 11^{1}\bullet1321^{1} = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow M3_{+41}(\downarrow m6_{-41})^{1}} = (1) + \uparrow m7_{-8}(\downarrow M2_{+8})$

$14532 = 2^{2}\bullet3^{1}\bullet7^{1}\bullet173^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow P4_{+22}(\downarrow P5_{-22})^{1}} = (1) + \uparrow m7_{-8}(\downarrow M2_{+8})$

$14533 = 14533^{1} = \mathbf{(1) + \uparrow m7_{-8}(\downarrow M2_{+8})}$

$14534 = 2^{1}\bullet13^{2}\bullet43^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{2} + \uparrow P4_{+12}(\downarrow P5_{-12})^{1}} = (1) + \uparrow m7_{-7}(\downarrow M2_{+7})$

$14535 = 3^{2}\bullet5^{1}\bullet17^{1}\bullet19^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1}} = (1) + \uparrow m7_{-7}(\downarrow M2_{+7})$

$14536 = 2^{3}\bullet23^{1}\bullet79^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow M3_{-35}(\downarrow m6_{+35})^{1}} = (1) + \uparrow m7_{-7}(\downarrow M2_{+7})$

$14537 = 14537^{1} = \mathbf{(1) + \uparrow m7_{-7}(\downarrow M2_{+7})}$

$14538 = 2^{1}\bullet3^{1}\bullet2423^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m3_{-9}(\downarrow M6_{+9})^{1}} = (1) + \uparrow m7_{-7}(\downarrow M2_{+7})$

$14539 = 7^{1}\bullet31^{1}\bullet67^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1} + \uparrow m2_{-21}(\downarrow M7_{+21})^{1}} = (1) + \uparrow m7_{-7}(\downarrow M2_{+7})$

$14540 = 2^{2}\bullet5^{1}\bullet727^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{+7}(\downarrow tt_{-7})^{1}} = (1) + \uparrow m7_{-7}(\downarrow M2_{+7})$

$14541 = 3^{1}\bullet37^{1}\bullet131^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m3_{-49}(\downarrow M6_{+49})^{1} + \uparrow uni_{+40}(\downarrow 8ve_{-40})^{1}} = (1) + \uparrow m7_{-7}(\downarrow M2_{+7})$

$14542 = 2^{1}\bullet11^{1}\bullet661^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow M3_{+42}(\downarrow m6_{-42})^{1}} = (1) + \uparrow m7_{-6}(\downarrow M2_{+6})$

$14543 = 14543^{1} = \mathbf{(1) + \uparrow m7_{-6}(\downarrow M2_{+6})}$

$14544 = 2^{4}\bullet3^{2}\bullet101^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m6_{-10}(\downarrow M3_{+10})^{1}} = (1) + \uparrow m7_{-6}(\downarrow M2_{+6})$

$14545 = 5^{1}\bullet2909^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{+8}(\downarrow tt_{-8})^{1}} = (1) + \uparrow m7_{-6}(\downarrow M2_{+6})$

$14546 = 2^{1}\bullet7^{1}\bullet1039^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow uni_{+25}(\downarrow 8ve_{-25})^{1}} = (1) + \uparrow m7_{-6}(\downarrow M2_{+6})$

$14547 = 3^{1}\bullet13^{1}\bullet373^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow P5_{-48}(\downarrow P4_{+48})^{1}} = (1) + \uparrow m7_{-6}(\downarrow M2_{+6})$

$14548 = 2^{2}\bullet3637^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m7_{-6}(\downarrow M2_{+6})^{1}} = (1) + \uparrow m7_{-6}(\downarrow M2_{+6})$

$14549 = 14549^{1} = \mathbf{(1) + \uparrow m7_{-6}(\downarrow M2_{+6})}$

$14550 = 2^{1}\bullet3^{1}\bullet5^{2}\bullet97^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow P5_{+20}(\downarrow P4_{-20})^{1}} = (1) + \uparrow m7_{-6}(\downarrow M2_{+6})$

$14551 = 14551^{1} = \mathbf{(1) + \uparrow m7_{-5}(\downarrow M2_{+5})}$

$14552 = 2^{3}\bullet17^{1}\bullet107^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow M6_{-10}(\downarrow m3_{+10})^{1}} = (1) + \uparrow m7_{-5}(\downarrow M2_{+5})$

$14553 = 3^{3}\bullet7^{2}\bullet11^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow m7_{-31}(\downarrow M2_{+31})^{2} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1}} = (1) + \uparrow m7_{-5}(\downarrow M2_{+5})$

$14554 = 2^{1}\bullet19^{1}\bullet383^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow P5_{-3}(\downarrow P4_{+3})^{1}} = (1) + \uparrow m7_{-5}(\downarrow M2_{+5})$

$14555 = 5^{1}\bullet41^{1}\bullet71^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M3_{+29}(\downarrow m6_{-29})^{1} + \uparrow M2_{-20}(\downarrow m7_{+20})^{1}} = (1) + \uparrow m7_{-5}(\downarrow M2_{+5})$

$14556 = 2^{2}\bullet3^{1}\bullet1213^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m3_{-7}(\downarrow M6_{+7})^{1}} = (1) + \uparrow m7_{-5}(\downarrow M2_{+5})$

$14557 = 14557^{1} = \mathbf{(1) + \uparrow m7_{-5}(\downarrow M2_{+5})}$

$14558 = 2^{1}\bullet29^{1}\bullet251^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1} + \uparrow 8ve_{-34}(\downarrow uni_{+34})^{1}} = (1) + \uparrow m7_{-5}(\downarrow M2_{+5})$

$14559 = 3^{1}\bullet23^{1}\bullet211^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow M6_{-35}(\downarrow m3_{+35})^{1}} = (1) + \uparrow m7_{-4}(\downarrow M2_{+4})$

$14560 = 2^{5}\bullet5^{1}\bullet7^{1}\bullet13^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{5} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1}} = (1) + \uparrow m7_{-4}(\downarrow M2_{+4})$

$14561 = 14561^{1} = \mathbf{(1) + \uparrow m7_{-4}(\downarrow M2_{+4})}$

$14562 = 2^{1}\bullet3^{2}\bullet809^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m6_{-8}(\downarrow M3_{+8})^{1}} = (1) + \uparrow m7_{-4}(\downarrow M2_{+4})$

$14563 = 14563^{1} = \mathbf{(1) + \uparrow m7_{-4}(\downarrow M2_{+4})}$

$14564 = 2^{2}\bullet11^{1}\bullet331^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow M3_{+45}(\downarrow m6_{-45})^{1}} = (1) + \uparrow m7_{-4}(\downarrow M2_{+4})$

$14565 = 3^{1}\bullet5^{1}\bullet971^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M7_{+8}(\downarrow m2_{-8})^{1}} = (1) + \uparrow m7_{-4}(\downarrow M2_{+4})$

$14566 = 2^{1}\bullet7283^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-4}(\downarrow M2_{+4})^{1}} = (1) + \uparrow m7_{-4}(\downarrow M2_{+4})$

$14567 = 7^{1}\bullet2081^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow uni_{+28}(\downarrow 8ve_{-28})^{1}} = (1) + \uparrow m7_{-4}(\downarrow M2_{+4})$

$14568 = 2^{3}\bullet3^{1}\bullet607^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m3_{-5}(\downarrow M6_{+5})^{1}} = (1) + \uparrow m7_{-3}(\downarrow M2_{+3})$

$14569 = 17^1 \bullet 857^1 = \mathbf{(1) + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow M6_{-8}(\downarrow m3_{+8})^1} = (1) + \uparrow m7_{-3}(\downarrow M2_{+3})$

$14570 = 2^1 \bullet 5^1 \bullet 31^1 \bullet 47^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M7_{+45}(\downarrow m2_{-45})^1 + \uparrow P5_{-34}(\downarrow P4_{+34})^1} = (1) + \uparrow m7_{-3}(\downarrow M2_{+3})$

$14571 = 3^2 \bullet 1619^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m6_{-7}(\downarrow M3_{+7})^1} = (1) + \uparrow m7_{-3}(\downarrow M2_{+3})$

$14572 = 2^2 \bullet 3643^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m7_{-3}(\downarrow M2_{+3})^1} = (1) + \uparrow m7_{-3}(\downarrow M2_{+3})$

$14573 = 13^1 \bullet 19^1 \bullet 59^1 = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow M7_{-41}(\downarrow m2_{+41})^1} = (1) + \uparrow m7_{-3}(\downarrow M2_{+3})$

$14574 = 2^1 \bullet 3^1 \bullet 7^1 \bullet 347^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow P4_{+27}(\downarrow P5_{-27})^1} = (1) + \uparrow m7_{-3}(\downarrow M2_{+3})$

$14575 = 5^2 \bullet 11^1 \bullet 53^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow M6_{-26}(\downarrow m3_{+26})^1} = (1) + \uparrow m7_{-3}(\downarrow M2_{+3})$

$14576 = 2^4 \bullet 911^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow m7_{-2}(\downarrow M2_{+2})^1} = (1) + \uparrow m7_{-2}(\downarrow M2_{+2})$

$14577 = 3^1 \bullet 43^1 \bullet 113^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow P4_{+12}(\downarrow P5_{-12})^1 + \uparrow m7_{-16}(\downarrow M2_{+16})^1} = (1) + \uparrow m7_{-2}(\downarrow M2_{+2})$

$14578 = 2^1 \bullet 37^1 \bullet 197^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m3_{-49}(\downarrow M6_{+49})^1 + \uparrow P5_{+46}(\downarrow P4_{-46})^1} = (1) + \uparrow m7_{-2}(\downarrow M2_{+2})$

$14579 = 61^1 \bullet 239^1 = \mathbf{(1) + \uparrow M7_{+17}(\downarrow m2_{-17})^1 + \uparrow M7_{-19}(\downarrow m2_{+19})^1} = (1) + \uparrow m7_{-2}(\downarrow M2_{+2})$

$14580 = 2^2 \bullet 3^6 \bullet 5^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^6 + \uparrow M3_{-14}(\downarrow m6_{+14})^1} = (1) + \uparrow m7_{-2}(\downarrow M2_{+2})$

$14581 = 7^1 \bullet 2083^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow uni_{+29}(\downarrow 8ve_{-29})^1} = (1) + \uparrow m7_{-2}(\downarrow M2_{+2})$

$14582 = 2^1 \bullet 23^1 \bullet 317^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow M3_{-30}(\downarrow m6_{+30})^1} = (1) + \uparrow m7_{-2}(\downarrow M2_{+2})$

$14583 = 3^1 \bullet 4861^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m3_{-4}(\downarrow M6_{+4})^1} = (1) + \uparrow m7_{-2}(\downarrow M2_{+2})$

$14584 = 2^3 \bullet 1823^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow m7_{-1}(\downarrow M2_{+1})^1} = (1) + \uparrow m7_{-1}(\downarrow M2_{+1})$

$14585 = 5^1 \bullet 2917^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{+12}(\downarrow tt_{-12})^1} = (1) + \uparrow m7_{-1}(\downarrow M2_{+1})$

$14586 = 2^1 \bullet 3^1 \bullet 11^1 \bullet 13^1 \bullet 17^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1} =$
$(1) + \uparrow m7_{-1}(\downarrow M2_{+1})$

$14587 = 29^1 \bullet 503^1 = \mathbf{(1) + \uparrow m7_{+30}(\downarrow M2_{-30})^1 + \uparrow 8ve_{-31}(\downarrow uni_{+31})^1} = (1) + \uparrow m7_{-1}(\downarrow M2_{+1})$

$14588 = 2^2 \bullet 7^1 \bullet 521^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow uni_{+30}(\downarrow 8ve_{-30})^1} = (1) + \uparrow m7_{-1}(\downarrow M2_{+1})$

$14589 = 3^2 \bullet 1621^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m6_{-5}(\downarrow M3_{+5})^1} = (1) + \uparrow m7_{-1}(\downarrow M2_{+1})$

$14590 = 2^1 \bullet 5^1 \bullet 1459^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{+13}(\downarrow tt_{-13})^1} = (1) + \uparrow m7_{-1}(\downarrow M2_{+1})$

$14591 = 14591^1 = \mathbf{(1) + \uparrow m7_{-1}(\downarrow M2_{+1})}$

$14592 = 2^8 \bullet 3^1 \bullet 19^1 = \mathbf{(1) + \updownarrow 8ve(uni)^8 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1} = (1) + \uparrow m7_{-1}(\downarrow M2_{+1})$

$14593 = 14593^1 = \mathbf{(1) + \uparrow m7_{+0}(\downarrow M2_{-0})}$

$14594 = 2^1 \bullet 7297^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{+0}(\downarrow M2_{-0})^1} = (1) + \uparrow m7_{+0}(\downarrow M2_{-0})$

$14595 = 3^1 \bullet 5^1 \bullet 7^1 \bullet 139^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m2_{+43}(\downarrow M7_{-43})^1} = (1) + \uparrow m7_{+0}(\downarrow M2_{-0})$

$14596 = 2^2 \bullet 41^1 \bullet 89^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M3_{+29}(\downarrow m6_{-29})^1 + \uparrow tt_{-29}(\downarrow tt_{+29})^1} = (1) + \uparrow m7_{+0}(\downarrow M2_{-0})$

$14597 = 11^1 \bullet 1327^1 = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow M3_{+49}(\downarrow m6_{-49})^1} = (1) + \uparrow m7_{+0}(\downarrow M2_{-0})$

$14598 = 2^1 \bullet 3^2 \bullet 811^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m6_{-4}(\downarrow M3_{+4})^1} = (1) + \uparrow m7_{+0}(\downarrow M2_{-0})$

$14599 = 13^1 \bullet 1123^1 = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow M2_{-40}(\downarrow m7_{+40})^1} = (1) + \uparrow m7_{+0}(\downarrow M2_{-0})$

$14600 = 2^3 \bullet 5^2 \bullet 73^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow M2_{+28}(\downarrow m7_{-28})^1} = (1) + \uparrow m7_{+0}(\downarrow M2_{-0})$

$14601 = 3^1 \bullet 31^1 \bullet 157^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M7_{+45}(\downarrow m2_{-45})^1 + \uparrow M3_{-46}(\downarrow m6_{+46})^1} = (1) + \uparrow m7_{+1}(\downarrow M2_{-1})$

$14602 = 2^1 \bullet 7^2 \bullet 149^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^2 + \uparrow m3_{-37}(\downarrow M6_{+37})^1} = (1) + \uparrow m7_{+1}(\downarrow M2_{-1})$

$14603 = 17^1 \bullet 859^1 = \mathbf{(1) + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow M6_{-4}(\downarrow m3_{+4})^1} = (1) + \uparrow m7_{+1}(\downarrow M2_{-1})$

$14604 = 2^2 \bullet 3^1 \bullet 1217^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m3_{-1}(\downarrow M6_{+1})^1} = (1) + \uparrow m7_{+1}(\downarrow M2_{-1})$

$14605 = 5^1 \bullet 23^1 \bullet 127^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow 8ve_{-14}(\downarrow uni_{+14})^1} = (1) + \uparrow m7_{+1}(\downarrow M2_{-1})$

$14606 = 2^1 \bullet 67^1 \bullet 109^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m2_{-21}(\downarrow M7_{+21})^1 + \uparrow M6_{+22}(\downarrow m3_{-22})^1} = (1) + \uparrow m7_{+1}(\downarrow M2_{-1})$

$14607 = 3^3 \bullet 541^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow m2_{-5}(\downarrow M7_{+5})^1} = (1) + \uparrow m7_{+1}(\downarrow M2_{-1})$

$14608 = 2^4 \bullet 11^1 \bullet 83^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow P4_{-50}(\downarrow P5_{+50})^1} = (1) + \uparrow m7_{+1}(\downarrow M2_{-1})$

$14609 = 7^1 \bullet 2087^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow uni_{+33}(\downarrow 8ve_{-33})^1} = (1) + \uparrow m7_{+1}(\downarrow M2_{-1})$

$14610 = 2^1 \bullet 3^1 \bullet 5^1 \bullet 487^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M7_{+13}(\downarrow m2_{-13})^1} = (1) + \uparrow m7_{+2}(\downarrow M2_{-2})$

$14611 = 19^1 \bullet 769^1 = \mathbf{(1) + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow P5_{+4}(\downarrow P4_{-4})^1} = (1) + \uparrow m7_{+2}(\downarrow M2_{-2})$

$14612 = 2^2 \bullet 13^1 \bullet 281^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow M2_{-39}(\downarrow m7_{+39})^1} = (1) + \uparrow m7_{+2}(\downarrow M2_{-2})$

$14613 = 3^1 \bullet 4871^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m3_{+0}(\downarrow M6_{-0})^1} = (1) + \uparrow m7_{+2}(\downarrow M2_{-2})$

$14614 = 2^1 \bullet 7307^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{+2}(\downarrow M2_{-2})^1} = (1) + \uparrow m7_{+2}(\downarrow M2_{-2})$

$14615 = 5^1 \bullet 37^1 \bullet 79^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m3_{-49}(\downarrow M6_{+49})^1 + \uparrow M3_{-35}(\downarrow m6_{+35})^1} = (1) + \uparrow m7_{+2}(\downarrow M2_{-2})$

$14616 = 2^3 \bullet 3^2 \bullet 7^1 \bullet 29^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1} = (1) + \uparrow m7_{+2}(\downarrow M2_{-2})$

$14617 = 47^1 \bullet 311^1 = \mathbf{(1) + \uparrow P5_{-34}(\downarrow P4_{+34})^1 + \uparrow m3_{+37}(\downarrow M6_{-37})^1} = (1) + \uparrow m7_{+2}(\downarrow M2_{-2})$

$14618 = 2^1 \bullet 7309^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{+3}(\downarrow M2_{-3})^1} = (1) + \uparrow m7_{+3}(\downarrow M2_{-3})$

$14619 = 3^1 \bullet 11^1 \bullet 443^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow M6_{+49}(\downarrow m3_{-49})^1} = (1) + \uparrow m7_{+3}(\downarrow M2_{-3})$

$14620 = 2^2 \bullet 5^1 \bullet 17^1 \bullet 43^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow P4_{+12}(\downarrow P5_{-12})^1} = (1) + \uparrow m7_{+3}(\downarrow M2_{-3})$

$14621 = 14621^1 = \mathbf{(1) + \uparrow m7_{+3}(\downarrow M2_{-3})}$

$14622 = 2^1 \bullet 3^1 \bullet 2437^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m3_{+1}(\downarrow M6_{-1})^1} = (1) + \uparrow m7_{+3}(\downarrow M2_{-3})$

$14623 = 7^1 \bullet 2089^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow uni_{+34}(\downarrow 8ve_{-34})^1} = (1) + \uparrow m7_{+3}(\downarrow M2_{-3})$

$14624 = 2^5 \bullet 457^1 = \mathbf{(1) + \updownarrow 8ve(uni)^5 + \uparrow m7_{+3}(\downarrow M2_{-3})^1} = (1) + \uparrow m7_{+3}(\downarrow M2_{-3})$

$14625 = 3^2 \bullet 5^3 \bullet 13^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^3 + \uparrow m6_{+41}(\downarrow M3_{-41})^1} = (1) + \uparrow m7_{+3}(\downarrow M2_{-3})$

$14626 = 2^1 \bullet 71^1 \bullet 103^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M2_{-20}(\downarrow m7_{+20})^1 + \uparrow m6_{+24}(\downarrow M3_{-24})^1} = (1) + \uparrow m7_{+3}(\downarrow M2_{-3})$

$14627 = 14627^1 = \mathbf{(1) + \uparrow m7_{+4}(\downarrow M2_{-4})}$

$14628 = 2^2 \bullet 3^1 \bullet 23^1 \bullet 53^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow M6_{-26}(\downarrow m3_{+26})^1} = (1) + \uparrow m7_{+4}(\downarrow M2_{-4})$

$14629 = 14629^1 = \mathbf{(1) + \uparrow m7_{+4}(\downarrow M2_{-4})}$

$14630 = 2^1 \bullet 5^1 \bullet 7^1 \bullet 11^1 \bullet 19^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1} =$
$(1) + \uparrow m7_{+4}(\downarrow M2_{-4})$

$14631 = 3^1 \bullet 4877^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m3_{+2}(\downarrow M6_{-2})^1} = (1) + \uparrow m7_{+4}(\downarrow M2_{-4})$

$14632 = 2^3 \bullet 31^1 \bullet 59^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow M7_{+45}(\downarrow m2_{-45})^1 + \uparrow M7_{-41}(\downarrow m2_{+41})^1} = (1) + \uparrow m7_{+4}(\downarrow M2_{-4})$

$14633 = 14633^1 = \mathbf{(1) + \uparrow m7_{+4}(\downarrow M2_{-4})}$

$14634 = 2^1 \bullet 3^3 \bullet 271^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow m2_{-1}(\downarrow M7_{+1})^1} = (1) + \uparrow m7_{+4}(\downarrow M2_{-4})$

$14635 = 5^1 \bullet 2927^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{+18}(\downarrow tt_{-18})^1} = (1) + \uparrow m7_{+5}(\downarrow M2_{-5})$

$14636 = 2^2 \bullet 3659^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m7_{+5}(\downarrow M2_{-5})^1} = (1) + \uparrow m7_{+5}(\downarrow M2_{-5})$

$14637 = 3^1 \bullet 7^1 \bullet 17^1 \bullet 41^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow M3_{+29}(\downarrow m6_{-29})^1} = (1) + \uparrow m7_{+5}(\downarrow M2_{-5})$

$14638 = 2^1 \bullet 13^1 \bullet 563^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow M2_{-36}(\downarrow m7_{+36})^1} = (1) + \uparrow m7_{+5}(\downarrow M2_{-5})$

$14639 = 14639^1 = \mathbf{(1) + \uparrow m7_{+5}(\downarrow M2_{-5})}$

$14640 = 2^4 \bullet 3^1 \bullet 5^1 \bullet 61^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M7_{+17}(\downarrow m2_{-17})^1} = (1) + \uparrow m7_{+5}(\downarrow M2_{-5})$

$14641 = 11^4 = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^4} = (1) + \uparrow m7_{+5}(\downarrow M2_{-5})$

$14642 = 2^1 \bullet 7321^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{+5}(\downarrow M2_{-5})^1} = (1) + \uparrow m7_{+5}(\downarrow M2_{-5})$

$14643 = 3^2 \bullet 1627^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m6_{+2}(\downarrow M3_{-2})^1} = (1) + \uparrow m7_{+6}(\downarrow M2_{-6})$

$14644 = 2^2 \bullet 7^1 \bullet 523^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow uni_{+37}(\downarrow 8ve_{-37})^1} = (1) + \uparrow m7_{+6}(\downarrow M2_{-6})$

$14645 = 5^1 \bullet 29^1 \bullet 101^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1 + \uparrow m6_{-10}(\downarrow M3_{+10})^1} = (1) + \uparrow m7_{+6}(\downarrow M2_{-6})$

$14646 = 2^1 \bullet 3^1 \bullet 2441^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m3_{+4}(\downarrow M6_{-4})^1} = (1) + \uparrow m7_{+6}(\downarrow M2_{-6})$

$14647 = 97^1 \bullet 151^1 = \mathbf{(1) + \uparrow P5_{+20}(\downarrow P4_{-20})^1 + \uparrow m3_{-14}(\downarrow M6_{+14})^1} = (1) + \uparrow m7_{+6}(\downarrow M2_{-6})$

$14648 = 2^3 \bullet 1831^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow m7_{+6}(\downarrow M2_{-6})^1} = (1) + \uparrow m7_{+6}(\downarrow M2_{-6})$

$14649 = 3^1 \bullet 19^1 \bullet 257^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow uni_{+7}(\downarrow 8ve_{-7})^1} = (1) + \uparrow m7_{+6}(\downarrow M2_{-6})$

$14650 = 2^1 \bullet 5^2 \bullet 293^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow M2_{+34}(\downarrow m7_{-34})^1} = (1) + \uparrow m7_{+6}(\downarrow M2_{-6})$

$14651 = 7^{2}\bullet 13^{1}\bullet 23^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{2} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1}} = (1) + \uparrow m7_{+6}(\downarrow M2_{-6})$

$14652 = 2^{2}\bullet 3^{2}\bullet 11^{1}\bullet 37^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m3_{-49}(\downarrow M6_{+49})^{1}} = (1) + \uparrow m7_{+7}(\downarrow M2_{-7})$

$14653 = 14653^{1} = \mathbf{(1) + \uparrow m7_{+7}(\downarrow M2_{-7})}$

$14654 = 2^{1}\bullet 17^{1}\bullet 431^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow M6_{+2}(\downarrow m3_{-2})^{1}} = (1) + \uparrow m7_{+7}(\downarrow M2_{-7})$

$14655 = 3^{1}\bullet 5^{1}\bullet 977^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M7_{+19}(\downarrow m2_{-19})^{1}} = (1) + \uparrow m7_{+7}(\downarrow M2_{-7})$

$14656 = 2^{6}\bullet 229^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{6} + \uparrow m7_{+7}(\downarrow M2_{-7})^{1}} = (1) + \uparrow m7_{+7}(\downarrow M2_{-7})$

$14657 = 14657^{1} = \mathbf{(1) + \uparrow m7_{+7}(\downarrow M2_{-7})}$

$14658 = 2^{1}\bullet 3^{1}\bullet 7^{1}\bullet 349^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow P4_{+36}(\downarrow P5_{-36})^{1}} = (1) + \uparrow m7_{+7}(\downarrow M2_{-7})$

$14659 = 107^{1}\bullet 137^{1} = \mathbf{(1) + \uparrow M6_{-10}(\downarrow m3_{+10})^{1} + \uparrow m2_{+18}(\downarrow M7_{-18})^{1}} = (1) + \uparrow m7_{+7}(\downarrow M2_{-7})$

$14660 = 2^{2}\bullet 5^{1}\bullet 733^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{+21}(\downarrow tt_{-21})^{1}} = (1) + \uparrow m7_{+8}(\downarrow M2_{-8})$

$14661 = 3^{4}\bullet 181^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{4} + \uparrow tt_{+0}(\downarrow tt_{-0})^{1}} = (1) + \uparrow m7_{+8}(\downarrow M2_{-8})$

$14662 = 2^{1}\bullet 7331^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{+8}(\downarrow M2_{-8})^{1}} = (1) + \uparrow m7_{+8}(\downarrow M2_{-8})$

$14663 = 11^{1}\bullet 31^{1}\bullet 43^{1} = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1} + \uparrow P4_{+12}(\downarrow P5_{-12})^{1}} = (1) + \uparrow m7_{+8}(\downarrow M2_{-8})$

$14664 = 2^{3}\bullet 3^{1}\bullet 13^{1}\bullet 47^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow P5_{-34}(\downarrow P4_{+34})^{1}} = (1) + \uparrow m7_{+8}(\downarrow M2_{-8})$

$14665 = 5^{1}\bullet 7^{1}\bullet 419^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M6_{-47}(\downarrow m3_{+47})^{1}} = (1) + \uparrow m7_{+8}(\downarrow M2_{-8})$

$14666 = 2^{1}\bullet 7333^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{+8}(\downarrow M2_{-8})^{1}} = (1) + \uparrow m7_{+8}(\downarrow M2_{-8})$

$14667 = 3^{1}\bullet 4889^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m3_{+6}(\downarrow M6_{-6})^{1}} = (1) + \uparrow m7_{+8}(\downarrow M2_{-8})$

$14668 = 2^{2}\bullet 19^{1}\bullet 193^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow P5_{+11}(\downarrow P4_{-11})^{1}} = (1) + \uparrow m7_{+8}(\downarrow M2_{-8})$

$14669 = 14669^{1} = \mathbf{(1) + \uparrow m7_{+9}(\downarrow M2_{-9})}$

$14670 = 2^{1}\bullet 3^{2}\bullet 5^{1}\bullet 163^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M3_{+18}(\downarrow m6_{-18})^{1}} = (1) + \uparrow m7_{+9}(\downarrow M2_{-9})$

$14671 = 17^{1}\bullet 863^{1} = \mathbf{(1) + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow M6_{+4}(\downarrow m3_{-4})^{1}} = (1) + \uparrow m7_{+9}(\downarrow M2_{-9})$

$14672 = 2^{4}\bullet 7^{1}\bullet 131^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow uni_{+40}(\downarrow 8ve_{-40})^{1}} = (1) + \uparrow m7_{+9}(\downarrow M2_{-9})$

$14673 = 3^{1}\bullet 67^{1}\bullet 73^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m2_{-21}(\downarrow M7_{+21})^{1} + \uparrow M2_{+28}(\downarrow m7_{-28})^{1}} = (1) + \uparrow m7_{+9}(\downarrow M2_{-9})$

$14674 = 2^{1}\bullet 11^{1}\bullet 23^{1}\bullet 29^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1}} = (1) + \uparrow m7_{+9}(\downarrow M2_{-9})$

$14675 = 5^{2}\bullet 587^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow M2_{+37}(\downarrow m7_{-37})^{1}} = (1) + \uparrow m7_{+9}(\downarrow M2_{-9})$

$14676 = 2^{2}\bullet 3^{1}\bullet 1223^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m3_{+7}(\downarrow M6_{-7})^{1}} = (1) + \uparrow m7_{+9}(\downarrow M2_{-9})$

$14677 = 13^{1}\bullet 1129^{1} = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow M2_{-31}(\downarrow m7_{+31})^{1}} = (1) + \uparrow m7_{+10}(\downarrow M2_{-10})$

$14678 = 2^{1}\bullet 41^{1}\bullet 179^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{+29}(\downarrow m6_{-29})^{1} + \uparrow tt_{-19}(\downarrow tt_{+19})^{1}} = (1) + \uparrow m7_{+10}(\downarrow M2_{-10})$

$14679 = 3^{2}\bullet 7^{1}\bullet 233^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m7_{+37}(\downarrow M2_{-37})^{1}} = (1) + \uparrow m7_{+10}(\downarrow M2_{-10})$

$14680 = 2^{3}\bullet 5^{1}\bullet 367^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{+24}(\downarrow tt_{-24})^{1}} = (1) + \uparrow m7_{+10}(\downarrow M2_{-10})$

$14681 = 53^{1}\bullet 277^{1} = \mathbf{(1) + \uparrow M6_{-26}(\downarrow m3_{+26})^{1} + \uparrow m2_{+36}(\downarrow M7_{-36})^{1}} = (1) + \uparrow m7_{+10}(\downarrow M2_{-10})$

$14682 = 2^{1}\bullet 3^{1}\bullet 2447^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m3_{+8}(\downarrow M6_{-8})^{1}} = (1) + \uparrow m7_{+10}(\downarrow M2_{-10})$

$14683 = 14683^{1} = \mathbf{(1) + \uparrow m7_{+10}(\downarrow M2_{-10})}$

$14684 = 2^{2}\bullet 3671^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m7_{+10}(\downarrow M2_{-10})^{1}} = (1) + \uparrow m7_{+10}(\downarrow M2_{-10})$

$14685 = 3^{1}\bullet 5^{1}\bullet 11^{1}\bullet 89^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow tt_{-29}(\downarrow tt_{+29})^{1}} = (1) + \uparrow m7_{+10}(\downarrow M2_{-10})$

$14686 = 2^{1}\bullet 7^{1}\bullet 1049^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow uni_{+42}(\downarrow 8ve_{-42})^{1}} = (1) + \uparrow m7_{+11}(\downarrow M2_{-11})$

$14687 = 19^{1}\bullet 773^{1} = \mathbf{(1) + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow P5_{+13}(\downarrow P4_{-13})^{1}} = (1) + \uparrow m7_{+11}(\downarrow M2_{-11})$

$14688 = 2^{5}\bullet 3^{3}\bullet 17^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{5} + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1}} = (1) + \uparrow m7_{+11}(\downarrow M2_{-11})$

$14689 = 37^{1}\bullet 397^{1} = \mathbf{(1) + \uparrow m3_{-49}(\downarrow M6_{+49})^{1} + \uparrow m6_{-40}(\downarrow M3_{+40})^{1}} = (1) + \uparrow m7_{+11}(\downarrow M2_{-11})$

$14690 = 2^{1}\bullet 5^{1}\bullet 13^{1}\bullet 113^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m7_{-16}(\downarrow M2_{+16})^{1}} = (1) + \uparrow m7_{+11}(\downarrow M2_{-11})$

$14691 = 3^{1}\bullet 59^{1}\bullet 83^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M7_{-41}(\downarrow m2_{+41})^{1} + \uparrow P4_{-50}(\downarrow P5_{+50})^{1}} = (1) + \uparrow m7_{+11}(\downarrow M2_{-11})$

$14692 = 2^{2}\bullet 3673^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m7_{+11}(\downarrow M2_{-11})^{1}} = (1) + \uparrow m7_{+11}(\downarrow M2_{-11})$

$14693 = 7^{1}\bullet 2099^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow uni_{+43}(\downarrow 8ve_{-43})^{1}} = (1) + \uparrow m7_{+11}(\downarrow M2_{-11})$

$14694 = 2^{1}\bullet 3^{1}\bullet 31^{1}\bullet 79^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1} + \uparrow M3_{-35}(\downarrow m6_{+35})^{1}} = (1) + \uparrow m7_{+12}(\downarrow M2_{-12})$

$14695 = 5^{1}\bullet 2939^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{+25}(\downarrow tt_{-25})^{1}} = (1) + \uparrow m7_{+12}(\downarrow M2_{-12})$

$14696 = 2^{3}\bullet 11^{1}\bullet 167^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow P4_{-40}(\downarrow P5_{+40})^{1}} = (1) + \uparrow m7_{+12}(\downarrow M2_{-12})$

$14697 = 3^{2}\bullet 23^{1}\bullet 71^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow M2_{-20}(\downarrow m7_{+20})^{1}} = (1) + \uparrow m7_{+12}(\downarrow M2_{-12})$

$14698 = 2^{1}\bullet 7349^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{+12}(\downarrow M2_{-12})^{1}} = (1) + \uparrow m7_{+12}(\downarrow M2_{-12})$

$14699 = 14699^{1} = \mathbf{(1) + \uparrow m7_{+12}(\downarrow M2_{-12})}$

$14700 = 2^{2}\bullet 3^{1}\bullet 5^{2}\bullet 7^{2} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{2}} = (1) + \uparrow m7_{+12}(\downarrow M2_{-12})$

$14701 = 61^{1}\bullet 241^{1} = \mathbf{(1) + \uparrow M7_{+17}(\downarrow m2_{-17})^{1} + \uparrow M7_{-5}(\downarrow m2_{+5})^{1}} = (1) + \uparrow m7_{+12}(\downarrow M2_{-12})$

$14702 = 2^{1}\bullet 7351^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{+12}(\downarrow M2_{-12})^{1}} = (1) + \uparrow m7_{+12}(\downarrow M2_{-12})$

$14703 = 3^{1}\bullet 13^{2}\bullet 29^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{2} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1}} = (1) + \uparrow m7_{+13}(\downarrow M2_{-13})$

$14704 = 2^{4}\bullet 919^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow m7_{+13}(\downarrow M2_{-13})^{1}} = (1) + \uparrow m7_{+13}(\downarrow M2_{-13})$

$14705 = 5^{1}\bullet 17^{1}\bullet 173^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow P4_{+22}(\downarrow P5_{-22})^{1}} = (1) + \uparrow m7_{+13}(\downarrow M2_{-13})$

$14706 = 2^{1}\bullet 3^{2}\bullet 19^{1}\bullet 43^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow P4_{+12}(\downarrow P5_{-12})^{1}} = (1) + \uparrow m7_{+13}(\downarrow M2_{-13})$

$14707 = 7^{1}\bullet 11^{1}\bullet 191^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow P5_{-7}(\downarrow P4_{+7})^{1}} = (1) + \uparrow m7_{+13}(\downarrow M2_{-13})$

$14708 = 2^{2}\bullet 3677^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m7_{+13}(\downarrow M2_{-13})^{1}} = (1) + \uparrow m7_{+13}(\downarrow M2_{-13})$

$14709 = 3^{1}\bullet 4903^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m3_{+11}(\downarrow M6_{-11})^{1}} = (1) + \uparrow m7_{+13}(\downarrow M2_{-13})$

$14710 = 2^{1}\bullet 5^{1}\bullet 1471^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{+27}(\downarrow tt_{-27})^{1}} = (1) + \uparrow m7_{+13}(\downarrow M2_{-13})$

$14711 = 47^{1}\bullet 313^{1} = \mathbf{(1) + \uparrow P5_{-34}(\downarrow P4_{+34})^{1} + \uparrow m3_{+48}(\downarrow M6_{-48})^{1}} = (1) + \uparrow m7_{+14}(\downarrow M2_{-14})$

$14712 = 2^{3}\bullet 3^{1}\bullet 613^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m3_{+12}(\downarrow M6_{-12})^{1}} = (1) + \uparrow m7_{+14}(\downarrow M2_{-14})$

$14713 = 14713^{1} = \mathbf{(1) + \uparrow m7_{+14}(\downarrow M2_{-14})}$

$14714 = 2^{1}\bullet 7^{1}\bullet 1051^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow uni_{+45}(\downarrow 8ve_{-45})^{1}} = (1) + \uparrow m7_{+14}(\downarrow M2_{-14})$

$14715 = 3^{3}\bullet 5^{1}\bullet 109^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M6_{+22}(\downarrow m3_{-22})^{1}} = (1) + \uparrow m7_{+14}(\downarrow M2_{-14})$

$14716 = 2^{2}\bullet 13^{1}\bullet 283^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow M2_{-26}(\downarrow m7_{+26})^{1}} = (1) + \uparrow m7_{+14}(\downarrow M2_{-14})$

$14717 = 14717^{1} = \mathbf{(1) + \uparrow m7_{+14}(\downarrow M2_{-14})}$

$14718 = 2^{1}\bullet 3^{1}\bullet 11^{1}\bullet 223^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m7_{-39}(\downarrow M2_{+39})^{1}} = (1) + \uparrow m7_{+14}(\downarrow M2_{-14})$

$14719 = 41^{1}\bullet 359^{1} = \mathbf{(1) + \uparrow M3_{+29}(\downarrow m6_{-29})^{1} + \uparrow tt_{-15}(\downarrow tt_{+15})^{1}} = (1) + \uparrow m7_{+14}(\downarrow M2_{-14})$

$14720 = 2^{7}\bullet 5^{1}\bullet 23^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{7} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1}} = (1) + \uparrow m7_{+15}(\downarrow M2_{-15})$

$14721 = 3^{1}\bullet 7^{1}\bullet 701^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow P4_{+44}(\downarrow P5_{-44})^{1}} = (1) + \uparrow m7_{+15}(\downarrow M2_{-15})$

$14722 = 2^{1}\bullet 17^{1}\bullet 433^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow M6_{+10}(\downarrow m3_{-10})^{1}} = (1) + \uparrow m7_{+15}(\downarrow M2_{-15})$

$14723 = 14723^{1} = \mathbf{(1) + \uparrow m7_{+15}(\downarrow M2_{-15})}$

$14724 = 2^{2}\bullet 3^{2}\bullet 409^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m6_{+11}(\downarrow M3_{-11})^{1}} = (1) + \uparrow m7_{+15}(\downarrow M2_{-15})$

$14725 = 5^{2}\bullet 19^{1}\bullet 31^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1}} = (1) + \uparrow m7_{+15}(\downarrow M2_{-15})$

$14726 = 2^{1}\bullet 37^{1}\bullet 199^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m3_{-49}(\downarrow M6_{+49})^{1} + \uparrow m6_{-36}(\downarrow M3_{+36})^{1}} = (1) + \uparrow m7_{+15}(\downarrow M2_{-15})$

$14727 = 3^{1}\bullet 4909^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m3_{+13}(\downarrow M6_{-13})^{1}} = (1) + \uparrow m7_{+15}(\downarrow M2_{-15})$

$14728 = 2^{3}\bullet 7^{1}\bullet 263^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow uni_{+47}(\downarrow 8ve_{-47})^{1}} = (1) + \uparrow m7_{+16}(\downarrow M2_{-16})$

$14729 = 11^{1}\bullet 13^{1}\bullet 103^{1} = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m6_{+24}(\downarrow M3_{-24})^{1}} = (1) + \uparrow m7_{+16}(\downarrow M2_{-16})$

$14730 = 2^{1}\bullet 3^{1}\bullet 5^{1}\bullet 491^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M7_{+27}(\downarrow m2_{-27})^{1}} = (1) + \uparrow m7_{+16}(\downarrow M2_{-16})$

$14731 = 14731^{1} = \mathbf{(1) + \uparrow m7_{+16}(\downarrow M2_{-16})}$

$14732 = 2^{2}\bullet 29^{1}\bullet 127^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1} + \uparrow 8ve_{-14}(\downarrow uni_{+14})^{1}} = (1) + \uparrow m7_{+16}(\downarrow M2_{-16})$

$14733 = 3^{2}\bullet 1637^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m6_{+12}(\downarrow M3_{-12})^{1}} = (1) + \uparrow m7_{+16}(\downarrow M2_{-16})$

$14734 = 2^{1}\bullet 53^{1}\bullet 139^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M6_{-26}(\downarrow m3_{+26})^{1} + \uparrow m2_{+43}(\downarrow M7_{-43})^{1}} = (1) + \uparrow m7_{+16}(\downarrow M2_{-16})$

$14735 = 5^{1}\bullet 7^{1}\bullet 421^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M6_{-39}(\downarrow m3_{+39})^{1}} = (1) + \uparrow m7_{+16}(\downarrow M2_{-16})$

$14736 = 2^{4}\bullet 3^{1}\bullet 307^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m3_{+15}(\downarrow M6_{-15})^{1}} = (1) + \uparrow m7_{+16}(\downarrow M2_{-16})$

$14737 = 14737^{1} = \mathbf{(1) + \uparrow m7_{+17}(\downarrow M2_{-17})}$

$14738 = 2^{1}\bullet 7369^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{+17}(\downarrow M2_{-17})^{1}} = (1) + \uparrow m7_{+17}(\downarrow M2_{-17})$

$14739 = 3^{1}\bullet 17^{3} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{3}} = (1) + \uparrow m7_{+17}(\downarrow M2_{-17})$

$14740 = 2^{2}\bullet 5^{1}\bullet 11^{1}\bullet 67^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m2_{-21}(\downarrow M7_{+21})^{1}} = (1) + \uparrow m7_{+17}(\downarrow M2_{-17})$

$14741 = 14741^{1} = \mathbf{(1) + \uparrow m7_{+17}(\downarrow M2_{-17})}$

$14742 = 2^{1}\bullet 3^{4}\bullet 7^{1}\bullet 13^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{4} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1}} = (1) + \uparrow m7_{+17}(\downarrow M2_{-17})$

$14743 = 23^{1}\bullet 641^{1} = \mathbf{(1) + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow M3_{-11}(\downarrow m6_{+11})^{1}} = (1) + \uparrow m7_{+17}(\downarrow M2_{-17})$

$14744 = 2^{3}\bullet 19^{1}\bullet 97^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow P5_{+20}(\downarrow P4_{-20})^{1}} = (1) + \uparrow m7_{+17}(\downarrow M2_{-17})$

$14745 = 3^{1}\bullet 5^{1}\bullet 983^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M7_{+29}(\downarrow m2_{-29})^{1}} = (1) + \uparrow m7_{+18}(\downarrow M2_{-18})$

$14746 = 2^{1}\bullet 73^{1}\bullet 101^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M2_{+28}(\downarrow m7_{-28})^{1} + \uparrow m6_{-10}(\downarrow M3_{+10})^{1}} = (1) + \uparrow m7_{+18}(\downarrow M2_{-18})$

$14747 = 14747^{1} = \mathbf{(1) + \uparrow m7_{+18}(\downarrow M2_{-18})}$

$14748 = 2^{2}\bullet 3^{1}\bullet 1229^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m3_{+16}(\downarrow M6_{-16})^{1}} = (1) + \uparrow m7_{+18}(\downarrow M2_{-18})$

$14749 = 7^{3}\bullet 43^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{3} + \uparrow P4_{+12}(\downarrow P5_{-12})^{1}} = (1) + \uparrow m7_{+18}(\downarrow M2_{-18})$

$14750 = 2^{1}\bullet 5^{3}\bullet 59^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{3} + \uparrow M7_{-41}(\downarrow m2_{+41})^{1}} = (1) + \uparrow m7_{+18}(\downarrow M2_{-18})$

$14751 = 3^{2}\bullet 11^{1}\bullet 149^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m3_{-37}(\downarrow M6_{+37})^{1}} = (1) + \uparrow m7_{+18}(\downarrow M2_{-18})$

$14752 = 2^{5}\bullet 461^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{5} + \uparrow m7_{+18}(\downarrow M2_{-18})^{1}} = (1) + \uparrow m7_{+18}(\downarrow M2_{-18})$

$14753 = 14753^{1} = \mathbf{(1) + \uparrow m7_{+18}(\downarrow M2_{-18})}$

$14754 = 2^{1}\bullet 3^{1}\bullet 2459^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m3_{+17}(\downarrow M6_{-17})^{1}} = (1) + \uparrow m7_{+19}(\downarrow M2_{-19})$

$14755 = 5^{1}\bullet 13^{1}\bullet 227^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m7_{-8}(\downarrow M2_{+8})^{1}} = (1) + \uparrow m7_{+19}(\downarrow M2_{-19})$

$14756 = 2^{2}\bullet 7^{1}\bullet 17^{1}\bullet 31^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1}} = (1) + \uparrow m7_{+19}(\downarrow M2_{-19})$

$14757 = 3^{1}\bullet 4919^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m3_{+17}(\downarrow M6_{-17})^{1}} = (1) + \uparrow m7_{+19}(\downarrow M2_{-19})$

$14758 = 2^{1}\bullet 47^{1}\bullet 157^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{-34}(\downarrow P4_{+34})^{1} + \uparrow M3_{-46}(\downarrow m6_{+46})^{1}} = (1) + \uparrow m7_{+19}(\downarrow M2_{-19})$

$14759 = 14759^{1} = \mathbf{(1) + \uparrow m7_{+19}(\downarrow M2_{-19})}$

$14760 = 2^{3}\bullet 3^{2}\bullet 5^{1}\bullet 41^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M3_{+29}(\downarrow m6_{-29})^{1}} = (1) + \uparrow m7_{+19}(\downarrow M2_{-19})$

$14761 = 29^{1}\bullet 509^{1} = \mathbf{(1) + \uparrow m7_{+30}(\downarrow M2_{-30})^{1} + \uparrow 8ve_{-10}(\downarrow uni_{+10})^{1}} = (1) + \uparrow m7_{+19}(\downarrow M2_{-19})$

$14762 = 2^{1}\bullet 11^{2}\bullet 61^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{2} + \uparrow M7_{+17}(\downarrow m2_{-17})^{1}} = (1) + \uparrow m7_{+20}(\downarrow M2_{-20})$

$14763 = 3^{1}\bullet 7^{1}\bullet 19^{1}\bullet 37^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow m3_{-49}(\downarrow M6_{+49})^{1}} = (1) + \uparrow m7_{+20}(\downarrow M2_{-20})$

$14764 = 2^{2}\bullet 3691^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m7_{+20}(\downarrow M2_{-20})^{1}} = (1) + \uparrow m7_{+20}(\downarrow M2_{-20})$

$14765 = 5^{1}\bullet 2953^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{+34}(\downarrow tt_{-34})^{1}} = (1) + \uparrow m7_{+20}(\downarrow M2_{-20})$

$14766 = 2^{1}\bullet 3^{1}\bullet 23^{1}\bullet 107^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow M6_{-10}(\downarrow m3_{+10})^{1}} = (1) + \uparrow m7_{+20}(\downarrow M2_{-20})$

$14767 = 14767^{1} = \mathbf{(1) + \uparrow m7_{+20}(\downarrow M2_{-20})}$

$14768 = 2^{4}\bullet 13^{1}\bullet 71^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow M2_{-20}(\downarrow m7_{+20})^{1}} = (1) + \uparrow m7_{+20}(\downarrow M2_{-20})$

$14769 = 3^{3}\bullet 547^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow m2_{+14}(\downarrow M7_{-14})^{1}} = (1) + \uparrow m7_{+20}(\downarrow M2_{-20})$

$14770 = 2^{1}\bullet 5^{1}\bullet 7^{1}\bullet 211^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M6_{-35}(\downarrow m3_{+35})^{1}} = (1) + \uparrow m7_{+20}(\downarrow M2_{-20})$

$14771 = 14771^{1} = \mathbf{(1) + \uparrow m7_{+21}(\downarrow M2_{-21})}$

$14772 = 2^{2}\bullet 3^{1}\bullet 1231^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m3_{+19}(\downarrow M6_{-19})^{1}} = (1) + \uparrow m7_{+21}(\downarrow M2_{-21})$

$14773 = 11^{1}\bullet 17^{1}\bullet 79^{1} = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow M3_{-35}(\downarrow m6_{+35})^{1}} = (1) + \uparrow m7_{+21}(\downarrow M2_{-21})$

$14774 = 2^{1}\bullet 83^{1}\bullet 89^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P4_{-50}(\downarrow P5_{+50})^{1} + \uparrow tt_{-29}(\downarrow tt_{+29})^{1}} = (1) + \uparrow m7_{+21}(\downarrow M2_{-21})$

$14775 = 3^{1}\bullet 5^{2}\bullet 197^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow P5_{+46}(\downarrow P4_{-46})^{1}} = (1) + \uparrow m7_{+21}(\downarrow M2_{-21})$

$14776 = 2^{3}\bullet 1847^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow m7_{+21}(\downarrow M2_{-21})^{1}} = (1) + \uparrow m7_{+21}(\downarrow M2_{-21})$

$14777 = 7^{1}\bullet 2111^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m2_{-48}(\downarrow M7_{+48})^{1}} = (1) + \uparrow m7_{+21}(\downarrow M2_{-21})$

$14778 = 2^{1}\bullet 3^{2}\bullet 821^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m6_{+17}(\downarrow M3_{-17})^{1}} = (1) + \uparrow m7_{+21}(\downarrow M2_{-21})$

$14779 = 14779^{1} = \mathbf{(1) + \uparrow m7_{+22}(\downarrow M2_{-22})}$

$14780 = 2^{2}\bullet 5^{1}\bullet 739^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{+35}(\downarrow tt_{-35})^{1}} = (1) + \uparrow m7_{+22}(\downarrow M2_{-22})$

$14781 = 3^{1}\bullet 13^{1}\bullet 379^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow P5_{-21}(\downarrow P4_{+21})^{1}} = (1) + \uparrow m7_{+22}(\downarrow M2_{-22})$

$14782 = 2^{1}\bullet 19^{1}\bullet 389^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow P5_{+24}(\downarrow P4_{-24})^{1}} = (1) + \uparrow m7_{+22}(\downarrow M2_{-22})$

$14783 = 14783^{1} = \mathbf{(1) + \uparrow m7_{+22}(\downarrow M2_{-22})}$

$14784 = 2^{6}\bullet 3^{1}\bullet 7^{1}\bullet 11^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{6} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1}} = (1) + \uparrow m7_{+22}(\downarrow M2_{-22})$

$14785 = 5^{1}\bullet 2957^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{+36}(\downarrow tt_{-36})^{1}} = (1) + \uparrow m7_{+22}(\downarrow M2_{-22})$

$14786 = 2^{1}\bullet 7393^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{+22}(\downarrow M2_{-22})^{1}} = (1) + \uparrow m7_{+22}(\downarrow M2_{-22})$

$14787 = 3^{2}\bullet 31^{1}\bullet 53^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1} + \uparrow M6_{-26}(\downarrow m3_{+26})^{1}} = (1) + \uparrow m7_{+22}(\downarrow M2_{-22})$

$14788 = 2^{2}\bullet 3697^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m7_{+23}(\downarrow M2_{-23})^{1}} = (1) + \uparrow m7_{+23}(\downarrow M2_{-23})$

$14789 = 23^{1}\bullet 643^{1} = \mathbf{(1) + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow M3_{-6}(\downarrow m6_{+6})^{1}} = (1) + \uparrow m7_{+23}(\downarrow M2_{-23})$

$14790 = 2^{1}\bullet 3^{1}\bullet 5^{1}\bullet 17^{1}\bullet 29^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1}} =$
$(1) + \uparrow m7_{+23}(\downarrow M2_{-23})$

$14791 = 7^{1}\bullet 2113^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m2_{-46}(\downarrow M7_{+46})^{1}} = (1) + \uparrow m7_{+23}(\downarrow M2_{-23})$

$14792 = 2^{3}\bullet 43^{2} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P4_{+12}(\downarrow P5_{-12})^{2}} = (1) + \uparrow m7_{+23}(\downarrow M2_{-23})$

$14793 = 3^{1}\bullet 4931^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m3_{+21}(\downarrow M6_{-21})^{1}} = (1) + \uparrow m7_{+23}(\downarrow M2_{-23})$

$14794 = 2^{1}\bullet 13^{1}\bullet 569^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow M2_{-17}(\downarrow m7_{+17})^{1}} = (1) + \uparrow m7_{+23}(\downarrow M2_{-23})$

$14795 = 5^{1}\bullet 11^{1}\bullet 269^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m2_{-14}(\downarrow M7_{+14})^{1}} = (1) + \uparrow m7_{+23}(\downarrow M2_{-23})$

$14796 = 2^{2}\bullet 3^{3}\bullet 137^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow m2_{+18}(\downarrow M7_{-18})^{1}} = (1) + \uparrow m7_{+24}(\downarrow M2_{-24})$

$14797 = 14797^{1} = \mathbf{(1) + \uparrow m7_{+24}(\downarrow M2_{-24})}$

$14798 = 2^{1}\bullet 7^{2}\bullet 151^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{2} + \uparrow m3_{-14}(\downarrow M6_{+14})^{1}} = (1) + \uparrow m7_{+24}(\downarrow M2_{-24})$

$14799 = 3^{1}\bullet 4933^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m3_{+22}(\downarrow M6_{-22})^{1}} = (1) + \uparrow m7_{+24}(\downarrow M2_{-24})$

$14800 = 2^{4}\bullet 5^{2}\bullet 37^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow m3_{-49}(\downarrow M6_{+49})^{1}} = (1) + \uparrow m7_{+24}(\downarrow M2_{-24})$

$14801 = 19^{2}\bullet 41^{1} = \mathbf{(1) + \uparrow m3_{-2}(\downarrow M6_{+2})^{2} + \uparrow M3_{+29}(\downarrow m6_{-29})^{1}} = (1) + \uparrow m7_{+24}(\downarrow M2_{-24})$

$14802 = 2^{1}\bullet 3^{1}\bullet 2467^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m3_{+22}(\downarrow M6_{-22})^{1}} = (1) + \uparrow m7_{+24}(\downarrow M2_{-24})$

$14803 = 113^{1}\bullet 131^{1} = \mathbf{(1) + \uparrow m7_{-16}(\downarrow M2_{+16})^{1} + \uparrow uni_{+40}(\downarrow 8ve_{-40})^{1}} = (1) + \uparrow m7_{+24}(\downarrow M2_{-24})$

$14804 = 2^{2}\bullet 3701^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m7_{+24}(\downarrow M2_{-24})^{1}} = (1) + \uparrow m7_{+24}(\downarrow M2_{-24})$

$14805 = 3^{2}\bullet 5^{1}\bullet 7^{1}\bullet 47^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow P5_{-34}(\downarrow P4_{+34})^{1}} = (1) + \uparrow m7_{+25}(\downarrow M2_{-25})$

$14806 = 2^{1}\bullet 11^{1}\bullet 673^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow P4_{-27}(\downarrow P5_{+27})^{1}} = (1) + \uparrow m7_{+25}(\downarrow M2_{-25})$

$14807 = 13^{1}\bullet 17^{1}\bullet 67^{1} = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow m2_{-21}(\downarrow M7_{+21})^{1}} = (1) + \uparrow m7_{+25}(\downarrow M2_{-25})$

$14808 = 2^{3}\bullet 3^{1}\bullet 617^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m3_{+23}(\downarrow M6_{-23})^{1}} = (1) + \uparrow m7_{+25}(\downarrow M2_{-25})$

$14809 = 59^{1}\bullet 251^{1} = \mathbf{(1) + \uparrow M7_{-41}(\downarrow m2_{+41})^{1} + \uparrow 8ve_{-34}(\downarrow uni_{+34})^{1}} = (1) + \uparrow m7_{+25}(\downarrow M2_{-25})$

$14810 = 2^{1}\bullet 5^{1}\bullet 1481^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{+39}(\downarrow tt_{-39})^{1}} = (1) + \uparrow m7_{+25}(\downarrow M2_{-25})$

$14811 = 3^{1}\bullet 4937^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m3_{+23}(\downarrow M6_{-23})^{1}} = (1) + \uparrow m7_{+25}(\downarrow M2_{-25})$

$14812 = 2^{2}\bullet 7^{1}\bullet 23^{2} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{2}} = (1) + \uparrow m7_{+25}(\downarrow M2_{-25})$

$14813 = 14813^{1} = \mathbf{(1) + \uparrow m7_{+25}(\downarrow M2_{-25})}$

$14814 = 2^{1}\bullet 3^{2}\bullet 823^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m6_{+22}(\downarrow M3_{-22})^{1}} = (1) + \uparrow m7_{+26}(\downarrow M2_{-26})$

$14815 = 5^{1}\bullet 2963^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{+39}(\downarrow tt_{-39})^{1}} = (1) + \uparrow m7_{+26}(\downarrow M2_{-26})$

$14816 = 2^{5}\bullet 463^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{5} + \uparrow m7_{+26}(\downarrow M2_{-26})^{1}} = (1) + \uparrow m7_{+26}(\downarrow M2_{-26})$

$14817 = 3^{1}\bullet 11^{1}\bullet 449^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m7_{-27}(\downarrow M2_{+27})^{1}} = (1) + \uparrow m7_{+26}(\downarrow M2_{-26})$

$14818 = 2^{1}\bullet 31^{1}\bullet 239^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1} + \uparrow M7_{-19}(\downarrow m2_{+19})^{1}} = (1) + \uparrow m7_{+26}(\downarrow M2_{-26})$

$14819 = 7^{1}\bullet 29^{1}\bullet 73^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1} + \uparrow M2_{+28}(\downarrow m7_{-28})^{1}} = (1) + \uparrow m7_{+26}(\downarrow M2_{-26})$

$14820 = 2^{2}\bullet 3^{1}\bullet 5^{1}\bullet 13^{1}\bullet 19^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1}} =$

$(1) + \uparrow m7_{+26}(\downarrow M2_{-26})$

$14821 = 14821^{1} = \mathbf{(1) + \uparrow m7_{+26}(\downarrow M2_{-26})}$

$14822 = 2^{1}\bullet 7411^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{+27}(\downarrow M2_{-27})^{1}} = (1) + \uparrow m7_{+27}(\downarrow M2_{-27})$

$14823 = 3^{5}\bullet 61^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{5} + \uparrow M7_{+17}(\downarrow m2_{-17})^{1}} = (1) + \uparrow m7_{+27}(\downarrow M2_{-27})$

$14824 = 2^{3}\bullet 17^{1}\bullet 109^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow M6_{+22}(\downarrow m3_{-22})^{1}} = (1) + \uparrow m7_{+27}(\downarrow M2_{-27})$

$14825 = 5^{2}\bullet 593^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow m3_{-46}(\downarrow M6_{+46})^{1}} = (1) + \uparrow m7_{+27}(\downarrow M2_{-27})$

$14826 = 2^{1}\bullet 3^{1}\bullet 7^{1}\bullet 353^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow tt_{-44}(\downarrow tt_{+44})^{1}} = (1) + \uparrow m7_{+27}(\downarrow M2_{-27})$

$14827 = 14827^{1} = \mathbf{(1) + \uparrow m7_{+27}(\downarrow M2_{-27})}$

$14828 = 2^{2}\bullet 11^{1}\bullet 337^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow P4_{-24}(\downarrow P5_{+24})^{1}} = (1) + \uparrow m7_{+27}(\downarrow M2_{-27})$

$14829 = 3^{1}\bullet 4943^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m3_{+25}(\downarrow M6_{-25})^{1}} = (1) + \uparrow m7_{+27}(\downarrow M2_{-27})$

$14830 = 2^{1}\bullet 5^{1}\bullet 1483^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{+41}(\downarrow tt_{-41})^{1}} = (1) + \uparrow m7_{+27}(\downarrow M2_{-27})$

$14831 = 14831^{1} = \mathbf{(1) + \uparrow m7_{+28}(\downarrow M2_{-28})}$

$14832 = 2^{4}\bullet 3^{2}\bullet 103^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m6_{+24}(\downarrow M3_{-24})^{1}} = (1) + \uparrow m7_{+28}(\downarrow M2_{-28})$

$14833 = 7^{1}\bullet 13^{1}\bullet 163^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow M3_{+18}(\downarrow m6_{-18})^{1}} = (1) + \uparrow m7_{+28}(\downarrow M2_{-28})$

$14834 = 2^{1}\bullet 7417^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{+28}(\downarrow M2_{-28})^{1}} = (1) + \uparrow m7_{+28}(\downarrow M2_{-28})$

$14835 = 3^{1}\bullet 5^{1}\bullet 23^{1}\bullet 43^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow P4_{+12}(\downarrow P5_{-12})^{1}} = (1) + \uparrow m7_{+28}(\downarrow M2_{-28})$

$14836 = 2^{2}\bullet 3709^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m7_{+28}(\downarrow M2_{-28})^{1}} = (1) + \uparrow m7_{+28}(\downarrow M2_{-28})$

$14837 = 37^{1}\bullet 401^{1} = \mathbf{(1) + \uparrow m3_{-49}(\downarrow M6_{+49})^{1} + \uparrow m6_{-23}(\downarrow M3_{+23})^{1}} = (1) + \uparrow m7_{+28}(\downarrow M2_{-28})$

$14838 = 2^{1}\bullet 3^{1}\bullet 2473^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m3_{+26}(\downarrow M6_{-26})^{1}} = (1) + \uparrow m7_{+28}(\downarrow M2_{-28})$

$14839 = 11^{1}\bullet 19^{1}\bullet 71^{1} = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow M2_{-20}(\downarrow m7_{+20})^{1}} = (1) + \uparrow m7_{+29}(\downarrow M2_{-29})$

$14840 = 2^{3}\bullet 5^{1}\bullet 7^{1}\bullet 53^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M6_{-26}(\downarrow m3_{+26})^{1}} = (1) + \uparrow m7_{+29}(\downarrow M2_{-29})$

$14841 = 3^{2}\bullet 17^{1}\bullet 97^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow P5_{+20}(\downarrow P4_{-20})^{1}} = (1) + \uparrow m7_{+29}(\downarrow M2_{-29})$

$14842 = 2^{1}\bullet 41^{1}\bullet 181^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{+29}(\downarrow m6_{-29})^{1} + \uparrow tt_{+0}(\downarrow tt_{-0})^{1}} = (1) + \uparrow m7_{+29}(\downarrow M2_{-29})$

$14843 = 14843^{1} = \mathbf{(1) + \uparrow m7_{+29}(\downarrow M2_{-29})}$

$14844 = 2^{2}\bullet 3^{1}\bullet 1237^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m3_{+27}(\downarrow M6_{-27})^{1}} = (1) + \uparrow m7_{+29}(\downarrow M2_{-29})$

$14845 = 5^{1}\bullet 2969^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{+43}(\downarrow tt_{-43})^{1}} = (1) + \uparrow m7_{+29}(\downarrow M2_{-29})$

$14846 = 2^{1}\bullet 13^{1}\bullet 571^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow M2_{-11}(\downarrow m7_{+11})^{1}} = (1) + \uparrow m7_{+29}(\downarrow M2_{-29})$

$14847 = 3^{1}\bullet 7^{2}\bullet 101^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{2} + \uparrow m6_{-10}(\downarrow M3_{+10})^{1}} = (1) + \uparrow m7_{+29}(\downarrow M2_{-29})$

$14848 = 2^{9}\bullet 29^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{9} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1}} = (1) + \uparrow m7_{+30}(\downarrow M2_{-30})$

$14849 = 31^{1}\bullet 479^{1} = \mathbf{(1) + \uparrow M7_{+45}(\downarrow m2_{-45})^{1} + \uparrow M7_{-15}(\downarrow m2_{+15})^{1}} = (1) + \uparrow m7_{+30}(\downarrow M2_{-30})$

$14850 = 2^{1}\bullet 3^{3}\bullet 5^{2}\bullet 11^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1}} = (1) + \uparrow m7_{+30}(\downarrow M2_{-30})$

$14851 = 14851^{1} = \mathbf{(1) + \uparrow m7_{+30}(\downarrow M2_{-30})}$

$14852 = 2^{2}\bullet 47^{1}\bullet 79^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{-34}(\downarrow P4_{+34})^{1} + \uparrow M3_{-35}(\downarrow m6_{+35})^{1}} = (1) + \uparrow m7_{+30}(\downarrow M2_{-30})$

$14853 = 3^{1}\bullet 4951^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m3_{+28}(\downarrow M6_{-28})^{1}} = (1) + \uparrow m7_{+30}(\downarrow M2_{-30})$

$14854 = 2^{1}\bullet 7^{1}\bullet 1061^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m2_{-39}(\downarrow M7_{+39})^{1}} = (1) + \uparrow m7_{+30}(\downarrow M2_{-30})$

$14855 = 5^{1}\bullet 2971^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{+44}(\downarrow tt_{-44})^{1}} = (1) + \uparrow m7_{+30}(\downarrow M2_{-30})$

$14856 = 2^{3}\bullet 3^{1}\bullet 619^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m3_{+29}(\downarrow M6_{-29})^{1}} = (1) + \uparrow m7_{+31}(\downarrow M2_{-31})$

$14857 = 83^{1}\bullet 179^{1} = \mathbf{(1) + \uparrow P4_{-50}(\downarrow P5_{+50})^{1} + \uparrow tt_{-19}(\downarrow tt_{+19})^{1}} = (1) + \uparrow m7_{+31}(\downarrow M2_{-31})$

$14858 = 2^{1}\bullet 17^{1}\bullet 19^{1}\bullet 23^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1}} = (1) + \uparrow m7_{+31}(\downarrow M2_{-31})$

$14859 = 3^{2}\bullet13^{1}\bullet127^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow 8ve_{-14}(\downarrow uni_{+14})^{1}} = (1) + \uparrow m7_{+31}(\downarrow M2_{-31})$

$14860 = 2^{2}\bullet5^{1}\bullet743^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{+45}(\downarrow tt_{-45})^{1}} = (1) + \uparrow m7_{+31}(\downarrow M2_{-31})$

$14861 = 7^{1}\bullet11^{1}\bullet193^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow P5_{+11}(\downarrow P4_{-11})^{1}} = (1) + \uparrow m7_{+31}(\downarrow M2_{-31})$

$14862 = 2^{1}\bullet3^{1}\bullet2477^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m3_{+29}(\downarrow M6_{-29})^{1}} = (1) + \uparrow m7_{+31}(\downarrow M2_{-31})$

$14863 = 89^{1}\bullet167^{1} = \mathbf{(1) + \uparrow tt_{-29}(\downarrow tt_{+29})^{1} + \uparrow P4_{-40}(\downarrow P5_{+40})^{1}} = (1) + \uparrow m7_{+31}(\downarrow M2_{-31})$

$14864 = 2^{4}\bullet929^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow m7_{+31}(\downarrow M2_{-31})^{1}} = (1) + \uparrow m7_{+31}(\downarrow M2_{-31})$

$14865 = 3^{1}\bullet5^{1}\bullet991^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M7_{+43}(\downarrow m2_{-43})^{1}} = (1) + \uparrow m7_{+32}(\downarrow M2_{-32})$

$14866 = 2^{1}\bullet7433^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{+32}(\downarrow M2_{-32})^{1}} = (1) + \uparrow m7_{+32}(\downarrow M2_{-32})$

$14867 = 14867^{1} = \mathbf{(1) + \uparrow m7_{+32}(\downarrow M2_{-32})}$

$14868 = 2^{2}\bullet3^{2}\bullet7^{1}\bullet59^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M7_{-41}(\downarrow m2_{+41})^{1}} = (1) + \uparrow m7_{+32}(\downarrow M2_{-32})$

$14869 = 14869^{1} = \mathbf{(1) + \uparrow m7_{+32}(\downarrow M2_{-32})}$

$14870 = 2^{1}\bullet5^{1}\bullet1487^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{+46}(\downarrow tt_{-46})^{1}} = (1) + \uparrow m7_{+32}(\downarrow M2_{-32})$

$14871 = 3^{1}\bullet4957^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m3_{+30}(\downarrow M6_{-30})^{1}} = (1) + \uparrow m7_{+32}(\downarrow M2_{-32})$

$14872 = 2^{3}\bullet11^{1}\bullet13^{2} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{2}} = (1) + \uparrow m7_{+32}(\downarrow M2_{-32})$

$14873 = 107^{1}\bullet139^{1} = \mathbf{(1) + \uparrow M6_{-10}(\downarrow m3_{+10})^{1} + \uparrow m2_{+43}(\downarrow M7_{-43})^{1}} = (1) + \uparrow m7_{+32}(\downarrow M2_{-32})$

$14874 = 2^{1}\bullet3^{1}\bullet37^{1}\bullet67^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m3_{-49}(\downarrow M6_{+49})^{1} + \uparrow m2_{-21}(\downarrow M7_{+21})^{1}} = (1) + \uparrow m7_{+33}(\downarrow M2_{-33})$

$14875 = 5^{3}\bullet7^{1}\bullet17^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{3} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1}} = (1) + \uparrow m7_{+33}(\downarrow M2_{-33})$

$14876 = 2^{2}\bullet3719^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m7_{+33}(\downarrow M2_{-33})^{1}} = (1) + \uparrow m7_{+33}(\downarrow M2_{-33})$

$14877 = 3^{3}\bullet19^{1}\bullet29^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1}} = (1) + \uparrow m7_{+33}(\downarrow M2_{-33})$

$14878 = 2^{1}\bullet43^{1}\bullet173^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P4_{+12}(\downarrow P5_{-12})^{1} + \uparrow P4_{+22}(\downarrow P5_{-22})^{1}} = (1) + \uparrow m7_{+33}(\downarrow M2_{-33})$

$14879 = 14879^{1} = \mathbf{(1) + \uparrow m7_{+33}(\downarrow M2_{-33})}$

$14880 = 2^{5}\bullet3^{1}\bullet5^{1}\bullet31^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{5} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1}} = (1) + \uparrow m7_{+33}(\downarrow M2_{-33})$

$14881 = 23^{1}\bullet647^{1} = \mathbf{(1) + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow M3_{+5}(\downarrow m6_{-5})^{1}} = (1) + \uparrow m7_{+33}(\downarrow M2_{-33})$

$14882 = 2^{1}\bullet7^{1}\bullet1063^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m2_{-35}(\downarrow M7_{+35})^{1}} = (1) + \uparrow m7_{+34}(\downarrow M2_{-34})$

$14883 = 3^{1}\bullet11^{2}\bullet41^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{2} + \uparrow M3_{+29}(\downarrow m6_{-29})^{1}} = (1) + \uparrow m7_{+34}(\downarrow M2_{-34})$

$14884 = 2^{2}\bullet61^{2} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M7_{+17}(\downarrow m2_{-17})^{2}} = (1) + \uparrow m7_{+34}(\downarrow M2_{-34})$

$14885 = 5^{1}\bullet13^{1}\bullet229^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m7_{+7}(\downarrow M2_{-7})^{1}} = (1) + \uparrow m7_{+34}(\downarrow M2_{-34})$

$14886 = 2^{1}\bullet3^{2}\bullet827^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m6_{+30}(\downarrow M3_{-30})^{1}} = (1) + \uparrow m7_{+34}(\downarrow M2_{-34})$

$14887 = 14887^{1} = \mathbf{(1) + \uparrow m7_{+34}(\downarrow M2_{-34})}$

$14888 = 2^{3}\bullet1861^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow m7_{+34}(\downarrow M2_{-34})^{1}} = (1) + \uparrow m7_{+34}(\downarrow M2_{-34})$

$14889 = 3^{1}\bullet7^{1}\bullet709^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow tt_{-36}(\downarrow tt_{+36})^{1}} = (1) + \uparrow m7_{+34}(\downarrow M2_{-34})$

$14890 = 2^{1}\bullet5^{1}\bullet1489^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{+48}(\downarrow tt_{-48})^{1}} = (1) + \uparrow m7_{+34}(\downarrow M2_{-34})$

$14891 = 14891^{1} = \mathbf{(1) + \uparrow m7_{+35}(\downarrow M2_{-35})}$

$14892 = 2^{2}\bullet3^{1}\bullet17^{1}\bullet73^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow M2_{+28}(\downarrow m7_{-28})^{1}} = (1) + \uparrow m7_{+35}(\downarrow M2_{-35})$

$14893 = 53^{1}\bullet281^{1} = \mathbf{(1) + \uparrow M6_{-26}(\downarrow m3_{+26})^{1} + \uparrow M2_{-39}(\downarrow m7_{+39})^{1}} = (1) + \uparrow m7_{+35}(\downarrow M2_{-35})$

$14894 = 2^{1}\bullet11^{1}\bullet677^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow P4_{-16}(\downarrow P5_{+16})^{1}} = (1) + \uparrow m7_{+35}(\downarrow M2_{-35})$

$14895 = 3^{2}\bullet5^{1}\bullet331^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M3_{+45}(\downarrow m6_{-45})^{1}} = (1) + \uparrow m7_{+35}(\downarrow M2_{-35})$

$14896 = 2^{4}\bullet7^{2}\bullet19^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow m7_{-31}(\downarrow M2_{+31})^{2} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1}} = (1) + \uparrow m7_{+35}(\downarrow M2_{-35})$

$14897 = 14897^{1} = \mathbf{(1) + \uparrow m7_{+35}(\downarrow M2_{-35})}$

$14898 = 2^{1}\bullet3^{1}\bullet13^{1}\bullet191^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow P5_{-7}(\downarrow P4_{+7})^{1}} = (1) + \uparrow m7_{+35}(\downarrow M2_{-35})$

$14899 = 47^{1}\bullet317^{1} = \mathbf{(1) + \uparrow P5_{-34}(\downarrow P4_{+34})^{1} + \uparrow M3_{-30}(\downarrow m6_{+30})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$14900 = 2^{2}\bullet5^{2}\bullet149^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow m3_{-37}(\downarrow M6_{+37})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$14901 = 3^{1}\bullet 4967^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m3_{+34}(\downarrow M6_{-34})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$14902 = 2^{1}\bullet 7451^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{+36}(\downarrow M2_{-36})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$14903 = 7^{1}\bullet 2129^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m2_{-33}(\downarrow M7_{+33})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$14904 = 2^{3}\bullet 3^{4}\bullet 23^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{+2}(\downarrow P4_{-2})^{4} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$14905 = 5^{1}\bullet 11^{1}\bullet 271^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m2_{-1}(\downarrow M7_{+1})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$14906 = 2^{1}\bullet 29^{1}\bullet 257^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1} + \uparrow uni_{+7}(\downarrow 8ve_{-7})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$14907 = 3^{1}\bullet 4969^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m3_{+34}(\downarrow M6_{-34})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$14908 = 2^{2}\bullet 3727^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m7_{+37}(\downarrow M2_{-37})^{1}} = (1) + \uparrow m7_{+37}(\downarrow M2_{-37})$

$14909 = 17^{1}\bullet 877^{1} = \mathbf{(1) + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow M6_{+32}(\downarrow m3_{-32})^{1}} = (1) + \uparrow m7_{+37}(\downarrow M2_{-37})$

$14910 = 2^{1}\bullet 3^{1}\bullet 5^{1}\bullet 7^{1}\bullet 71^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M2_{-20}(\downarrow m7_{+20})^{1}} =$
$(1) + \uparrow m7_{+37}(\downarrow M2_{-37})$

$14911 = 13^{1}\bullet 31^{1}\bullet 37^{1} = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1} + \uparrow m3_{-49}(\downarrow M6_{+49})^{1}} = (1) + \uparrow m7_{+37}(\downarrow M2_{-37})$

$14912 = 2^{6}\bullet 233^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{6} + \uparrow m7_{+37}(\downarrow M2_{-37})^{1}} = (1) + \uparrow m7_{+37}(\downarrow M2_{-37})$

$14913 = 3^{2}\bullet 1657^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m6_{+33}(\downarrow M3_{-33})^{1}} = (1) + \uparrow m7_{+37}(\downarrow M2_{-37})$

$14914 = 2^{1}\bullet 7457^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{+37}(\downarrow M2_{-37})^{1}} = (1) + \uparrow m7_{+37}(\downarrow M2_{-37})$

$14915 = 5^{1}\bullet 19^{1}\bullet 157^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow M3_{-46}(\downarrow m6_{+46})^{1}} = (1) + \uparrow m7_{+37}(\downarrow M2_{-37})$

$14916 = 2^{2}\bullet 3^{1}\bullet 11^{1}\bullet 113^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m7_{-16}(\downarrow M2_{+16})^{1}} = (1) + \uparrow m7_{+37}(\downarrow M2_{-37})$

$14917 = 7^{1}\bullet 2131^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m2_{-31}(\downarrow M7_{+31})^{1}} = (1) + \uparrow m7_{+38}(\downarrow M2_{-38})$

$14918 = 2^{1}\bullet 7459^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{+38}(\downarrow M2_{-38})^{1}} = (1) + \uparrow m7_{+38}(\downarrow M2_{-38})$

$14919 = 3^{1}\bullet 4973^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m3_{+36}(\downarrow M6_{-36})^{1}} = (1) + \uparrow m7_{+38}(\downarrow M2_{-38})$

$14920 = 2^{3}\bullet 5^{1}\bullet 373^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow P5_{-48}(\downarrow P4_{+48})^{1}} = (1) + \uparrow m7_{+38}(\downarrow M2_{-38})$

$14921 = 43^{1}\bullet 347^{1} = \mathbf{(1) + \uparrow P4_{+12}(\downarrow P5_{-12})^{1} + \uparrow P4_{+27}(\downarrow P5_{-27})^{1}} = (1) + \uparrow m7_{+38}(\downarrow M2_{-38})$

$14922 = 2^{1}\bullet 3^{2}\bullet 829^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m6_{+34}(\downarrow M3_{-34})^{1}} = (1) + \uparrow m7_{+38}(\downarrow M2_{-38})$

$14923 = 14923^{1} = \mathbf{(1) + \uparrow m7_{+38}(\downarrow M2_{-38})}$

$14924 = 2^{2}\bullet 7^{1}\bullet 13^{1}\bullet 41^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow M3_{+29}(\downarrow m6_{-29})^{1}} = (1) + \uparrow m7_{+38}(\downarrow M2_{-38})$

$14925 = 3^{1}\bullet 5^{2}\bullet 199^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow m6_{-36}(\downarrow M3_{+36})^{1}} = (1) + \uparrow m7_{+39}(\downarrow M2_{-39})$

$14926 = 2^{1}\bullet 17^{1}\bullet 439^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow M6_{+34}(\downarrow m3_{-34})^{1}} = (1) + \uparrow m7_{+39}(\downarrow M2_{-39})$

$14927 = 11^{1}\bullet 23^{1}\bullet 59^{1} = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow M7_{-41}(\downarrow m2_{+41})^{1}} = (1) + \uparrow m7_{+39}(\downarrow M2_{-39})$

$14928 = 2^{4}\bullet 3^{1}\bullet 311^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m3_{+37}(\downarrow M6_{-37})^{1}} = (1) + \uparrow m7_{+39}(\downarrow M2_{-39})$

$14929 = 14929^{1} = \mathbf{(1) + \uparrow m7_{+39}(\downarrow M2_{-39})}$

$14930 = 2^{1}\bullet 5^{1}\bullet 1493^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow P5_{-47}(\downarrow P4_{+47})^{1}} = (1) + \uparrow m7_{+39}(\downarrow M2_{-39})$

$14931 = 3^{3}\bullet 7^{1}\bullet 79^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M3_{-35}(\downarrow m6_{+35})^{1}} = (1) + \uparrow m7_{+39}(\downarrow M2_{-39})$

$14932 = 2^{2}\bullet 3733^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m7_{+39}(\downarrow M2_{-39})^{1}} = (1) + \uparrow m7_{+39}(\downarrow M2_{-39})$

$14933 = 109^{1}\bullet 137^{1} = \mathbf{(1) + \uparrow M6_{+22}(\downarrow m3_{-22})^{1} + \uparrow m2_{+18}(\downarrow M7_{-18})^{1}} = (1) + \uparrow m7_{+39}(\downarrow M2_{-39})$

$14934 = 2^{1}\bullet 3^{1}\bullet 19^{1}\bullet 131^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow uni_{+40}(\downarrow 8ve_{-40})^{1}} = (1) + \uparrow m7_{+40}(\downarrow M2_{-40})$

$14935 = 5^{1}\bullet 29^{1}\bullet 103^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1} + \uparrow m6_{+24}(\downarrow M3_{-24})^{1}} = (1) + \uparrow m7_{+40}(\downarrow M2_{-40})$

$14936 = 2^{3}\bullet 1867^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow m7_{+40}(\downarrow M2_{-40})^{1}} = (1) + \uparrow m7_{+40}(\downarrow M2_{-40})$

$14937 = 3^{1}\bullet 13^{1}\bullet 383^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow P5_{-3}(\downarrow P4_{+3})^{1}} = (1) + \uparrow m7_{+40}(\downarrow M2_{-40})$

$14938 = 2^{1}\bullet 7^{1}\bullet 11^{1}\bullet 97^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow P5_{+20}(\downarrow P4_{-20})^{1}} = (1) + \uparrow m7_{+40}(\downarrow M2_{-40})$

$14939 = 14939^{1} = \mathbf{(1) + \uparrow m7_{+40}(\downarrow M2_{-40})}$

$14940 = 2^{2}\bullet 3^{2}\bullet 5^{1}\bullet 83^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow P4_{-50}(\downarrow P5_{+50})^{1}} = (1) + \uparrow m7_{+40}(\downarrow M2_{-40})$

$14941 = 67^{1}\bullet 223^{1} = \mathbf{(1) + \uparrow m2_{-21}(\downarrow M7_{+21})^{1} + \uparrow m7_{-39}(\downarrow M2_{+39})^{1}} = (1) + \uparrow m7_{+40}(\downarrow M2_{-40})$

$14942 = 2^{1}\bullet 31^{1}\bullet 241^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1} + \uparrow M7_{-5}(\downarrow m2_{+5})^{1}} = (1) + \uparrow m7_{+41}(\downarrow M2_{-41})$

$14943 = 3^{1}\bullet 17^{1}\bullet 293^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow M2_{+34}(\downarrow m7_{-34})^{1}} = (1) + \uparrow m7_{+41}(\downarrow M2_{-41})$

$14944 = 2^{5}\bullet 467^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{5} + \uparrow m7_{+41}(\downarrow M2_{-41})^{1}} = (1) + \uparrow m7_{+41}(\downarrow M2_{-41})$

$14945 = 5^{1}\bullet 7^{2}\bullet 61^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{2} + \uparrow M7_{+17}(\downarrow m2_{-17})^{1}} = (1) + \uparrow m7_{+41}(\downarrow M2_{-41})$

$14946 = 2^{1}\bullet 3^{1}\bullet 47^{1}\bullet 53^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow P5_{-34}(\downarrow P4_{+34})^{1} + \uparrow M6_{-26}(\downarrow m3_{+26})^{1}} = (1) + \uparrow m7_{+41}(\downarrow M2_{-41})$

$14947 = 14947^{1} = \mathbf{(1) + \uparrow m7_{+41}(\downarrow M2_{-41})}$

$14948 = 2^{2}\bullet 37^{1}\bullet 101^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m3_{-49}(\downarrow M6_{+49})^{1} + \uparrow m6_{-10}(\downarrow M3_{+10})^{1}} = (1) + \uparrow m7_{+41}(\downarrow M2_{-41})$

$14949 = 3^{2}\bullet 11^{1}\bullet 151^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m3_{-14}(\downarrow M6_{+14})^{1}} = (1) + \uparrow m7_{+41}(\downarrow M2_{-41})$

$14950 = 2^{1}\bullet 5^{2}\bullet 13^{1}\bullet 23^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1}} = (1) + \uparrow m7_{+41}(\downarrow M2_{-41})$

$14951 = 14951^{1} = \mathbf{(1) + \uparrow m7_{+42}(\downarrow M2_{-42})}$

$14952 = 2^{3}\bullet 3^{1}\bullet 7^{1}\bullet 89^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow tt_{-29}(\downarrow tt_{+29})^{1}} = (1) + \uparrow m7_{+42}(\downarrow M2_{-42})$

$14953 = 19^{1}\bullet 787^{1} = \mathbf{(1) + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow P5_{+44}(\downarrow P4_{-44})^{1}} = (1) + \uparrow m7_{+42}(\downarrow M2_{-42})$

$14954 = 2^{1}\bullet 7477^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{+42}(\downarrow M2_{-42})^{1}} = (1) + \uparrow m7_{+42}(\downarrow M2_{-42})$

$14955 = 3^{1}\bullet 5^{1}\bullet 997^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow 8ve_{-46}(\downarrow uni_{+46})^{1}} = (1) + \uparrow m7_{+42}(\downarrow M2_{-42})$

$14956 = 2^{2}\bullet 3739^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m7_{+42}(\downarrow M2_{-42})^{1}} = (1) + \uparrow m7_{+42}(\downarrow M2_{-42})$

$14957 = 14957^{1} = \mathbf{(1) + \uparrow m7_{+42}(\downarrow M2_{-42})}$

$14958 = 2^{1}\bullet 3^{3}\bullet 277^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow m2_{+36}(\downarrow M7_{-36})^{1}} = (1) + \uparrow m7_{+42}(\downarrow M2_{-42})$

$14959 = 7^{1}\bullet 2137^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m2_{-26}(\downarrow M7_{+26})^{1}} = (1) + \uparrow m7_{+42}(\downarrow M2_{-42})$

$14960 = 2^{4}\bullet 5^{1}\bullet 11^{1}\bullet 17^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1}} = (1) + \uparrow m7_{+43}(\downarrow M2_{-43})$

$14961 = 3^{1}\bullet 4987^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m3_{+41}(\downarrow M6_{-41})^{1}} = (1) + \uparrow m7_{+43}(\downarrow M2_{-43})$

$14962 = 2^{1}\bullet 7481^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{+43}(\downarrow M2_{-43})^{1}} = (1) + \uparrow m7_{+43}(\downarrow M2_{-43})$

$14963 = 13^{1}\bullet 1151^{1} = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow M2_{+2}(\downarrow m7_{-2})^{1}} = (1) + \uparrow m7_{+43}(\downarrow M2_{-43})$

$14964 = 2^{2}\bullet 3^{1}\bullet 29^{1}\bullet 43^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1} + \uparrow P4_{+12}(\downarrow P5_{-12})^{1}} = (1) + \uparrow m7_{+43}(\downarrow M2_{-43})$

$14965 = 5^{1}\bullet 41^{1}\bullet 73^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M3_{+29}(\downarrow m6_{-29})^{1} + \uparrow M2_{+28}(\downarrow m7_{-28})^{1}} = (1) + \uparrow m7_{+43}(\downarrow M2_{-43})$

$14966 = 2^{1}\bullet 7^{1}\bullet 1069^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m2_{-26}(\downarrow M7_{+26})^{1}} = (1) + \uparrow m7_{+43}(\downarrow M2_{-43})$

$14967 = 3^{2}\bullet 1663^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m6_{+39}(\downarrow M3_{-39})^{1}} = (1) + \uparrow m7_{+43}(\downarrow M2_{-43})$

$14968 = 2^{3}\bullet 1871^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow m7_{+44}(\downarrow M2_{-44})^{1}} = (1) + \uparrow m7_{+44}(\downarrow M2_{-44})$

$14969 = 14969^{1} = \mathbf{(1) + \uparrow m7_{+44}(\downarrow M2_{-44})}$

$14970 = 2^{1}\bullet 3^{1}\bullet 5^{1}\bullet 499^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow 8ve_{-45}(\downarrow uni_{+45})^{1}} = (1) + \uparrow m7_{+44}(\downarrow M2_{-44})$

$14971 = 11^{1}\bullet 1361^{1} = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow P4_{-7}(\downarrow P5_{+7})^{1}} = (1) + \uparrow m7_{+44}(\downarrow M2_{-44})$

$14972 = 2^{2}\bullet 19^{1}\bullet 197^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow P5_{+46}(\downarrow P4_{-46})^{1}} = (1) + \uparrow m7_{+44}(\downarrow M2_{-44})$

$14973 = 3^{1}\bullet 7^{1}\bullet 23^{1}\bullet 31^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1}} = (1) + \uparrow m7_{+44}(\downarrow M2_{-44})$

$14974 = 2^{1}\bullet 7487^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{+44}(\downarrow M2_{-44})^{1}} = (1) + \uparrow m7_{+44}(\downarrow M2_{-44})$

$14975 = 5^{2}\bullet 599^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow m3_{-28}(\downarrow M6_{+28})^{1}} = (1) + \uparrow m7_{+44}(\downarrow M2_{-44})$

$14976 = 2^{7}\bullet 3^{2}\bullet 13^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{7} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1}} = (1) + \uparrow m7_{+44}(\downarrow M2_{-44})$

$14977 = 17^{1}\bullet 881^{1} = \mathbf{(1) + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow M6_{+40}(\downarrow m3_{-40})^{1}} = (1) + \uparrow m7_{+45}(\downarrow M2_{-45})$

$14978 = 2^{1}\bullet 7489^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{+45}(\downarrow M2_{-45})^{1}} = (1) + \uparrow m7_{+45}(\downarrow M2_{-45})$

$14979 = 3^{1}\bullet 4993^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m3_{+43}(\downarrow M6_{-43})^{1}} = (1) + \uparrow m7_{+45}(\downarrow M2_{-45})$

$14980 = 2^{2}\bullet 5^{1}\bullet 7^{1}\bullet 107^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M6_{-10}(\downarrow m3_{+10})^{1}} = (1) + \uparrow m7_{+45}(\downarrow M2_{-45})$

$14981 = 71^{1}\bullet 211^{1} = \mathbf{(1) + \uparrow M2_{-20}(\downarrow m7_{+20})^{1} + \uparrow M6_{-35}(\downarrow m3_{+35})^{1}} = (1) + \uparrow m7_{+45}(\downarrow M2_{-45})$

$14982 = 2^{1}\bullet 3^{1}\bullet 11^{1}\bullet 227^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m7_{-8}(\downarrow M2_{+8})^{1}} = (1) + \uparrow m7_{+45}(\downarrow M2_{-45})$

$14983 = 14983^{1} = \mathbf{(1) + \uparrow m7_{+45}(\downarrow M2_{-45})}$

$14984 = 2^{3}\bullet 1873^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow m7_{+45}(\downarrow M2_{-45})^{1}} = (1) + \uparrow m7_{+45}(\downarrow M2_{-45})$

$14985 = 3^{4}\bullet 5^{1}\bullet 37^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{4} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m3_{-49}(\downarrow M6_{+49})^{1}} = (1) + \uparrow m7_{+45}(\downarrow M2_{-45})$

$14986 = 2^{1}\bullet 59^{1}\bullet 127^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M7_{-41}(\downarrow m2_{+41})^{1} + \uparrow 8ve_{-14}(\downarrow uni_{+14})^{1}} = (1) + \uparrow m7_{+46}(\downarrow M2_{-46})$

$14987 = 7^{1}\bullet 2141^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m2_{-23}(\downarrow M7_{+23})^{1}} = (1) + \uparrow m7_{+46}(\downarrow M2_{-46})$

$14988 = 2^{2}\bullet 3^{1}\bullet 1249^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m3_{+44}(\downarrow M6_{-44})^{1}} = (1) + \uparrow m7_{+46}(\downarrow M2_{-46})$

$14989 = 13^{1}\bullet 1153^{1} = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow M2_{+5}(\downarrow m7_{-5})^{1}} = (1) + \uparrow m7_{+46}(\downarrow M2_{-46})$

$14990 = 2^{1}\bullet 5^{1}\bullet 1499^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow P5_{-40}(\downarrow P4_{+40})^{1}} = (1) + \uparrow m7_{+46}(\downarrow M2_{-46})$

$14991 = 3^{1}\bullet 19^{1}\bullet 263^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow uni_{+47}(\downarrow 8ve_{-47})^{1}} = (1) + \uparrow m7_{+46}(\downarrow M2_{-46})$

$14992 = 2^{4}\bullet 937^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow m7_{+46}(\downarrow M2_{-46})^{1}} = (1) + \uparrow m7_{+46}(\downarrow M2_{-46})$

$14993 = 11^{1}\bullet 29^{1}\bullet 47^{1} = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1} + \uparrow P5_{-34}(\downarrow P4_{+34})^{1}} = (1) + \uparrow m7_{+46}(\downarrow M2_{-46})$

$14994 = 2^{1}\bullet 3^{2}\bullet 7^{2}\bullet 17^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{2} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1}} = (1) + \uparrow m7_{+47}(\downarrow M2_{-47})$

$14995 = 5^{1}\bullet 2999^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow P5_{-40}(\downarrow P4_{+40})^{1}} = (1) + \uparrow m7_{+47}(\downarrow M2_{-47})$

$14996 = 2^{2}\bullet 23^{1}\bullet 163^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow M3_{+18}(\downarrow m6_{-18})^{1}} = (1) + \uparrow m7_{+47}(\downarrow M2_{-47})$

$14997 = 3^{1}\bullet 4999^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m3_{+45}(\downarrow M6_{-45})^{1}} = (1) + \uparrow m7_{+47}(\downarrow M2_{-47})$

$14998 = 2^{1}\bullet 7499^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{+47}(\downarrow M2_{-47})^{1}} = (1) + \uparrow m7_{+47}(\downarrow M2_{-47})$

$14999 = 53^{1}\bullet 283^{1} = \mathbf{(1) + \uparrow M6_{-26}(\downarrow m3_{+26})^{1} + \uparrow M2_{-26}(\downarrow m7_{+26})^{1}} = (1) + \uparrow m7_{+47}(\downarrow M2_{-47})$

$15000 = 2^{3}\bullet 3^{1}\bullet 5^{4} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{4}} = (1) + \uparrow m7_{+47}(\downarrow M2_{-47})$

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$1000000000000 = 2^{12}\bullet 5^{12} = \mathbf{(1) + \updownarrow 8ve(uni)^{12} + \uparrow M3_{-14}(\downarrow m6_{+14})^{12}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000001 = 73^{1}\bullet 137^{1}\bullet 99990001^{1} = \mathbf{(1) + \uparrow M2_{+28}(\downarrow m7_{-28})^{1} + \uparrow m2_{+18}(\downarrow M7_{-18})^{1} + \uparrow P5_{-10}(\downarrow P4_{+10})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000002 = 2^{1}\bullet 3^{1}\bullet 166666666667^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m3_{+34}(\downarrow M6_{-34})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000003 = 61^{1}\bullet 14221^{1}\bullet 1152763^{1} = \mathbf{(1) + \uparrow M7_{+17}(\downarrow m2_{-17})^{1} + \uparrow m7_{-45}(\downarrow M2_{+45})^{1} + \uparrow M2_{-36}(\downarrow m7_{+36})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000004 = 2^{2}\bullet 17^{1}\bullet 149^{1}\bullet 197^{1}\bullet 501001^{1} =$

$\mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow m3_{-37}(\downarrow M6_{+37})^{1} + \uparrow P5_{+46}(\downarrow P4_{-46})^{1} + \uparrow M7_{+21}(\downarrow m2_{-21})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000005 = 3^{1}\bullet 5^{1}\bullet 66666666667^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M7_{+47}(\downarrow m2_{-47})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000006 = 2^{1}\bullet 7^{1}\bullet 607^{1}\bullet 117674747^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m3_{-5}(\downarrow M6_{+5})^{1} + \uparrow m7_{-28}(\downarrow M2_{+28})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000007 = 34519^{1}\bullet 28969553^{1} = \mathbf{(1) + \uparrow m2_{-10}(\downarrow M7_{+10})^{1} + \uparrow M6_{+46}(\downarrow m3_{-46})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000008 = 2^{3}\bullet 3^{2}\bullet 1667^{1}\bullet 8331667^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m6_{+44}(\downarrow M3_{-44})^{1} + \uparrow 8ve_{-12}(\downarrow uni_{+12})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000009 = 29^{1}\bullet 66413^{1}\bullet 519217^{1} = \mathbf{(1) + \uparrow m7_{+30}(\downarrow M2_{-30})^{1} + \uparrow uni_{+23}(\downarrow 8ve_{-23})^{1} + \uparrow 8ve_{-17}(\downarrow uni_{+17})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000010 = 2^{1}\bullet 5^{1}\bullet 11^{2}\bullet 23^{1}\bullet 4093^{1}\bullet 8779^{1} =$

$\mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{2} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow 8ve_{-1}(\downarrow uni_{+1})^{1} + \uparrow m2_{+20}(\downarrow M7_{-20})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000011 = 3^{1}\bullet 269^{1}\bullet 5107^{1}\bullet 242639^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m2_{-14}(\downarrow M7_{+14})^{1} + \uparrow M3_{-18}(\downarrow m6_{+18})^{1} + \uparrow M7_{-34}(\downarrow m2_{+34})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000012 = 2^{2}\bullet 13^{1}\bullet 19^{1}\bullet 1012145749^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow M7_{-2}(\downarrow m2_{+2})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000013 = 7^{1}\bullet 142857142859^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m2_{-33}(\downarrow M7_{+33})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000014 = 2^{1}\bullet 3^{1}\bullet 166666666669^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m3_{+34}(\downarrow M6_{-34})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000015 = 5^{1}\bullet 47^{1}\bullet 1171^{1}\bullet 3633919^{1} =$

$\mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow P5_{-34}(\downarrow P4_{+34})^{1} + \uparrow M2_{+32}(\downarrow m7_{-32})^{1} + \uparrow m7_{-48}(\downarrow M2_{+48})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000016 = 2^{4}\bullet 13177^{1}\bullet 4743113^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow m6_{+23}(\downarrow M3_{-23})^{1} + \uparrow M2_{+13}(\downarrow m7_{-13})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000017 = 3^{2}\bullet 461^{1}\bullet 241021933^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m7_{+18}(\downarrow M2_{-18})^{1} + \uparrow m7_{+14}(\downarrow M2_{-14})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000018 = 2^{1}\bullet 39041^{1}\bullet 12807049^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m3_{+3}(\downarrow M6_{-3})^{1} + \uparrow P5_{+33}(\downarrow P4_{-33})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000019 = 1601^{1}\bullet 2593^{1}\bullet 240883^{1} = \mathbf{(1) + \uparrow m6_{-26}(\downarrow M3_{+26})^{1} + \uparrow M3_{+8}(\downarrow m6_{-8})^{1} + \uparrow M7_{-46}(\downarrow m2_{+46})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000020 = 2^{2}\bullet 3^{1}\bullet 5^{1}\bullet 7^{1}\bullet 1543^{1}\bullet 1543067^{1} =$

$\mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow P5_{+10}(\downarrow P4_{-10})^{1} + \uparrow P5_{-31}(\downarrow P4_{+31})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000021 = 11^{1}\bullet 17^{1}\bullet 12119^{1}\bullet 441257^{1} = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow P5_{-22}(\downarrow P4_{+22})^{1} + \uparrow M6_{+2}(\downarrow m3_{-2})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000022 = 2^{1}\bullet 43^{1}\bullet 93809^{1}\bullet 123953^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P4_{+12}(\downarrow P5_{-12})^{1} + \uparrow tt_{+21}(\downarrow tt_{-21})^{1} + \uparrow M7_{+3}(\downarrow m2_{-3})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000023 = 3^{1}\bullet 41^{1}\bullet 211^{1}\bullet 38531191^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{+29}(\downarrow m6_{-29})^{1} + \uparrow M6_{-35}(\downarrow m3_{+35})^{1} + \uparrow M2_{+39}(\downarrow m7_{-39})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000024 = 2^{3}\bullet 125000000003^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow m7_{+36}(\downarrow M2_{-36})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000025 = 5^{2}\bullet 13^{1}\bullet 3076923077^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow tt_{+23}(\downarrow tt_{-23})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000026 = 2^{1}\bullet 3^{3}\bullet 28211^{1}\bullet 656429^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow M6_{+41}(\downarrow m3_{-41})^{1} + \uparrow M3_{-11}(\downarrow m6_{+11})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000027 = 7^{1}\bullet 31^{1}\bullet 313^{1}\bullet 1429^{1}\bullet 10303^{1} =$

$\mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1} + \uparrow m3_{+48}(\downarrow M6_{-48})^{1} + \uparrow tt_{-23}(\downarrow tt_{+23})^{1} + \uparrow M3_{-3}(\downarrow m6_{+3})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000028 = 2^{2}\bullet 250000000007^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m7_{+36}(\downarrow M2_{-36})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000029 = 3^{1}\bullet 5881^{1}\bullet 56679703^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{+26}(\downarrow tt_{-26})^{1} + \uparrow M6_{+8}(\downarrow m3_{-8})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000030 = 2^{1}\bullet 5^{1}\bullet 100000000003^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{+49}(\downarrow tt_{-49})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000031 = 19^{1}\bullet 617^{1}\bullet 85302397^{1} = \mathbf{(1) + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow m3_{+23}(\downarrow M6_{-23})^{1} + \uparrow M3_{+15}(\downarrow m6_{-15})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000032 = 2^{5}\bullet 3^{1}\bullet 11^{1}\bullet 946969697^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{5} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m7_{-18}(\downarrow M2_{+18})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000033 = 23^{1}\bullet 173^{1}\bullet 4079^{1}\bullet 61613^{1} = \mathbf{(1) + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow P4_{+22}(\downarrow P5_{-22})^{1} + \uparrow 8ve_{-7}(\downarrow uni_{+7})^{1} + \uparrow M7_{-7}(\downarrow m2_{+7})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000034 = 2^{1}\bullet 7^{2}\bullet 983^{1}\bullet 10380551^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{2} + \uparrow M7_{+29}(\downarrow m2_{-29})^{1} + \uparrow M3_{-31}(\downarrow m6_{+31})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000035 = 3^{2}\bullet 5^{1}\bullet 22222222223^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M3_{+46}(\downarrow m6_{-46})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000036 = 2^{2}\bullet 37^{1}\bullet 22381^{1}\bullet 301897^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m3_{-49}(\downarrow M6_{+49})^{1} + \uparrow P4_{+40}(\downarrow P5_{-40})^{1} + \uparrow M2_{+44}(\downarrow m7_{-44})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000037 = 53^{1}\bullet 59^{1}\bullet 349^{1}\bullet 916319^{1} =$

$\mathbf{(1) + \uparrow M6_{-26}(\downarrow m3_{+26})^{1} + \uparrow M7_{-41}(\downarrow m2_{+41})^{1} + \uparrow P4_{+36}(\downarrow P5_{-36})^{1} + \uparrow m7_{-33}(\downarrow M2_{+33})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000038 = 2^{1}\bullet 3^{1}\bullet 13^{1}\bullet 17^{1}\bullet 29^{1}\bullet 26005097^{1} =$

$\mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1} + \uparrow m6_{-41}(\downarrow M3_{+41})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000039 = 1000000000039^{1} = \mathbf{(1) + \uparrow m7_{+36}(\downarrow M2_{-36})}$

$1000000000040 = 2^{3}\bullet 5^{1}\bullet 17573^{1}\bullet 1422637^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m2_{+21}(\downarrow M7_{-21})^{1} + \uparrow P4_{+28}(\downarrow P5_{-28})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000041 = 3^{1}\bullet 7^{1}\bullet 179^{1}\bullet 266028199^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow tt_{-19}(\downarrow tt_{+19})^{1} + \uparrow 8ve_{-16}(\downarrow uni_{+16})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000042 = 2^{1}\bullet 6299^{1}\bullet 79377679^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+45}(\downarrow P4_{-45})^{1} + \uparrow m3_{-9}(\downarrow M6_{+9})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000043 = 11^{1}\bullet 109^{1}\bullet 1907^{1}\bullet 437351^{1} =$

$\mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow M6_{+22}(\downarrow m3_{-22})^{1} + \uparrow M7_{-23}(\downarrow m2_{+23})^{1} + \uparrow M6_{-14}(\downarrow m3_{+14})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000044 = 2^{2}\bullet 3^{2}\bullet 3701^{1}\bullet 7505479^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m7_{+24}(\downarrow M2_{-24})^{1} + \uparrow m7_{+7}(\downarrow M2_{-7})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000045 = 5^{1}\bullet 67^{1}\bullet 44027^{1}\bullet 67801^{1} =$

$\mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m2_{-21}(\downarrow M7_{+21})^{1} + \uparrow P4_{+11}(\downarrow P5_{-11})^{1} + \uparrow m2_{-41}(\downarrow M7_{+41})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000046 = 2^{1}\bullet 500000000023^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{+36}(\downarrow M2_{-36})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000047 = 3^{1}\bullet 97^{1}\bullet 263^{1}\bullet 739^{1}\bullet 17681^{1} =$

$\mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow P5_{+20}(\downarrow P4_{-20})^{1} + \uparrow uni_{+47}(\downarrow 8ve_{-47})^{1} + \uparrow tt_{+35}(\downarrow tt_{-35})^{1} + \uparrow m2_{+32}(\downarrow M7_{-32})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000048 = 2^{4}\bullet 7^{1}\bullet 30091^{1}\bullet 296719^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M7_{-48}(\downarrow m2_{+48})^{1} + \uparrow M2_{+14}(\downarrow m7_{-14})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000049 = 6337^{1}\bullet 157803377^{1} = \mathbf{(1) + \uparrow m6_{-44}(\downarrow M3_{+44})^{1} + \uparrow m3_{-20}(\downarrow M6_{+20})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000050 = 2^{1}\bullet 3^{1}\bullet 5^{2}\bullet 19^{1}\bullet 1627^{1}\bullet 215659^{1} =$

$\mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow m6_{+2}(\downarrow M3_{-2})^{1} + \uparrow M6_{-38}(\downarrow m3_{+38})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000051 = 13^{1}\bullet 107^{1}\bullet 718907261^{1} = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow M6_{-10}(\downarrow m3_{+10})^{1} + \uparrow P4_{+5}(\downarrow P5_{-5})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000053 = 3^{4}\bullet 71^{1}\bullet 173882803^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{4} + \uparrow M2_{-20}(\downarrow m7_{+20})^{1} + \uparrow M3_{+48}(\downarrow m6_{-48})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000054 = 2^{1}\bullet 11^{1}\bullet 45454545457^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow P4_{-16}(\downarrow P5_{+16})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000055 = 5^{1}\bullet 7^{1}\bullet 17^{1}\bullet 419^{1}\bullet 547^{1}\bullet 7333^{1} =$

$\mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} +}$

$\mathbf{\uparrow M6_{-47}(\downarrow m3_{+47})^{1} + \uparrow m2_{+14}(\downarrow M7_{-14})^{1} + \uparrow m7_{+8}(\downarrow M2_{-8})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000056 = 2^{3}\bullet 3^{1}\bullet 23^{1}\bullet 1811594203^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow M6_{+6}(\downarrow m3_{-6})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000057 = 2341^{1}\bullet 427167877^{1} = \mathbf{(1) + \uparrow M2_{+31}(\downarrow m7_{-31})^{1} + \uparrow m6_{+4}(\downarrow M3_{-4})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000058 = 2^{1}\bullet 31^{1}\bullet 6701^{1}\bullet 2406959^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1} + \uparrow M6_{-48}(\downarrow m3_{+48})^{1} + \uparrow M2_{+39}(\downarrow m7_{-39})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000059 = 3^{1}\bullet 223^{1}\bullet 15427^{1}\bullet 96893^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-39}(\downarrow M2_{+39})^{1} + \uparrow M7_{-4}(\downarrow m2_{+4})^{1} + \uparrow P5_{-23}(\downarrow P4_{+23})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000060 = 2^{2}\bullet 5^{1}\bullet 3947^{1}\bullet 12667849^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M7_{+36}(\downarrow m2_{-36})^{1} + \uparrow P5_{+14}(\downarrow P4_{-14})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000061 = 1000000000061^{1} = \mathbf{(1) + \uparrow m7_{+36}(\downarrow M2_{-36})}$

$1000000000062 = 2^{1}\bullet 3^{2}\bullet 7^{1}\bullet 47^{1}\bullet 168861871^{1} =$

$\mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow P5_{-34}(\downarrow P4_{+34})^{1} + \uparrow M3_{-2}(\downarrow m6_{+2})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000064 = 2^{6}\bullet 13^{1}\bullet 41^{1}\bullet 61^{1}\bullet 157^{1}\bullet 3061^{1} =$

$\mathbf{(1) + \updownarrow 8ve(uni)^{6} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow M3_{+29}(\downarrow m6_{-29})^{1} + \uparrow M7_{+17}(\downarrow m2_{-17})^{1} + \uparrow M3_{-46}(\downarrow m6_{+46})^{1} + \uparrow P5_{-4}(\downarrow P4_{+4})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000065 = 3^{1}\bullet 5^{1}\bullet 11^{1}\bullet 43^{1}\bullet 431^{1}\bullet 327017^{1} =$

$\mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow P4_{+12}(\downarrow P5_{-12})^{1} + \uparrow M6_{+2}(\downarrow m3_{-2})^{1} + \uparrow M3_{-17}(\downarrow m6_{+17})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000067 = 29^{1}\bullet 3079^{1}\bullet 11199337^{1} = \mathbf{(1) + \uparrow m7_{+30}(\downarrow M2_{-30})^{1} + \uparrow P5_{+6}(\downarrow P4_{-6})^{1} + \uparrow P4_{+0}(\downarrow P5_{-0})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000068 = 2^{2}\bullet 3^{1}\bullet 83333333339^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m3_{+34}(\downarrow M6_{-34})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000069 = 7^{1}\bullet 19^{1}\bullet 7518796993^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000070 = 2^{1}\bullet 5^{1}\bullet 353^{1}\bullet 283286119^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{-44}(\downarrow tt_{+44})^{1} + \uparrow m2_{-7}(\downarrow M7_{+7})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000071 = 3^{2}\bullet 79^{1}\bullet 1406469761^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M3_{-35}(\downarrow m6_{+35})^{1} + \uparrow P4_{-33}(\downarrow P5_{+33})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000072 = 2^{3}\bullet 17^{1}\bullet 1409^{1}\bullet 5218553^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow tt_{-47}(\downarrow tt_{+47})^{1} + \uparrow M3_{-22}(\downarrow m6_{+22})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000073 = 37^{1}\bullet 89^{1}\bullet 691^{1}\bullet 439471^{1} = \mathbf{(1) + \uparrow m3_{-49}(\downarrow M6_{+49})^{1} + \uparrow tt_{-29}(\downarrow tt_{+29})^{1} + \uparrow P4_{+19}(\downarrow P5_{-19})^{1} + \uparrow M6_{-6}(\downarrow m3_{+6})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000074 = 2^{1}\bullet 3^{1}\bullet 73^{1}\bullet 631^{1}\bullet 3618233^{1} =$

$\mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M2_{+28}(\downarrow m7_{-28})^{1} + \uparrow M3_{-38}(\downarrow m6_{+38})^{1} + \uparrow M6_{+44}(\downarrow m3_{-44})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000075 = 5^{2}\bullet 40000000003^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow m3_{-37}(\downarrow M6_{+37})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000076 = 2^{2}\bullet 7^{1}\bullet 11^{1}\bullet 83^{1}\bullet 1451^{1}\bullet 26959^{1} =$

$\mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow P4_{-50}(\downarrow P5_{+50})^{1} + \uparrow tt_{+3}(\downarrow tt_{-3})^{1} + \uparrow M6_{-38}(\downarrow m3_{+38})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000077 = 3^{1}\bullet 13^{1}\bullet 25641025643^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow P5_{-7}(\downarrow P4_{+7})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000078 = 2^{1}\bullet 14387^{1}\bullet 34753597^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-25}(\downarrow M2_{+25})^{1} + \uparrow m2_{-39}(\downarrow M7_{+39})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000079 = 23^{1}\bullet 1217^{1}\bullet 4051^{1}\bullet 8819^{1} = \mathbf{(1) + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow m3_{-1}(\downarrow M6_{+1})^{1} + \uparrow 8ve_{-19}(\downarrow uni_{+19})^{1} + \uparrow m2_{+28}(\downarrow M7_{-28})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000080 = 2^{4}\bullet 3^{3}\bullet 5^{1}\bullet 462962963^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M6_{+44}(\downarrow m3_{-44})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000081 = 3929^{1}\bullet 254517689^{1} = \mathbf{(1) + \uparrow M7_{+28}(\downarrow m2_{-28})^{1} + \uparrow M7_{+8}(\downarrow m2_{-8})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000082 = 2^{1}\bullet 463^{1}\bullet 5869^{1}\bullet 184003^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{+26}(\downarrow M2_{-26})^{1} + \uparrow tt_{+23}(\downarrow tt_{-23})^{1} + \uparrow tt_{-13}(\downarrow tt_{+13})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000083 = 3^{1}\bullet 7^{2}\bullet 27799^{1}\bullet 244711^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{2} + \uparrow M6_{+15}(\downarrow m3_{-15})^{1} + \uparrow M7_{-19}(\downarrow m2_{+19})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000084 = 2^{2}\bullet 250000000021^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m7_{+36}(\downarrow M2_{-36})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000085 = 5^{1}\bullet 1801^{1}\bullet 111049417^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-23}(\downarrow M2_{+23})^{1} + \uparrow M6_{-28}(\downarrow m3_{+28})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000086 = 2^{1}\bullet 3^{1}\bullet 859^{1}\bullet 1051^{1}\bullet 184609^{1} =$

$\mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M6_{-4}(\downarrow m3_{+4})^{1} + \uparrow uni_{+45}(\downarrow 8ve_{-45})^{1} + \uparrow tt_{-7}(\downarrow tt_{+7})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000087 = 11^{1}\bullet 136511^{1}\bullet 665947^{1} = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m2_{-30}(\downarrow M7_{+30})^{1} + \uparrow M3_{+14}(\downarrow m6_{-14})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000088 = 2^{3}\bullet 19^{1}\bullet 227^{1}\bullet 257^{1}\bullet 112771^{1} =$

$\mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow m7_{-8}(\downarrow M2_{+8})^{1} + \uparrow uni_{+7}(\downarrow 8ve_{-7})^{1} + \uparrow M6_{+40}(\downarrow m3_{-40})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000089 = 3^{2}\bullet 17^{1}\bullet 31^{1}\bullet 7481^{1}\bullet 28183^{1} =$

$\mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1} + \uparrow m7_{+43}(\downarrow M2_{-43})^{1} + \uparrow M6_{+39}(\downarrow m3_{-39})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000090 = 2^{1}\bullet 5^{1}\bullet 7^{1}\bullet 13^{1}\bullet 53^{1}\bullet 1979^{1}\bullet 10477^{1} =$

$\mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} +}$

$\mathbf{\uparrow M6_{-26}(\downarrow m3_{+26})^{1} + \uparrow M7_{+41}(\downarrow m2_{-41})^{1} + \uparrow M3_{+26}(\downarrow m6_{-26})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000091 = 1000000000091^{1} = \mathbf{(1) + \uparrow m7_{+36}(\downarrow M2_{-36})}$

$1000000000092 = 2^{2}\bullet 3^{1}\bullet 887^{1}\bullet 93949643^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-49}(\downarrow M2_{+49})^{1} + \uparrow tt_{-18}(\downarrow tt_{+18})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000093 = 166063^{1}\bullet 6021811^{1} = \mathbf{(1) + \uparrow M3_{+10}(\downarrow m6_{-10})^{1} + \uparrow tt_{+26}(\downarrow tt_{-26})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000094 = 2^{1}\bullet 16001^{1}\bullet 31248047^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow 8ve_{-41}(\downarrow uni_{+41})^{1} + \uparrow M7_{-23}(\downarrow m2_{+23})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000095 = 3^{1}\bullet 5^{1}\bullet 103^{1}\bullet 139^{1}\bullet 4656469^{1} =$

$\mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m6_{+24}(\downarrow M3_{-24})^{1} + \uparrow m2_{+43}(\downarrow M7_{-43})^{1} + \uparrow M2_{-19}(\downarrow m7_{+19})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000096 = 2^{5}\bullet 29^{1}\bullet 59^{1}\bullet 1427^{1}\bullet 12799^{1} =$

$\mathbf{(1) + \updownarrow 8ve(uni)^{5} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1} + \uparrow M7_{-41}(\downarrow m2_{+41})^{1} + \uparrow tt_{-25}(\downarrow tt_{+25})^{1} + \uparrow m6_{-28}(\downarrow M3_{+28})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000097 = 7^{1}\bullet 131^{1}\bullet 659^{1}\bullet 1654799^{1} =$

$\mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow uni_{+40}(\downarrow 8ve_{-40})^{1} + \uparrow M3_{+37}(\downarrow m6_{-37})^{1} + \uparrow m6_{-10}(\downarrow M3_{+10})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000098 = 2^{1}\bullet 3^{2}\bullet 11^{1}\bullet 491^{1}\bullet 10286161^{1} =$

$\mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow M7_{+27}(\downarrow m2_{-27})^{1} + \uparrow M3_{-47}(\downarrow m6_{+47})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000099 = 113^{1}\bullet 181^{1}\bullet 48892583^{1} = \mathbf{(1) + \uparrow m7_{-16}(\downarrow M2_{+16})^{1} + \uparrow tt_{+0}(\downarrow tt_{-0})^{1} + \uparrow P5_{-48}(\downarrow P4_{+48})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000100 = 2^{2}\bullet 5^{2}\bullet 101^{1}\bullet 3541^{1}\bullet 27961^{1} =$

$\mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow m6_{-10}(\downarrow M3_{+10})^{1} + \uparrow M6_{+48}(\downarrow m3_{-48})^{1} + \uparrow M6_{+25}(\downarrow m3_{-25})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000101 = 3^{1}\bullet 333333333367^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m3_{+34}(\downarrow M6_{-34})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000102 = 2^{1}\bullet 23^{1}\bullet 233^{1}\bullet 93300989^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow m7_{+37}(\downarrow M2_{-37})^{1} + \uparrow tt_{-30}(\downarrow tt_{+30})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000103 = 13^{1}\bullet 32089^{1}\bullet 2397179^{1} = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow 8ve_{-36}(\downarrow uni_{+36})^{1} + \uparrow M2_{+31}(\downarrow m7_{-31})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000104 = 2^{3}\bullet 3^{1}\bullet 7^{1}\bullet 5952380953^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow tt_{-35}(\downarrow tt_{+35})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000105 = 5^{1}\bullet 41^{1}\bullet 2663^{1}\bullet 1831787^{1} =$

$\mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M3_{+29}(\downarrow m6_{-29})^{1} + \uparrow P4_{-45}(\downarrow P5_{+45})^{1} + \uparrow m7_{-34}(\downarrow M2_{+34})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000106 = 2^{1}\bullet 17^{1}\bullet 29411764709^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow M6_{+31}(\downarrow m3_{-31})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000107 = 3^{3}\bullet 19^{1}\bullet 151^{1}\bullet 12909389^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow m3_{-14}(\downarrow M6_{+14})^{1} + \uparrow P5_{+46}(\downarrow P4_{-46})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000108 = 2^{2}\bullet 43^{1}\bullet 5813953489^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P4_{+12}(\downarrow P5_{-12})^{1} + \uparrow P4_{+24}(\downarrow P5_{-24})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000109 = 11^{1}\bullet 47^{1}\bullet 3371^{1}\bullet 573787^{1} = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow P5_{-34}(\downarrow P4_{+34})^{1} + \uparrow M6_{-37}(\downarrow m3_{+37})^{1} + \uparrow M2_{-44}(\downarrow m7_{+44})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000110 = 2^{1}\bullet 3^{1}\bullet 5^{1}\bullet 37^{2}\bullet 24348673^{1} =$

$\mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m3_{-49}(\downarrow M6_{+49})^{2} + \uparrow tt_{+45}(\downarrow tt_{-45})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000111 = 7^{1}\bullet 601^{1}\bullet 1019^{1}\bullet 233267^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m3_{-23}(\downarrow M6_{+23})^{1} + \uparrow 8ve_{-8}(\downarrow uni_{+8})^{1} + \uparrow m7_{-2}(\downarrow M2_{+2})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000112 = 2^{4}\bullet 67^{1}\bullet 932835821^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow m2_{-21}(\downarrow M7_{+21})^{1} + \uparrow m7_{-44}(\downarrow M2_{+44})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000113 = 3^{1}\bullet 593^{1}\bullet 562113547^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m3_{-46}(\downarrow M6_{+46})^{1} + \uparrow m2_{-20}(\downarrow M7_{+20})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000114 = 2^{1}\bullet 40597^{1}\bullet 12316181^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-29}(\downarrow m6_{+29})^{1} + \uparrow P5_{-35}(\downarrow P4_{+35})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000115 = 5^{1}\bullet 283^{1}\bullet 8387^{1}\bullet 84263^{1} =$

$\mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M2_{-26}(\downarrow m7_{+26})^{1} + \uparrow uni_{+41}(\downarrow 8ve_{-41})^{1} + \uparrow M3_{+35}(\downarrow m6_{-35})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000116 = 2^{2}\bullet 3^{2}\bullet 13^{2}\bullet 3323^{1}\bullet 49463^{1} =$

$\mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m6_{+41}(\downarrow M3_{-41})^{2} + \uparrow m6_{+38}(\downarrow M3_{-38})^{1} + \uparrow P5_{+13}(\downarrow P4_{-13})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000117 = 1579^{1}\bullet 633312223^{1} = \mathbf{(1) + \uparrow P5_{+50}(\downarrow P4_{-50})^{1} + \uparrow m3_{-14}(\downarrow M6_{+14})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000118 = 2^{1}\bullet 7^{1}\bullet 599^{1}\bullet 119246363^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m3_{-28}(\downarrow M6_{+28})^{1} + \uparrow m7_{-5}(\downarrow M2_{+5})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000119 = 3^{1}\bullet 191791^{1}\bullet 1738003^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow P5_{-41}(\downarrow P4_{+41})^{1} + \uparrow M6_{-25}(\downarrow m3_{+25})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000120 = 2^{3}\bullet 5^{1}\bullet 11^{1}\bullet 31^{1}\bullet 73313783^{1} =$

$\mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1} + \uparrow M2_{-47}(\downarrow m7_{+47})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000121 = 1000000000121^{1} = \mathbf{(1) + \uparrow m7_{+36}(\downarrow M2_{-36})}$

$1000000000122 = 2^{1}\bullet 3^{1}\bullet 247633^{1}\bullet 673039^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M7_{+1}(\downarrow m2_{-1})^{1} + \uparrow M3_{+32}(\downarrow m6_{-32})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000123 = 17^{1}\bullet 127^{1}\bullet 9437^{1}\bullet 49081^{1} = \mathbf{(1) + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow 8ve_{-14}(\downarrow uni_{+14})^{1} + \uparrow M2_{+45}(\downarrow m7_{-45})^{1} + \uparrow P5_{-1}(\downarrow P4_{+1})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000124 = 2^{2}\bullet 71^{1}\bullet 311^{1}\bullet 11321951^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M2_{-20}(\downarrow m7_{+20})^{1} + \uparrow m3_{+37}(\downarrow M6_{-37})^{1} + \uparrow P4_{+19}(\downarrow P5_{-19})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000125 = 3^{2}\bullet 5^{3}\bullet 7^{1}\bullet 23^{1}\bullet 29^{1}\bullet 61^{1}\bullet 3121^{1} =$

$\mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{3} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} +}$

$\mathbf{\uparrow m7_{+30}(\downarrow M2_{-30})^{1} + \uparrow M7_{+17}(\downarrow m2_{-17})^{1} + \uparrow P5_{+29}(\downarrow P4_{-29})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000126 = 2^{1}\bullet 19^{1}\bullet 26315789477^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow P5_{+38}(\downarrow P4_{-38})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000127 = 265841^{1}\bullet 3761647^{1} = \mathbf{(1) + \uparrow uni_{+24}(\downarrow 8ve_{-24})^{1} + \uparrow m7_{+12}(\downarrow M2_{-12})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000128 = 2^{7}\bullet 3^{1}\bullet 8273^{1}\bullet 314779^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{7} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow uni_{+17}(\downarrow 8ve_{-17})^{1} + \uparrow m3_{+17}(\downarrow M6_{-17})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000129 = 13^{1}\bullet 94397^{1}\bullet 814889^{1} = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow tt_{+32}(\downarrow tt_{-32})^{1} + \uparrow m6_{-37}(\downarrow M3_{+37})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000130 = 2^{1}\bullet 5^{1}\bullet 5501^{1}\bullet 18178513^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow P4_{+11}(\downarrow P5_{-11})^{1} + \uparrow m2_{+39}(\downarrow M7_{-39})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000131 = 3^{1}\bullet 11^{3}\bullet 587^{1}\bullet 426641^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{3} + \uparrow M2_{+37}(\downarrow m7_{-37})^{1} + \uparrow m6_{+43}(\downarrow M3_{-43})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000132 = 2^{2}\bullet 7^{2}\bullet 5102040817^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{2} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000133 = 141359^{1}\bullet 7074187^{1} = \mathbf{(1) + \uparrow m2_{+31}(\downarrow M7_{-31})^{1} + \uparrow M6_{+5}(\downarrow m3_{-5})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000134 = 2^{1}\bullet 3^{5}\bullet 7243^{1}\bullet 284083^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{5} + \uparrow m7_{-13}(\downarrow M2_{+13})^{1} + \uparrow m2_{+39}(\downarrow M7_{-39})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000135 = 5^{1}\bullet 142193^{1}\bullet 1406539^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m2_{+41}(\downarrow M7_{-41})^{1} + \uparrow P4_{+8}(\downarrow P5_{-8})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000136 = 2^{3}\bullet 397^{1}\bullet 314861461^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow m6_{-40}(\downarrow M3_{+40})^{1} + \uparrow m3_{-24}(\downarrow M6_{+24})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000137 = 3^{1}\bullet 333333333379^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m3_{+34}(\downarrow M6_{-34})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000138 = 2^{1}\bullet 137^{1}\bullet 163^{1}\bullet 3253^{1}\bullet 6883^{1} =$

$\mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m2_{+18}(\downarrow M7_{-18})^{1} + \uparrow M3_{+18}(\downarrow m6_{-18})^{1} + \uparrow m6_{+1}(\downarrow M3_{-1})^{1} + \uparrow M6_{-1}(\downarrow m3_{+1})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000139 = 7^{1}\bullet 340453^{1}\bullet 419609^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow P4_{-47}(\downarrow P5_{+47})^{1} + \uparrow m6_{+14}(\downarrow M3_{-14})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000140 = 2^2 \bullet 3^1 \bullet 5^1 \bullet 17^1 \bullet 9059^1 \bullet 108223^1 =$

$\mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow M2_{-26}(\downarrow m7_{+26})^1 + \uparrow M6_{-32}(\downarrow m3_{+32})^1} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000141 = 239^1 \bullet 4184100419^1 = \mathbf{(1) + \uparrow M7_{-19}(\downarrow m2_{+19})^1 + \uparrow 8ve_{-45}(\downarrow uni_{+45})^1} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000142 = 2^1 \bullet 11^1 \bullet 13^1 \bullet 2141^1 \bullet 1633117^1 =$

$\mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow m2_{-23}(\downarrow M7_{+23})^1 + \uparrow m6_{-33}(\downarrow M3_{+33})^1} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000143 = 3^2 \bullet 53^1 \bullet 193^1 \bullet 10862363^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M6_{-26}(\downarrow m3_{+26})^1 + \uparrow P5_{+11}(\downarrow P4_{-11})^1 + \uparrow M3_{+47}(\downarrow m6_{-47})^1} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000144 = 2^4 \bullet 97^1 \bullet 644329897^1 = \mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow P5_{+20}(\downarrow P4_{-20})^1 + \uparrow m3_{+16}(\downarrow M6_{-16})^1} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000145 = 5^1 \bullet 19^1 \bullet 191^1 \bullet 55111601^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow P5_{-7}(\downarrow P4_{+7})^1 + \uparrow M6_{-41}(\downarrow m3_{+41})^1} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000146 = 2^1 \bullet 3^1 \bullet 7^1 \bullet 41^1 \bullet 580720093^1 =$

$\mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M3_{+29}(\downarrow m6_{-29})^1 + \uparrow m2_{+36}(\downarrow M7_{-36})^1} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000147 = 37^1 \bullet 73^1 \bullet 10993^1 \bullet 33679^1 = \mathbf{(1) + \uparrow m3_{-49}(\downarrow M6_{+49})^1 + \uparrow M2_{+28}(\downarrow m7_{-28})^1 + \uparrow P4_{+9}(\downarrow P5_{-9})^1 + \uparrow uni_{+47}(\downarrow 8ve_{-47})^1} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000148 = 2^2 \bullet 23^1 \bullet 10869565219^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow M3_{+7}(\downarrow m6_{-7})^1} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000149 = 3^1 \bullet 3319^1 \bullet 4421^1 \bullet 22717^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m6_{+36}(\downarrow M3_{-36})^1 + \uparrow m2_{+32}(\downarrow M7_{-32})^1 + \uparrow tt_{-34}(\downarrow tt_{+34})^1} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000150 = 2^1 \bullet 5^2 \bullet 79^1 \bullet 253164557^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow M3_{-35}(\downarrow m6_{+35})^1 + \uparrow M7_{-1}(\downarrow m2_{+1})^1} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000151 = 31^1 \bullet 43^1 \bullet 167^1 \bullet 911^1 \bullet 4931^1 =$

$\mathbf{(1) + \uparrow M7_{+45}(\downarrow m2_{-45})^1 + \uparrow P4_{+12}(\downarrow P5_{-12})^1 + \uparrow P4_{-40}(\downarrow P5_{+40})^1 + \uparrow m7_{-2}(\downarrow M2_{+2})^1 + \uparrow m3_{+21}(\downarrow M6_{-21})^1} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000152 = 2^3 \bullet 3^2 \bullet 109^1 \bullet 2153^1 \bullet 59183^1 =$

$\mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M6_{+22}(\downarrow m3_{-22})^1 + \uparrow m2_{-13}(\downarrow M7_{+13})^1 + \uparrow m7_{+23}(\downarrow M2_{-23})^1} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000153 = 7^1 \bullet 11^1 \bullet 149^1 \bullet 773^1 \bullet 112757^1 =$

$\mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m3_{-37}(\downarrow M6_{+37})^1 + \uparrow P5_{+13}(\downarrow P4_{-13})^1 + \uparrow M6_{+39}(\downarrow m3_{-39})^1} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000154 = 2^1 \bullet 29^1 \bullet 241^1 \bullet 71540993^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1 + \uparrow M7_{-5}(\downarrow m2_{+5})^1 + \uparrow m2_{+11}(\downarrow M7_{-11})^1} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000155 = 3^1 \bullet 5^1 \bullet 13^1 \bullet 59^1 \bullet 5519^1 \bullet 15749^1 =$

$\mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow M7_{-41}(\downarrow m2_{+41})^1 +}$

$\mathbf{\uparrow P4_{+16}(\downarrow P5_{-16})^1 + \uparrow M7_{+32}(\downarrow m2_{-32})^1} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000156 = 2^2 \bullet 47^1 \bullet 58579^1 \bullet 90803^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{-34}(\downarrow P4_{+34})^1 + \uparrow m7_{+6}(\downarrow M2_{-6})^1 + \uparrow tt_{-35}(\downarrow tt_{+35})^1} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000157 = 17^2 \bullet 3923^1 \bullet 882031^1 = \mathbf{(1) + \uparrow m2_{+5}(\downarrow M7_{-5})^2 + \uparrow M7_{+25}(\downarrow m2_{-25})^1 + \uparrow M6_{+1}(\downarrow m3_{-1})^1} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000158 = 2^1 \bullet 3^1 \bullet 107^1 \bullet 919^1 \bullet 1694921^1 =$

$\mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M6_{-10}(\downarrow m3_{+10})^1 + \uparrow m7_{+13}(\downarrow M2_{-13})^1 + \uparrow m6_{+31}(\downarrow M3_{-31})^1} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000159 = 83^1 \bullet 12048192773^1 = \mathbf{(1) + \uparrow P4_{-50}(\downarrow P5_{+50})^1 + \uparrow tt_{-14}(\downarrow tt_{+14})^1} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000160 = 2^5 \bullet 5^1 \bullet 7^1 \bullet 892857143^1 = \mathbf{(1) + \updownarrow 8ve(uni)^5 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M6_{-19}(\downarrow m3_{+19})^1} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000161 = 3^{3}\bullet 317^{1}\bullet 827^{1}\bullet 141277^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow M3_{-30}(\downarrow m6_{+30})^{1} + \uparrow m6_{+30}(\downarrow M3_{-30})^{1} + \uparrow m2_{+30}(\downarrow M7_{-30})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000162 = 2^{1}\bullet 89^{1}\bullet 5617977529^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow tt_{-29}(\downarrow tt_{+29})^{1} + \uparrow P4_{-35}(\downarrow P5_{+35})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000163 = 1000000000163^{1} = \mathbf{(1) + \uparrow m7_{+36}(\downarrow M2_{-36})}$

$1000000000164 = 2^{2}\bullet 3^{1}\bullet 11^{1}\bullet 19^{1}\bullet 1163^{1}\bullet 342841^{1} =$

$\mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow M2_{+20}(\downarrow m7_{-20})^{1} + \uparrow P4_{-35}(\downarrow P5_{+35})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000165 = 5^{1}\bullet 21269^{1}\bullet 9403357^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow P4_{-48}(\downarrow P5_{+48})^{1} + \uparrow M2_{-2}(\downarrow m7_{+2})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000166 = 2^{1}\bullet 4019^{1}\bullet 5647^{1}\bullet 22031^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow 8ve_{-33}(\downarrow uni_{+33})^{1} + \uparrow tt_{-44}(\downarrow tt_{+44})^{1} + \uparrow P4_{+13}(\downarrow P5_{-13})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000167 = 3^{1}\bullet 7^{1}\bullet 761^{1}\bullet 62574307^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow P5_{-14}(\downarrow P4_{+14})^{1} + \uparrow M7_{-21}(\downarrow m2_{+21})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000168 = 2^{3}\bullet 13^{1}\bullet 9615384617^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow M2_{-5}(\downarrow m7_{+5})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000169 = 1000000000169^{1} = \mathbf{(1) + \uparrow m7_{+36}(\downarrow M2_{-36})}$

$1000000000170 = 2^{1}\bullet 3^{2}\bullet 5^{1}\bullet 11111111113^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M3_{+46}(\downarrow m6_{-46})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000171 = 23^{1}\bullet 199^{1}\bullet 271^{1}\bullet 806213^{1} = \mathbf{(1) + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow m6_{-36}(\downarrow M3_{+36})^{1} + \uparrow m2_{-1}(\downarrow M7_{+1})^{1} + \uparrow P5_{+45}(\downarrow P4_{-45})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000172 = 2^{2}\bullet 250000000043^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m7_{+36}(\downarrow M2_{-36})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000173 = 3^{1}\bullet 751^{1}\bullet 443852641^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow P5_{-37}(\downarrow P4_{+37})^{1} + \uparrow M6_{-29}(\downarrow m3_{+29})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000174 = 2^{1}\bullet 7^{1}\bullet 17^{1}\bullet 4201680673^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow 8ve_{-38}(\downarrow uni_{+38})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000175 = 5^{2}\bullet 11^{1}\bullet 3636363637^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow M6_{+12}(\downarrow m3_{-12})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000176 = 2^{4}\bullet 3^{1}\bullet 20833333337^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m3_{+34}(\downarrow M6_{-34})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000177 = 1000000000177^{1} = \mathbf{(1) + \uparrow m7_{+36}(\downarrow M2_{-36})}$

$1000000000178 = 2^{1}\bullet 500000000089^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{+36}(\downarrow M2_{-36})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000179 = 3^{2}\bullet 67^{1}\bullet 4591^{1}\bullet 361223^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m2_{-21}(\downarrow M7_{+21})^{1} + \uparrow M2_{-2}(\downarrow m7_{+2})^{1} + \uparrow tt_{-45}(\downarrow tt_{+45})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000180 = 2^{2}\bullet 5^{1}\bullet 881^{1}\bullet 56753689^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M6_{+40}(\downarrow m3_{-40})^{1} + \uparrow M6_{+10}(\downarrow m3_{-10})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000181 = 7^{2}\bullet 13^{1}\bullet 1569858713^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{2} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow P5_{-42}(\downarrow P4_{+42})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000182 = 2^{1}\bullet 3^{1}\bullet 31^{1}\bullet 2069^{1}\bullet 2598523^{1} =$

$\mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1} + \uparrow uni_{+18}(\downarrow 8ve_{-18})^{1} + \uparrow M3_{-29}(\downarrow m6_{+29})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000183 = 19^{2}\bullet 29^{1}\bullet 95520107^{1} = \mathbf{(1) + \uparrow m3_{-2}(\downarrow M6_{+2})^{2} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1} + \uparrow tt_{+11}(\downarrow tt_{-11})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000184 = 2^{3}\bullet 37^{1}\bullet 4969^{1}\bullet 679891^{1} =$

$\mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow m3_{-49}(\downarrow M6_{+49})^{1} + \uparrow m3_{+34}(\downarrow M6_{-34})^{1} + \uparrow M3_{+50}(\downarrow m6_{-50})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000185 = 3^{1}\bullet 5^{1}\bullet 929^{1}\bullet 71761751^{1} =$

$\mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{+31}(\downarrow M2_{-31})^{1} + \uparrow m2_{+16}(\downarrow M7_{-16})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000186 = 2^{1}\bullet 11^{1}\bullet 61^{1}\bullet 745156483^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow M7_{+17}(\downarrow m2_{-17})^{1} + \uparrow tt_{-32}(\downarrow tt_{+32})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000187 = 41^{1}\bullet 337^{1}\bullet 72374611^{1} = \mathbf{(1) + \uparrow M3_{+29}(\downarrow m6_{-29})^{1} + \uparrow P4_{-24}(\downarrow P5_{+24})^{1} + \uparrow m2_{+31}(\downarrow M7_{-31})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000188 = 2^2 \bullet 3^3 \bullet 7^1 \bullet 1322751323^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M3_{-39}(\downarrow m6_{+39})^1} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000189 = 1000000000189^1 = \mathbf{(1) + \uparrow m7_{+36}(\downarrow M2_{-36})}$

$1000000000190 = 2^1 \bullet 5^1 \bullet 100000000019^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{+49}(\downarrow tt_{-49})^1} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000191 = 3^1 \bullet 17^1 \bullet 19607843141^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow M2_{+29}(\downarrow m7_{-29})^1} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000192 = 2^6 \bullet 2203^1 \bullet 7092601^1 = \mathbf{(1) + \updownarrow 8ve(uni)^6 + \uparrow m2_{+26}(\downarrow M7_{-26})^1 + \uparrow M6_{+9}(\downarrow m3_{-9})^1} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000193 = 1000000000193^1 = \mathbf{(1) + \uparrow m7_{+36}(\downarrow M2_{-36})}$

$1000000000194 = 2^1 \bullet 3^1 \bullet 13^1 \bullet 23^1 \bullet 43^1 \bullet 12963107^1 =$

$\mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow P4_{+12}(\downarrow P5_{-12})^1 + \uparrow m6_{-47}(\downarrow M3_{+47})^1} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000195 = 5^1 \bullet 7^1 \bullet 71^1 \bullet 402414487^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M2_{-20}(\downarrow m7_{+20})^1 + \uparrow P5_{+1}(\downarrow P4_{-1})^1} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000196 = 2^2 \bullet 53^1 \bullet 4716981133^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M6_{-26}(\downarrow m3_{+26})^1 + \uparrow M2_{-38}(\downarrow m7_{+38})^1} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000197 = 3^2 \bullet 11^1 \bullet 53377^1 \bullet 189239^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m6_{+45}(\downarrow M3_{-45})^1 + \uparrow tt_{+36}(\downarrow tt_{-36})^1} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000198 = 2^1 \bullet 103^1 \bullet 4854368933^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m6_{+24}(\downarrow M3_{-24})^1 + \uparrow M2_{+12}(\downarrow m7_{-12})^1} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000199 = 12923^1 \bullet 77381413^1 = \mathbf{(1) + \uparrow m6_{-11}(\downarrow M3_{+11})^1 + \uparrow M2_{+47}(\downarrow m7_{-47})^1} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000200 = 2^3 \bullet 3^1 \bullet 5^2 \bullet 1666666667^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow m6_{-39}(\downarrow M3_{+39})^1} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000201 = 101^1 \bullet 197^1 \bullet 2239^1 \bullet 22447^1 =$

$\mathbf{(1) + \uparrow m6_{-10}(\downarrow M3_{+10})^1 + \uparrow P5_{+46}(\downarrow P4_{-46})^1 + \uparrow M2_{-46}(\downarrow m7_{+46})^1 + \uparrow P4_{+45}(\downarrow P5_{-45})^1} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000202 = 2^1 \bullet 7^1 \bullet 19^1 \bullet 3759398497^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000203 = 3^1 \bullet 47^1 \bullet 7092198583^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow P5_{-34}(\downarrow P4_{+34})^1 + \uparrow M6_{-32}(\downarrow m3_{+32})^1} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000204 = 2^2 \bullet 373^1 \bullet 670241287^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{-48}(\downarrow P4_{+48})^1 + \uparrow M3_{-16}(\downarrow m6_{+16})^1} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000205 = 5^1 \bullet 200000000041^1 = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{+49}(\downarrow tt_{-49})^1} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000206 = 2^1 \bullet 3^2 \bullet 173^1 \bullet 6977^1 \bullet 46027^1 =$

$\mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow P4_{+22}(\downarrow P5_{-22})^1 + \uparrow M6_{+22}(\downarrow m3_{-22})^1 + \uparrow tt_{-12}(\downarrow tt_{+12})^1} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000207 = 13^1 \bullet 347^1 \bullet 221680337^1 = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow P4_{+27}(\downarrow P5_{-27})^1 + \uparrow M6_{-31}(\downarrow m3_{+31})^1} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000208 = 2^4 \bullet 11^1 \bullet 17^1 \bullet 277^1 \bullet 1206587^1 =$

$\mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow m2_{+36}(\downarrow M7_{-36})^1 + \uparrow M2_{+43}(\downarrow m7_{-43})^1} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000209 = 3^1 \bullet 7^1 \bullet 1061^1 \bullet 44881289^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m2_{-39}(\downarrow M7_{+39})^1 + \uparrow P4_{+4}(\downarrow P5_{-4})^1} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000210 = 2^1 \bullet 5^1 \bullet 33533^1 \bullet 2982137^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow uni_{+40}(\downarrow 8ve_{-40})^1 + \uparrow tt_{+9}(\downarrow tt_{-9})^1} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000211 = 1000000000211^1 = \mathbf{(1) + \uparrow m7_{+36}(\downarrow M2_{-36})}$

$1000000000212 = 2^2 \bullet 3^1 \bullet 29^1 \bullet 113^1 \bullet 229^1 \bullet 293^1 \bullet 379^1 =$

$\mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1 + \uparrow m7_{-16}(\downarrow M2_{+16})^1 +}$

$\mathbf{\uparrow m7_{+7}(\downarrow M2_{-7})^1 + \uparrow M2_{+34}(\downarrow m7_{-34})^1 + \uparrow P5_{-21}(\downarrow P4_{+21})^1} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000213 = 31^1 \bullet 503^1 \bullet 64131341^1 = \mathbf{(1) + \uparrow M7_{+45}(\downarrow m2_{-45})^1 + \uparrow 8ve_{-31}(\downarrow uni_{+31})^1 + \uparrow M7_{+21}(\downarrow m2_{-21})^1} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000214 = 2^{1}\bullet 59^{1}\bullet 383^{1}\bullet 22126831^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M7_{-41}(\downarrow m2_{+41})^{1} + \uparrow P5_{-3}(\downarrow P4_{+3})^{1} + \uparrow P4_{-21}(\downarrow P5_{+21})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000215 = 3^{4}\bullet 5^{1}\bullet 2469135803^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{4} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M2_{+42}(\downarrow m7_{-42})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000216 = 2^{3}\bullet 7^{1}\bullet 5003^{1}\bullet 3569287^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m3_{+46}(\downarrow M6_{-46})^{1} + \uparrow M6_{+21}(\downarrow m3_{-21})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000217 = 23^{1}\bullet 54011^{1}\bullet 804989^{1} = \mathbf{(1) + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow M6_{-35}(\downarrow m3_{+35})^{1} + \uparrow P5_{+42}(\downarrow P4_{-42})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000218 = 2^{1}\bullet 3^{1}\bullet 198533^{1}\bullet 839491^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow P5_{+19}(\downarrow P4_{-19})^{1} + \uparrow m6_{+15}(\downarrow M3_{-15})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000219 = 11^{1}\bullet 90909090929^{1} = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow P4_{-16}(\downarrow P5_{+16})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000220 = 2^{2}\bullet 5^{1}\bullet 13^{1}\bullet 73^{1}\bullet 179^{1}\bullet 294341^{1} =$

$\mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow M2_{+28}(\downarrow m7_{-28})^{1} + \uparrow tt_{-19}(\downarrow tt_{+19})^{1} + \uparrow M2_{+1}(\downarrow m7_{-1})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000221 = 3^{1}\bullet 19^{1}\bullet 37^{1}\bullet 157^{1}\bullet 3020117^{1} =$

$\mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow m3_{-49}(\downarrow M6_{+49})^{1} + \uparrow M3_{-46}(\downarrow m6_{+46})^{1} + \uparrow tt_{+31}(\downarrow tt_{-31})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000222 = 2^{1}\bullet 281^{1}\bullet 1779359431^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M2_{-39}(\downarrow m7_{+39})^{1} + \uparrow M6_{-26}(\downarrow m3_{+26})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000223 = 7^{1}\bullet 142857142889^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m2_{-33}(\downarrow M7_{+33})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000224 = 2^{5}\bullet 3^{2}\bullet 3472222223^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{5} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m6_{+32}(\downarrow M3_{-32})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000225 = 5^{2}\bullet 17^{1}\bullet 2352941177^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow M2_{-42}(\downarrow m7_{+42})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000226 = 2^{1}\bullet 7757^{1}\bullet 64457909^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M7_{+6}(\downarrow m2_{-6})^{1} + \uparrow M7_{+30}(\downarrow m2_{-30})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000227 = 3^{1}\bullet 1901^{1}\bullet 2179^{1}\bullet 80471^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M7_{-29}(\downarrow m2_{+29})^{1} + \uparrow m2_{+7}(\downarrow M7_{-7})^{1} + \uparrow M3_{-45}(\downarrow m6_{+45})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000228 = 2^{2}\bullet 41^{1}\bullet 131^{1}\bullet 46546267^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M3_{+29}(\downarrow m6_{-29})^{1} + \uparrow uni_{+40}(\downarrow 8ve_{-40})^{1} + \uparrow tt_{-33}(\downarrow tt_{+33})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000229 = 79^{1}\bullet 29269^{1}\bullet 432479^{1} = \mathbf{(1) + \uparrow M3_{-35}(\downarrow m6_{+35})^{1} + \uparrow m7_{+5}(\downarrow M2_{-5})^{1} + \uparrow M6_{-33}(\downarrow m3_{+33})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000230 = 2^{1}\bullet 3^{1}\bullet 5^{1}\bullet 7^{2}\bullet 11^{1}\bullet 61842919^{1} =$

$\mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{2} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow M7_{-41}(\downarrow m2_{+41})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000231 = 1181^{1}\bullet 846740051^{1} = \mathbf{(1) + \uparrow M2_{+47}(\downarrow m7_{-47})^{1} + \uparrow m6_{-11}(\downarrow M3_{+11})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000232 = 2^{3}\bullet 389^{1}\bullet 321336761^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{+24}(\downarrow P4_{-24})^{1} + \uparrow m3_{+11}(\downarrow M6_{-11})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000233 = 3^{2}\bullet 13^{1}\bullet 26891^{1}\bullet 317839^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow M6_{-42}(\downarrow m3_{+42})^{1} + \uparrow m3_{+34}(\downarrow M6_{-34})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000234 = 2^{1}\bullet 139^{1}\bullet 211^{1}\bullet 17047973^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m2_{+43}(\downarrow M7_{-43})^{1} + \uparrow M6_{-35}(\downarrow m3_{+35})^{1} + \uparrow uni_{+28}(\downarrow 8ve_{-28})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000235 = 5^{1}\bullet 1231^{1}\bullet 162469537^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m3_{+19}(\downarrow M6_{-19})^{1} + \uparrow m3_{+31}(\downarrow M6_{-31})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000236 = 2^{2}\bullet 3^{1}\bullet 13127^{1}\bullet 6348239^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m6_{+16}(\downarrow M3_{-16})^{1} + \uparrow P5_{+18}(\downarrow P4_{-18})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000237 = 7^{1}\bullet 43^{1}\bullet 307^{1}\bullet 521^{1}\bullet 20771^{1} =$

$\mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow P4_{+12}(\downarrow P5_{-12})^{1} + \uparrow m3_{+15}(\downarrow M6_{-15})^{1} + \uparrow uni_{+30}(\downarrow 8ve_{-30})^{1} + \uparrow M3_{+11}(\downarrow m6_{-11})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000238 = 2^{1}\bullet 2707^{1}\bullet 184706317^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P4_{-17}(\downarrow P5_{+17})^{1} + \uparrow tt_{-47}(\downarrow tt_{+47})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000239 = 3^{1}\bullet 359^{1}\bullet 23993^{1}\bullet 38699^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{-15}(\downarrow tt_{+15})^{1} + \uparrow P5_{-40}(\downarrow P4_{+40})^{1} + \uparrow m3_{-12}(\downarrow M6_{+12})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000240 = 2^{4}\bullet 5^{1}\bullet 19^{1}\bullet 23^{1}\bullet 28604119^{1} =$

$\mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow M6_{+24}(\downarrow m3_{-24})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000241 = 11^{1}\bullet 29^{1}\bullet 97^{1}\bullet 1283^{1}\bullet 25189^{1} =$

$\mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1} + \uparrow P5_{+20}(\downarrow P4_{-20})^{1} + \uparrow M3_{-10}(\downarrow m6_{+10})^{1} + \uparrow P5_{+45}(\downarrow P4_{-45})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000242 = 2^{1}\bullet 3^{3}\bullet 17^{1}\bullet 83^{1}\bullet 13124393^{1} =$

$\mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow P4_{-50}(\downarrow P5_{+50})^{1} + \uparrow m6_{-25}(\downarrow M3_{+25})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000243 = 167317^{1}\bullet 5976679^{1} = \mathbf{(1) + \uparrow M3_{+23}(\downarrow m6_{-23})^{1} + \uparrow tt_{+13}(\downarrow tt_{-13})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000244 = 2^{2}\bullet 7^{1}\bullet 31^{1}\bullet 1152073733^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1} + \uparrow m2_{+22}(\downarrow M7_{-22})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000245 = 3^{1}\bullet 5^{1}\bullet 4241^{1}\bullet 15719563^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m2_{-40}(\downarrow M7_{+40})^{1} + \uparrow M7_{-13}(\downarrow m2_{+13})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000246 = 2^{1}\bullet 13^{1}\bullet 67^{1}\bullet 251^{1}\bullet 2287063^{1} =$

$\mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m2_{-21}(\downarrow M7_{+21})^{1} + \uparrow 8ve_{-34}(\downarrow uni_{+34})^{1} + \uparrow M2_{-50}(\downarrow m7_{+50})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000247 = 61^{1}\bullet 331^{1}\bullet 367^{1}\bullet 134951^{1} = \mathbf{(1) + \uparrow M7_{+17}(\downarrow m2_{-17})^{1} + \uparrow M3_{+45}(\downarrow m6_{-45})^{1} + \uparrow tt_{+24}(\downarrow tt_{-24})^{1} + \uparrow m2_{-50}(\downarrow M7_{+50})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000248 = 2^{3}\bullet 3^{1}\bullet 41666666677^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m3_{+34}(\downarrow M6_{-34})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000249 = 53^{1}\bullet 18867924533^{1} = \mathbf{(1) + \uparrow M6_{-26}(\downarrow m3_{+26})^{1} + \uparrow M2_{-38}(\downarrow m7_{+38})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000250 = 2^{1}\bullet 5^{3}\bullet 47^{1}\bullet 127^{1}\bullet 670129^{1} =$

$\mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{3} + \uparrow P5_{-34}(\downarrow P4_{+34})^{1} + \uparrow 8ve_{-14}(\downarrow uni_{+14})^{1} + \uparrow M3_{+25}(\downarrow m6_{-25})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000251 = 3^{2}\bullet 7^{1}\bullet 89^{1}\bullet 11059^{1}\bullet 16127^{1} =$

$\mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow tt_{-29}(\downarrow tt_{+29})^{1} + \uparrow P4_{+20}(\downarrow P5_{-20})^{1} + \uparrow 8ve_{-27}(\downarrow uni_{+27})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000252 = 2^{2}\bullet 11^{2}\bullet 5261^{1}\bullet 392723^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow tt_{-49}(\downarrow tt_{+49})^{2} + \uparrow M3_{+33}(\downarrow m6_{-33})^{1} + \uparrow P5_{+0}(\downarrow P4_{-0})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000253 = 811^{1}\bullet 28463^{1}\bullet 43321^{1} = \mathbf{(1) + \uparrow m6_{-4}(\downarrow M3_{+4})^{1} + \uparrow m7_{-44}(\downarrow M2_{+44})^{1} + \uparrow P4_{-17}(\downarrow P5_{+17})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000254 = 2^{1}\bullet 3^{1}\bullet 166666666709^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m3_{+34}(\downarrow M6_{-34})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000255 = 5^{1}\bullet 1031^{1}\bullet 193986421^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow uni_{+12}(\downarrow 8ve_{-12})^{1} + \uparrow tt_{+38}(\downarrow tt_{-38})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000256 = 2^{8}\bullet 457^{1}\bullet 8547593^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{8} + \uparrow m7_{+3}(\downarrow M2_{-3})^{1} + \uparrow uni_{+33}(\downarrow 8ve_{-33})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000257 = 3^{1}\bullet 333333333419^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m3_{+34}(\downarrow M6_{-34})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000258 = 2^{1}\bullet 7^{1}\bullet 37^{1}\bullet 151^{1}\bullet 3119^{1}\bullet 4099^{1} =$

$\mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m3_{-49}(\downarrow M6_{+49})^{1} + \uparrow m3_{-14}(\downarrow M6_{+14})^{1} + \uparrow P5_{+28}(\downarrow P4_{-28})^{1} + \uparrow uni_{+1}(\downarrow 8ve_{-1})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000259 = 13^{1}\bullet 17^{1}\bullet 19^{1}\bullet 14207^{1}\bullet 16763^{1} =$

$\mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow m7_{-47}(\downarrow M2_{+47})^{1} + \uparrow uni_{+40}(\downarrow 8ve_{-40})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000260 = 2^2 \bullet 3^2 \bullet 5^1 \bullet 5555555557^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow M3_{+46}(\downarrow m6_{-46})^1} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000261 = 109^1 \bullet 38053^1 \bullet 241093^1 = \mathbf{(1) + \uparrow M6_{+22}(\downarrow m3_{-22})^1 + \uparrow m3_{-41}(\downarrow M6_{+41})^1 + \uparrow M7_{-45}(\downarrow m2_{+45})^1} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000262 = 2^1 \bullet 500000000131^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{+36}(\downarrow M2_{-36})^1} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000263 = 3^1 \bullet 11^1 \bullet 23^1 \bullet 9973^1 \bullet 132109^1 =$

$\mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow m3_{+41}(\downarrow M6_{-41})^1 + \uparrow uni_{+14}(\downarrow 8ve_{-14})^1} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000264 = 2^3 \bullet 284341^1 \bullet 439613^1 = \mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow m2_{+41}(\downarrow M7_{-41})^1 + \uparrow M6_{-5}(\downarrow m3_{+5})^1} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000265 = 5^1 \bullet 7^1 \bullet 107^1 \bullet 267022697^1 =$

$\mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow M6_{-10}(\downarrow m3_{+10})^1 + \uparrow 8ve_{-9}(\downarrow uni_{+9})^1} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000266 = 2^1 \bullet 3^1 \bullet 71^1 \bullet 2347417841^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M2_{-20}(\downarrow m7_{+20})^1 + \uparrow M2_{-46}(\downarrow m7_{+46})^1} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000267 = 823^1 \bullet 1215066829^1 = \mathbf{(1) + \uparrow m6_{+22}(\downarrow M3_{-22})^1 + \uparrow M2_{+14}(\downarrow m7_{-14})^1} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000268 = 2^2 \bullet 217163^1 \bullet 1151209^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow M6_{-26}(\downarrow m3_{+26})^1 + \uparrow M2_{-38}(\downarrow m7_{+38})^1} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000269 = 3^3 \bullet 41^1 \bullet 2521^1 \bullet 358327^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow M3_{+29}(\downarrow m6_{-29})^1 + \uparrow M3_{-40}(\downarrow m6_{+40})^1 + \uparrow P4_{+41}(\downarrow P5_{-41})^1} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000270 = 2^1 \bullet 5^1 \bullet 29^1 \bullet 3448275863^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1 + \uparrow m6_{+20}(\downarrow M3_{-20})^1} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000271 = 1000000000271^1 = \mathbf{(1) + \uparrow m7_{+36}(\downarrow M2_{-36})}$

$1000000000272 = 2^4 \bullet 3^1 \bullet 7^1 \bullet 13^1 \bullet 228937729^1 =$

$\mathbf{(1) + \updownarrow 8ve(uni)^4 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow M6_{+24}(\downarrow m3_{-24})^1} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000273 = 59^1 \bullet 86767^1 \bullet 195341^1 = \mathbf{(1) + \uparrow M7_{-41}(\downarrow m2_{+41})^1 + \uparrow P4_{-14}(\downarrow P5_{+14})^1 + \uparrow P5_{-9}(\downarrow P4_{+9})^1} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000274 = 2^1 \bullet 11^1 \bullet 45454545467^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow P4_{-16}(\downarrow P5_{+16})^1} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000275 = 3^1 \bullet 5^2 \bullet 31^1 \bullet 137^1 \bullet 3139471^1 =$

$\mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow M7_{+45}(\downarrow m2_{-45})^1 + \uparrow m2_{+18}(\downarrow M7_{-18})^1 + \uparrow P5_{-1}(\downarrow P4_{+1})^1} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000276 = 2^2 \bullet 17^1 \bullet 541^1 \bullet 27182777^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow m2_{-5}(\downarrow M7_{+5})^1 + \uparrow m6_{+35}(\downarrow M3_{-35})^1} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000277 = 189997^1 \bullet 5263241^1 = \mathbf{(1) + \uparrow tt_{+43}(\downarrow tt_{-43})^1 + \uparrow M3_{-7}(\downarrow m6_{+7})^1} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000278 = 2^1 \bullet 3^2 \bullet 19^1 \bullet 2923976609^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow P4_{+34}(\downarrow P5_{-34})^1} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000279 = 7^2 \bullet 9587^1 \bullet 2128733^1 = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^2 + \uparrow m3_{-28}(\downarrow M6_{+28})^1 + \uparrow uni_{+26}(\downarrow 8ve_{-26})^1} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000280 = 2^3 \bullet 5^1 \bullet 43^1 \bullet 181^1 \bullet 269^1 \bullet 11941^1 =$

$\mathbf{(1) + \updownarrow 8ve(uni)^3 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow P4_{+12}(\downarrow P5_{-12})^1 + \uparrow tt_{+0}(\downarrow tt_{-0})^1 + \uparrow m2_{-14}(\downarrow M7_{+14})^1 + \uparrow P5_{-48}(\downarrow P4_{+48})^1} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000281 = 3^1 \bullet 333333333427^1 = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m3_{+34}(\downarrow M6_{-34})^1} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000282 = 2^1 \bullet 223^1 \bullet 6917^1 \bullet 324151^1 = \mathbf{(1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{-39}(\downarrow M2_{+39})^1 + \uparrow M6_{+7}(\downarrow m3_{-7})^1 + \uparrow M3_{-32}(\downarrow m6_{+32})^1} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000283 = 42979^1 \bullet 23267177^1 = \mathbf{(1) + \uparrow P4_{-30}(\downarrow P5_{+30})^1 + \uparrow tt_{-34}(\downarrow tt_{+34})^1} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000284 = 2^2 \bullet 3^1 \bullet 83333333357^1 = \mathbf{(1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m3_{+34}(\downarrow M6_{-34})^1} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000285 = 5^{1}\bullet 11^{1}\bullet 13^{2}\bullet 107584723^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{2} + \uparrow m6_{+17}(\downarrow M3_{-17})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000286 = 2^{1}\bullet 7^{1}\bullet 23^{1}\bullet 3105590063^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow tt_{+39}(\downarrow tt_{-39})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000287 = 3^{2}\bullet 2719^{1}\bullet 40864697^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow P4_{-9}(\downarrow P5_{+9})^{1} + \uparrow m3_{+41}(\downarrow M6_{-41})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000288 = 2^{5}\bullet 31250000009^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{5} + \uparrow m7_{+36}(\downarrow M2_{-36})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000289 = 50273^{1}\bullet 19891393^{1} = \mathbf{(1) + \uparrow P5_{+41}(\downarrow P4_{-41})^{1} + \uparrow m3_{-5}(\downarrow M6_{+5})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000290 = 2^{1}\bullet 3^{1}\bullet 5^{1}\bullet 33333333343^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M7_{+47}(\downarrow m2_{-47})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000291 = 1279^{1}\bullet 781860829^{1} = \mathbf{(1) + \uparrow M3_{-15}(\downarrow m6_{+15})^{1} + \uparrow P5_{-49}(\downarrow P4_{+49})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000292 = 2^{2}\bullet 7759^{1}\bullet 32220647^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M7_{+6}(\downarrow m2_{-6})^{1} + \uparrow M7_{+30}(\downarrow m2_{-30})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000293 = 3^{1}\bullet 7^{1}\bullet 17^{1}\bullet 73^{1}\bullet 38371513^{1} =$

$\mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow M2_{+28}(\downarrow m7_{-28})^{1} + \uparrow M2_{+32}(\downarrow m7_{-32})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000294 = 2^{1}\bullet 500000000147^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{+36}(\downarrow M2_{-36})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000295 = 5^{1}\bullet 37^{1}\bullet 26119^{1}\bullet 206953^{1} =$

$\mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m3_{-49}(\downarrow M6_{+49})^{1} + \uparrow m6_{+7}(\downarrow M3_{-7})^{1} + \uparrow m6_{-9}(\downarrow M3_{+9})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000296 = 2^{3}\bullet 3^{4}\bullet 11^{1}\bullet 140291807^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{+2}(\downarrow P4_{-2})^{4} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m2_{-23}(\downarrow M7_{+23})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000297 = 19^{1}\bullet 47^{1}\bullet 6491^{1}\bullet 172519^{1} = \mathbf{(1) + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow P5_{-34}(\downarrow P4_{+34})^{1} + \uparrow m6_{-3}(\downarrow M3_{+3})^{1} + \uparrow P4_{-24}(\downarrow P5_{+24})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000298 = 2^{1}\bullet 13^{1}\bullet 38461538473^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow M2_{-5}(\downarrow m7_{+5})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000299 = 3^{1}\bullet 29^{1}\bullet 11494252877^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1} + \uparrow P4_{+4}(\downarrow P5_{-4})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000300 = 2^{2}\bullet 5^{2}\bullet 7^{1}\bullet 1428571429^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow P4_{-6}(\downarrow P5_{+6})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000301 = 103^{1}\bullet 163^{1}\bullet 59562809^{1} = \mathbf{(1) + \uparrow m6_{+24}(\downarrow M3_{-24})^{1} + \uparrow M3_{+18}(\downarrow m6_{-18})^{1} + \uparrow m7_{-7}(\downarrow M2_{+7})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000302 = 2^{1}\bullet 3^{1}\bullet 53^{1}\bullet 101^{1}\bullet 149^{1}\bullet 208961^{1} =$

$\mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M6_{-26}(\downarrow m3_{+26})^{1} + \uparrow m6_{-10}(\downarrow M3_{+10})^{1} + \uparrow m3_{-37}(\downarrow M6_{+37})^{1} + \uparrow m6_{+7}(\downarrow M3_{-7})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000303 = 1000000000303^{1} = \mathbf{(1) + \uparrow m7_{+36}(\downarrow M2_{-36})}$

$1000000000304 = 2^{4}\bullet 62500000019^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow m7_{+36}(\downarrow M2_{-36})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000305 = 3^{2}\bullet 5^{1}\bullet 145501^{1}\bullet 152729^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M2_{-19}(\downarrow m7_{+19})^{1} + \uparrow m3_{-35}(\downarrow M6_{+35})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000306 = 2^{1}\bullet 31^{1}\bullet 13553^{1}\bullet 1190071^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1} + \uparrow M6_{-28}(\downarrow m3_{+28})^{1} + \uparrow M2_{+19}(\downarrow m7_{-19})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000307 = 7^{1}\bullet 11^{1}\bullet 11149^{1}\bullet 1164859^{1} =$

$\mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow P4_{+34}(\downarrow P5_{-34})^{1} + \uparrow M2_{-18}(\downarrow m7_{+18})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000308 = 2^{2}\bullet 3^{1}\bullet 61^{1}\bullet 79^{1}\bullet 17292661^{1} =$

$\mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M7_{+17}(\downarrow m2_{-17})^{1} + \uparrow M3_{-35}(\downarrow m6_{+35})^{1} + \uparrow m2_{-48}(\downarrow M7_{+48})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000309 = 23^{1}\bullet 557^{1}\bullet 78057919^{1} = \mathbf{(1) + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow m2_{+46}(\downarrow M7_{-46})^{1} + \uparrow m3_{-38}(\downarrow M6_{+38})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000310 = 2^{1}\bullet 5^{1}\bullet 17^{1}\bullet 41^{1}\bullet 263^{1}\bullet 545521^{1} =$

$\mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow M3_{+29}(\downarrow m6_{-29})^{1} + \uparrow uni_{+47}(\downarrow 8ve_{-47})^{1} + \uparrow m2_{-31}(\downarrow M7_{+31})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000311 = 3^{1}\bullet 13^{1}\bullet 8951^{1}\bullet 2864599^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow M2_{-47}(\downarrow m7_{+47})^{1} + \uparrow P4_{+40}(\downarrow P5_{-40})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000312 = 2^{3}\bullet 125000000039^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow m7_{+36}(\downarrow M2_{-36})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000313 = 67^{1}\bullet 28979^{1}\bullet 515041^{1} = \mathbf{(1) + \uparrow m2_{-21}(\downarrow M7_{+21})^{1} + \uparrow m7_{-13}(\downarrow M2_{+13})^{1} + \uparrow 8ve_{-31}(\downarrow uni_{+31})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000314 = 2^{1}\bullet 3^{2}\bullet 7^{1}\bullet 2741^{1}\bullet 2895479^{1} =$

$\mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow P4_{+5}(\downarrow P5_{-5})^{1} + \uparrow tt_{-42}(\downarrow tt_{+42})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000315 = 5^{1}\bullet 227^{1}\bullet 881057269^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-8}(\downarrow M2_{+8})^{1} + \uparrow M6_{-42}(\downarrow m3_{+42})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000316 = 2^{2}\bullet 19^{1}\bullet 1117^{1}\bullet 11779673^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow M2_{-50}(\downarrow m7_{+50})^{1} + \uparrow tt_{-12}(\downarrow tt_{+12})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000317 = 3^{1}\bullet 487^{1}\bullet 684462697^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M7_{+13}(\downarrow m2_{-13})^{1} + \uparrow M3_{+20}(\downarrow m6_{-20})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000318 = 2^{1}\bullet 11^{1}\bullet 167^{1}\bullet 2819^{1}\bullet 96553^{1} =$

$\mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow P4_{-40}(\downarrow P5_{+40})^{1} + \uparrow tt_{-47}(\downarrow tt_{+47})^{1} + \uparrow P5_{-29}(\downarrow P4_{+29})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000319 = 1723^{1}\bullet 580383053^{1} = \mathbf{(1) + \uparrow M6_{+1}(\downarrow m3_{-1})^{1} + \uparrow m2_{+35}(\downarrow M7_{-35})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000320 = 2^{6}\bullet 3^{1}\bullet 5^{1}\bullet 13921^{1}\bullet 74827^{1} =$

$\mathbf{(1) + \updownarrow 8ve(uni)^{6} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M6_{+18}(\downarrow m3_{-18})^{1} + \uparrow M2_{+30}(\downarrow m7_{-30})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000321 = 7^{1}\bullet 142857142903^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m2_{-33}(\downarrow M7_{+33})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000322 = 2^{1}\bullet 829^{1}\bullet 3793^{1}\bullet 159013^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m6_{+34}(\downarrow M3_{-34})^{1} + \uparrow M7_{-33}(\downarrow m2_{+33})^{1} + \uparrow m3_{+35}(\downarrow M6_{-35})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000323 = 3^{3}\bullet 43^{1}\bullet 641^{1}\bullet 1343723^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow P4_{+12}(\downarrow P5_{-12})^{1} + \uparrow M3_{-11}(\downarrow m6_{+11})^{1} + \uparrow M3_{+29}(\downarrow m6_{-29})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000324 = 2^{2}\bullet 13^{1}\bullet 701^{1}\bullet 709^{1}\bullet 38693^{1} =$

$\mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow P4_{+44}(\downarrow P5_{-44})^{1} + \uparrow tt_{-36}(\downarrow tt_{+36})^{1} + \uparrow m3_{-12}(\downarrow M6_{+12})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000325 = 5^{2}\bullet 83^{1}\bullet 113^{1}\bullet 4264847^{1} =$

$\mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow P4_{-50}(\downarrow P5_{+50})^{1} + \uparrow m7_{-16}(\downarrow M2_{+16})^{1} + \uparrow uni_{+29}(\downarrow 8ve_{-29})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000326 = 2^{1}\bullet 3^{1}\bullet 337081^{1}\bullet 494441^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{+35}(\downarrow m6_{-35})^{1} + \uparrow M7_{-1}(\downarrow m2_{+1})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000327 = 17^{1}\bullet 58823529431^{1} = \mathbf{(1) + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow M6_{+31}(\downarrow m3_{-31})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000328 = 2^{3}\bullet 7^{4}\bullet 29^{1}\bullet 1795229^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow m7_{-31}(\downarrow M2_{+31})^{4} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1} + \uparrow M6_{+31}(\downarrow m3_{-31})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000329 = 3^{1}\bullet 11^{1}\bullet 97103^{1}\bullet 312071^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow P5_{-19}(\downarrow P4_{+19})^{1} + \uparrow m3_{+2}(\downarrow M6_{-2})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000330 = 2^{1}\bullet 5^{1}\bullet 3779^{1}\bullet 26462027^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M7_{-39}(\downarrow m2_{+39})^{1} + \uparrow m6_{-11}(\downarrow M3_{+11})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000331 = 1000000000331^{1} = \mathbf{(1) + \uparrow m7_{+36}(\downarrow M2_{-36})}$

$1000000000332 = 2^{2}\bullet 3^{2}\bullet 23^{1}\bullet 37^{1}\bullet 59^{2}\bullet 9377^{1} =$

$\mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow m3_{-49}(\downarrow M6_{+49})^{1} + \uparrow M7_{-41}(\downarrow m2_{+41})^{2} + \uparrow M2_{+34}(\downarrow m7_{-34})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000333 = 1000000000333^{1} = \mathbf{(1) + \uparrow m7_{+36}(\downarrow M2_{-36})}$

$1000000000334 = 2^{1}\bullet 86257^{1}\bullet 5796631^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P4_{-24}(\downarrow P5_{+24})^{1} + \uparrow tt_{-40}(\downarrow tt_{+40})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000335 = 3^{1}\bullet 5^{1}\bullet 7^{1}\bullet 19^{1}\bullet 233^{1}\bullet 2151301^{1} =$

$\mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} +}$

$\mathbf{\uparrow m7_{+37}(\downarrow M2_{-37})^{1} + \uparrow uni_{+44}(\downarrow 8ve_{-44})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000336 = 2^{4}\bullet 191^{1}\bullet 193^{1}\bullet 1695467^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow P5_{-7}(\downarrow P4_{+7})^{1} + \uparrow P5_{+11}(\downarrow P4_{-11})^{1} + \uparrow m6_{+32}(\downarrow M3_{-32})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000337 = 13^{1}\bullet 31^{1}\bullet 71^{1}\bullet 821^{1}\bullet 42569^{1} =$

$\mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1} + \uparrow M2_{-20}(\downarrow m7_{+20})^{1} + \uparrow m6_{+17}(\downarrow M3_{-17})^{1} + \uparrow P4_{-47}(\downarrow P5_{+47})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000338 = 2^{1}\bullet 3^{1}\bullet 97^{1}\bullet 18539^{1}\bullet 92681^{1} =$

$\mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow P5_{+20}(\downarrow P4_{-20})^{1} + \uparrow M2_{+14}(\downarrow m7_{-14})^{1} + \uparrow tt_{+0}(\downarrow tt_{-0})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000339 = 1000000000339^{1} = \mathbf{(1) + \uparrow m7_{+36}(\downarrow M2_{-36})}$

$1000000000340 = 2^{2}\bullet 5^{1}\bullet 11^{1}\bullet 89^{1}\bullet 313^{1}\bullet 163171^{1} =$

$\mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow tt_{-29}(\downarrow tt_{+29})^{1} + \uparrow m3_{+48}(\downarrow M6_{-48})^{1} + \uparrow M3_{-21}(\downarrow m6_{+21})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000341 = 3^{2}\bullet 111111111149^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m6_{+32}(\downarrow M3_{-32})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000342 = 2^{1}\bullet 7^{1}\bullet 1103^{1}\bullet 64758451^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m2_{+29}(\downarrow M7_{-29})^{1} + \uparrow M7_{+38}(\downarrow m2_{-38})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000343 = 10007^{1}\bullet 99930049^{1} = \mathbf{(1) + \uparrow m3_{+46}(\downarrow M6_{-46})^{1} + \uparrow P5_{-11}(\downarrow P4_{+11})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000344 = 2^{3}\bullet 3^{1}\bullet 17^{1}\bullet 47^{1}\bullet 52148519^{1} =$

$\mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow P5_{-34}(\downarrow P4_{+34})^{1} + \uparrow m6_{-37}(\downarrow M3_{+37})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000345 = 5^{1}\bullet 257^{1}\bullet 778210117^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow uni_{+7}(\downarrow 8ve_{-7})^{1} + \uparrow tt_{+43}(\downarrow tt_{-43})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000346 = 2^{1}\bullet 500000000173^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{+36}(\downarrow M2_{-36})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000347 = 3^{1}\bullet 333333333449^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m3_{+34}(\downarrow M6_{-34})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000348 = 2^{2}\bullet 11491^{1}\bullet 21756157^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow tt_{-14}(\downarrow tt_{+14})^{1} + \uparrow M3_{+50}(\downarrow m6_{-50})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000349 = 7^{1}\bullet 142857142907^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m2_{-33}(\downarrow M7_{+33})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000350 = 2^{1}\bullet 3^{3}\bullet 5^{2}\bullet 13^{1}\bullet 6353^{1}\bullet 8969^{1} =$

$\mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m6_{-40}(\downarrow M3_{+40})^{1} + \uparrow M2_{-43}(\downarrow m7_{+43})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000351 = 11^{1}\bullet 41^{1}\bullet 2217294901^{1} = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow M3_{+29}(\downarrow m6_{-29})^{1} + \uparrow m2_{-45}(\downarrow M7_{+45})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000352 = 2^{5}\bullet 1607^{1}\bullet 19446173^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{5} + \uparrow m6_{-20}(\downarrow M3_{+20})^{1} + \uparrow m3_{-44}(\downarrow M6_{+44})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000353 = 3^{1}\bullet 2309^{1}\bullet 144362639^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M2_{+8}(\downarrow m7_{-8})^{1} + \uparrow m2_{+26}(\downarrow M7_{-26})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000354 = 2^{1}\bullet 19^{1}\bullet 26315789483^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow P5_{+38}(\downarrow P4_{-38})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000355 = 5^{1}\bullet 23^{1}\bullet 53^{1}\bullet 164068909^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow M6_{-26}(\downarrow m3_{+26})^{1} + \uparrow m3_{+48}(\downarrow M6_{-48})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000356 = 2^{2}\bullet 3^{1}\bullet 7^{1}\bullet 11904761909^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow tt_{-35}(\downarrow tt_{+35})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000357 = 29^{1}\bullet 449^{1}\bullet 2857^{1}\bullet 26881^{1} = \mathbf{(1) + \uparrow m7_{+30}(\downarrow M2_{-30})^{1} + \uparrow m7_{-27}(\downarrow M2_{+27})^{1} + \uparrow tt_{-24}(\downarrow tt_{+24})^{1} + \uparrow M6_{-43}(\downarrow m3_{+43})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000358 = 2^{1}\bullet 345463^{1}\bullet 1447333^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P4_{-22}(\downarrow P5_{+22})^{1} + \uparrow tt_{-42}(\downarrow tt_{+42})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000359 = 3^{2}\bullet 131^{1}\bullet 433^{1}\bullet 1958837^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow uni_{+40}(\downarrow 8ve_{-40})^{1} + \uparrow M6_{+10}(\downarrow m3_{-10})^{1} + \uparrow M7_{-18}(\downarrow m2_{+18})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000360 = 2^{3}\bullet5^{1}\bullet1609^{1}\bullet15537601^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m6_{-18}(\downarrow M3_{+18})^{1} + \uparrow M7_{-33}(\downarrow m2_{+33})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000361 = 17^{1}\bullet24593^{1}\bullet2391881^{1} = \mathbf{(1) + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow P5_{+3}(\downarrow P4_{-3})^{1} + \uparrow M2_{+28}(\downarrow m7_{-28})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000362 = 2^{1}\bullet3^{1}\bullet11^{1}\bullet5741^{1}\bullet2639177^{1} =$

$\mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow tt_{-15}(\downarrow tt_{+15})^{1} + \uparrow M3_{-2}(\downarrow m6_{+2})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000363 = 7^{1}\bullet13^{1}\bullet10989010993^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow M3_{+26}(\downarrow m6_{-26})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000364 = 2^{2}\bullet11497^{1}\bullet21744803^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow tt_{-13}(\downarrow tt_{+13})^{1} + \uparrow M3_{+49}(\downarrow m6_{-49})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000365 = 3^{1}\bullet5^{1}\bullet11057^{1}\bullet6029363^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow P4_{+19}(\downarrow P5_{-19})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000366 = 2^{1}\bullet43^{1}\bullet73^{1}\bullet1319^{1}\bullet120763^{1} =$

$\mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P4_{+12}(\downarrow P5_{-12})^{1} + \uparrow M2_{+28}(\downarrow m7_{-28})^{1} + \uparrow M3_{+38}(\downarrow m6_{-38})^{1} + \uparrow M7_{-42}(\downarrow m2_{+42})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000367 = 479^{1}\bullet2087682673^{1} = \mathbf{(1) + \uparrow M7_{-15}(\downarrow m2_{+15})^{1} + \uparrow 8ve_{-49}(\downarrow uni_{+49})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000368 = 2^{4}\bullet3^{2}\bullet31^{1}\bullet1783^{1}\bullet125639^{1} =$

$\mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1} + \uparrow m7_{-40}(\downarrow M2_{+40})^{1} + \uparrow M7_{+27}(\downarrow m2_{-27})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000369 = 37^{1}\bullet61^{1}\bullet12917^{1}\bullet34301^{1} =$

$\mathbf{(1) + \uparrow m3_{-49}(\downarrow M6_{+49})^{1} + \uparrow M7_{+17}(\downarrow m2_{-17})^{1} + \uparrow m6_{-12}(\downarrow M3_{+12})^{1} + \uparrow m2_{-21}(\downarrow M7_{+21})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000370 = 2^{1}\bullet5^{1}\bullet7^{1}\bullet109^{1}\bullet199^{1}\bullet658601^{1} =$

$\mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M6_{+22}(\downarrow m3_{-22})^{1} + \uparrow m6_{-36}(\downarrow M3_{+36})^{1} + \uparrow M3_{-5}(\downarrow m6_{+5})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000371 = 3^{1}\bullet23773^{1}\bullet14021509^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{+44}(\downarrow tt_{-44})^{1} + \uparrow M6_{-11}(\downarrow m3_{+11})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000372 = 2^{2}\bullet107^{1}\bullet2336448599^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M6_{-10}(\downarrow m3_{+10})^{1} + \uparrow m2_{+46}(\downarrow M7_{-46})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000373 = 11^{2}\bullet19^{1}\bullet139^{1}\bullet421^{1}\bullet7433^{1} =$

$\mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^{2} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow m2_{+43}(\downarrow M7_{-43})^{1} + \uparrow M6_{-39}(\downarrow m3_{+39})^{1} + \uparrow m7_{+32}(\downarrow M2_{-32})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000374 = 2^{1}\bullet3^{1}\bullet166666666729^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m3_{+34}(\downarrow M6_{-34})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000375 = 5^{3}\bullet677^{1}\bullet11816839^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{3} + \uparrow P4_{-16}(\downarrow P5_{+16})^{1} + \uparrow tt_{-7}(\downarrow tt_{+7})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000376 = 2^{3}\bullet13^{1}\bullet863^{1}\bullet991^{1}\bullet11243^{1} =$

$\mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow M6_{+4}(\downarrow m3_{-4})^{1} + \uparrow M7_{+43}(\downarrow m2_{-43})^{1} + \uparrow P4_{+48}(\downarrow P5_{-48})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000377 = 3^{7}\bullet7^{2}\bullet127^{1}\bullet73477^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{7} + \uparrow m7_{-31}(\downarrow M2_{+31})^{2} + \uparrow 8ve_{-14}(\downarrow uni_{+14})^{1} + \uparrow M2_{-2}(\downarrow m7_{+2})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000378 = 2^{1}\bullet17^{1}\bullet23^{1}\bullet157^{1}\bullet8145047^{1} =$

$\mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow M3_{-46}(\downarrow m6_{+46})^{1} + \uparrow M7_{+49}(\downarrow m2_{-49})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000379 = 173^{1}\bullet853^{1}\bullet6776491^{1} = \mathbf{(1) + \uparrow P4_{+22}(\downarrow P5_{-22})^{1} + \uparrow M6_{-16}(\downarrow m3_{+16})^{1} + \uparrow m6_{+31}(\downarrow M3_{-31})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000380 = 2^{2}\bullet3^{1}\bullet5^{1}\bullet67^{1}\bullet239^{1}\bullet1040821^{1} =$

$\mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m2_{-21}(\downarrow M7_{+21})^{1} + \uparrow M7_{-19}(\downarrow m2_{+19})^{1} + \uparrow 8ve_{-13}(\downarrow uni_{+13})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000381 = 1151^{1}\bullet868809731^{1} = \mathbf{(1) + \uparrow M2_{+2}(\downarrow m7_{-2})^{1} + \uparrow m6_{+33}(\downarrow M3_{-33})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000382 = 2^{1}\bullet500000000191^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{+36}(\downarrow M2_{-36})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000383 = 3^{1}\bullet108191^{1}\bullet3080971^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M6_{-32}(\downarrow m3_{+32})^{1} + \uparrow P5_{-34}(\downarrow P4_{+34})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000384 = 2^{7}\bullet 7^{1}\bullet 11^{1}\bullet 409^{1}\bullet 248071^{1} =$

$\mathbf{(1) + \updownarrow 8ve(uni)^{7} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m6_{+11}(\downarrow M3_{-11})^{1} + \uparrow M7_{+4}(\downarrow m2_{-4})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000385 = 5^{1}\bullet 200000000077^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{+49}(\downarrow tt_{-49})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000386 = 2^{1}\bullet 3^{2}\bullet 29^{1}\bullet 349^{1}\bullet 5489137^{1} =$

$\mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1} + \uparrow P4_{+36}(\downarrow P5_{-36})^{1} + \uparrow P4_{-34}(\downarrow P5_{+34})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000387 = 79^{1}\bullet 401^{1}\bullet 509^{1}\bullet 62017^{1} = \mathbf{(1) + \uparrow M3_{-35}(\downarrow m6_{+35})^{1} + \uparrow m6_{-23}(\downarrow M3_{+23})^{1} + \uparrow 8ve_{-10}(\downarrow uni_{+10})^{1} + \uparrow M7_{+4}(\downarrow m2_{-4})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000388 = 2^{2}\bullet 250000000097^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m7_{+36}(\downarrow M2_{-36})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000389 = 3^{1}\bullet 13^{1}\bullet 25641025651^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow P5_{-7}(\downarrow P4_{+7})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000390 = 2^{1}\bullet 5^{1}\bullet 16187^{1}\bullet 6177797^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow 8ve_{-21}(\downarrow uni_{+21})^{1} + \uparrow P5_{-30}(\downarrow P4_{+30})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000391 = 7^{1}\bullet 47^{1}\bullet 59^{1}\bullet 51517181^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow P5_{-34}(\downarrow P4_{+34})^{1} + \uparrow M7_{-41}(\downarrow m2_{+41})^{1} + \uparrow P5_{+42}(\downarrow P4_{-42})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000392 = 2^{3}\bullet 3^{1}\bullet 19^{1}\bullet 41^{1}\bullet 443^{1}\bullet 120739^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow M3_{+29}(\downarrow m6_{-29})^{1} +}$
$\mathbf{\uparrow M6_{+49}(\downarrow m3_{-49})^{1} + \uparrow M7_{-42}(\downarrow m2_{+42})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000393 = 59393^{1}\bullet 16837001^{1} = \mathbf{(1) + \uparrow m7_{+30}(\downarrow M2_{-30})^{1} + \uparrow uni_{+6}(\downarrow 8ve_{-6})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000394 = 2^{1}\bullet 44587^{1}\bullet 11214031^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P4_{+33}(\downarrow P5_{-33})^{1} + \uparrow P4_{+3}(\downarrow P5_{-3})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000395 = 3^{2}\bullet 5^{1}\bullet 11^{1}\bullet 17^{1}\bullet 241^{1}\bullet 493093^{1} =$

$\mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow M7_{-5}(\downarrow m2_{+5})^{1} + \uparrow M7_{-6}(\downarrow m2_{+6})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000396 = 2^{2}\bullet 250000000099^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m7_{+36}(\downarrow M2_{-36})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000397 = 787^{1}\bullet 1270648031^{1} = \mathbf{(1) + \uparrow P5_{+44}(\downarrow P4_{-44})^{1} + \uparrow m3_{-8}(\downarrow M6_{+8})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000398 = 2^{1}\bullet 3^{1}\bullet 7^{1}\bullet 197^{1}\bullet 283^{1}\bullet 427069^{1} =$

$\mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow P5_{+46}(\downarrow P4_{-46})^{1} + \uparrow M2_{-26}(\downarrow m7_{+26})^{1} + \uparrow m6_{+45}(\downarrow M3_{-45})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000399 = 31^{1}\bullet 179^{1}\bullet 1741^{1}\bullet 103511^{1} = \mathbf{(1) + \uparrow M7_{+45}(\downarrow m2_{-45})^{1} + \uparrow tt_{-19}(\downarrow tt_{+19})^{1} + \uparrow M6_{+19}(\downarrow m3_{-19})^{1} + \uparrow m6_{-9}(\downarrow M3_{+9})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000400 = 2^{4}\bullet 5^{2}\bullet 2500000001^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow m3_{-37}(\downarrow M6_{+37})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000401 = 3^{1}\bullet 23^{2}\bullet 630119723^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{2} + \uparrow m3_{-23}(\downarrow M6_{+23})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000402 = 2^{1}\bullet 13^{1}\bullet 38461538477^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow M2_{-5}(\downarrow m7_{+5})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000403 = 101^{1}\bullet 45553^{1}\bullet 217351^{1} = \mathbf{(1) + \uparrow m6_{-10}(\downarrow M3_{+10})^{1} + \uparrow tt_{-30}(\downarrow tt_{+30})^{1} + \uparrow M6_{-24}(\downarrow m3_{+24})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000404 = 2^{2}\bullet 3^{3}\bullet 103^{1}\bullet 89895721^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow m6_{+24}(\downarrow M3_{-24})^{1} + \uparrow P4_{+6}(\downarrow P5_{-6})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000405 = 5^{1}\bullet 7^{1}\bullet 563^{1}\bullet 569^{1}\bullet 89189^{1} =$

$\mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M2_{-36}(\downarrow m7_{+36})^{1} + \uparrow M2_{-17}(\downarrow m7_{+17})^{1} + \uparrow P4_{+33}(\downarrow P5_{-33})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000406 = 2^{1}\bullet 11^{1}\bullet 37^{1}\bullet 23671^{1}\bullet 51899^{1} =$

$\mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m3_{-49}(\downarrow M6_{+49})^{1} + \uparrow tt_{+37}(\downarrow tt_{-37})^{1} + \uparrow m6_{-4}(\downarrow M3_{+4})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000407 = 3^{1}\bullet 333333333469^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m3_{+34}(\downarrow M6_{-34})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000408 = 2^{3}\bullet 53^{1}\bullet 71^{1}\bullet 83^{1}\bullet 467^{1}\bullet 857^{1} =$

$\mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow M6_{-26}(\downarrow m3_{+26})^{1} + \uparrow M2_{-20}(\downarrow m7_{+20})^{1} + \uparrow P4_{-50}(\downarrow P5_{+50})^{1} + \uparrow m7_{+41}(\downarrow M2_{-41})^{1} + \uparrow M6_{-8}(\downarrow m3_{+8})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000409 = 43^{1}\bullet151^{1}\bullet154012013^{1} = \mathbf{(1) + \uparrow P4_{+12}(\downarrow P5_{-12})^{1} + \uparrow m3_{-14}(\downarrow M6_{+14})^{1} + \uparrow M2_{+38}(\downarrow m7_{-38})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000410 = 2^{1}\bullet3^{1}\bullet5^{1}\bullet33333333347^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M7_{+47}(\downarrow m2_{-47})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000411 = 19^{1}\bullet52631578969^{1} = \mathbf{(1) + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow P5_{+38}(\downarrow P4_{-38})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000412 = 2^{2}\bullet7^{1}\bullet17^{1}\bullet137^{1}\bullet1039^{1}\bullet14759^{1} =$

$\mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow m2_{+18}(\downarrow M7_{-18})^{1} + \uparrow uni_{+25}(\downarrow 8ve_{-25})^{1} + \uparrow m7_{+19}(\downarrow M2_{-19})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000413 = 3^{2}\bullet727^{1}\bullet152835091^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow tt_{+7}(\downarrow tt_{-7})^{1} + \uparrow M2_{+25}(\downarrow m7_{-25})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000414 = 2^{1}\bullet1657^{1}\bullet301750151^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m6_{+33}(\downarrow M3_{-33})^{1} + \uparrow M2_{+3}(\downarrow m7_{-3})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000415 = 5^{1}\bullet13^{1}\bullet29^{1}\bullet530503979^{1} =$

$\mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1} + \uparrow 8ve_{-21}(\downarrow uni_{+21})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000416 = 2^{5}\bullet3^{1}\bullet6143^{1}\bullet1695697^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{5} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m6_{+32}(\downarrow M3_{-32})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000417 = 11^{1}\bullet1153^{1}\bullet3361^{1}\bullet23459^{1} = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow M2_{+5}(\downarrow m7_{-5})^{1} + \uparrow M6_{-42}(\downarrow m3_{+42})^{1} + \uparrow tt_{+21}(\downarrow tt_{-21})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000418 = 2^{1}\bullet500000000209^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{+36}(\downarrow M2_{-36})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000419 = 3^{1}\bullet7^{1}\bullet47619047639^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow tt_{-35}(\downarrow tt_{+35})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000420 = 2^{2}\bullet5^{1}\bullet50000000021^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{+49}(\downarrow tt_{-49})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000421 = 57059^{1}\bullet17525719^{1} = \mathbf{(1) + \uparrow m7_{-40}(\downarrow M2_{+40})^{1} + \uparrow m2_{-24}(\downarrow M7_{+24})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000422 = 2^{1}\bullet3^{2}\bullet643^{2}\bullet134371^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M3_{-6}(\downarrow m6_{+6})^{2} + \uparrow uni_{+43}(\downarrow 8ve_{-43})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000423 = 353^{1}\bullet613^{1}\bullet4621307^{1} = \mathbf{(1) + \uparrow tt_{-44}(\downarrow tt_{+44})^{1} + \uparrow m3_{+12}(\downarrow M6_{-12})^{1} + \uparrow M2_{-32}(\downarrow m7_{+32})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000424 = 2^{3}\bullet23^{1}\bullet5434782611^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow M3_{+7}(\downarrow m6_{-7})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000425 = 3^{1}\bullet5^{2}\bullet13333333339^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow m6_{-39}(\downarrow M3_{+39})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000426 = 2^{1}\bullet7^{2}\bullet2339^{1}\bullet4362583^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{2} + \uparrow M2_{+30}(\downarrow m7_{-30})^{1} + \uparrow m2_{-32}(\downarrow M7_{+32})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000427 = 30853^{1}\bullet32411759^{1} = \mathbf{(1) + \uparrow M7_{-4}(\downarrow m2_{+4})^{1} + \uparrow M7_{+40}(\downarrow m2_{-40})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000428 = 2^{2}\bullet3^{1}\bullet11^{1}\bullet13^{1}\bullet582750583^{1} =$

$\mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m2_{+42}(\downarrow M7_{-42})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000429 = 17^{1}\bullet89^{1}\bullet8831^{1}\bullet74843^{1} = \mathbf{(1) + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow tt_{-29}(\downarrow tt_{+29})^{1} + \uparrow m2_{+30}(\downarrow M7_{-30})^{1} + \uparrow M2_{+30}(\downarrow m7_{-30})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000430 = 2^{1}\bullet5^{1}\bullet19^{1}\bullet31^{1}\bullet61^{1}\bullet2783267^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1} + \uparrow M7_{+17}(\downarrow m2_{-17})^{1} + \uparrow P4_{-10}(\downarrow P5_{+10})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000431 = 3^{3}\bullet439^{1}\bullet2579^{1}\bullet32713^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{3} + \uparrow M6_{+34}(\downarrow m3_{-34})^{1} + \uparrow M3_{-1}(\downarrow m6_{+1})^{1} + \uparrow 8ve_{-3}(\downarrow uni_{+3})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000432 = 2^{4}\bullet2833^{1}\bullet22061419^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow tt_{-38}(\downarrow tt_{+38})^{1} + \uparrow P4_{-26}(\downarrow P5_{+26})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000433 = 7^{1}\bullet41^{1}\bullet3484320559^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M3_{+29}(\downarrow m6_{-29})^{1} + \uparrow m6_{+38}(\downarrow M3_{-38})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000434 = 2^{1}\bullet3^{1}\bullet619^{1}\bullet13367^{1}\bullet20143^{1} =$

$\mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m3_{+29}(\downarrow M6_{-29})^{1} + \uparrow m6_{+48}(\downarrow M3_{-48})^{1} + \uparrow M3_{-42}(\downarrow m6_{+42})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000435 = 5^{1}\bullet97^{1}\bullet311^{1}\bullet6629761^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow P5_{+20}(\downarrow P4_{-20})^{1} + \uparrow m3_{+37}(\downarrow M6_{-37})^{1} + \uparrow m6_{-7}(\downarrow M3_{+7})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000436 = 2^{2}\bullet 9719^{1}\bullet 25722811^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m3_{-4}(\downarrow M6_{+4})^{1} + \uparrow P5_{+40}(\downarrow P4_{-40})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000437 = 3^{1}\bullet 217363^{1}\bullet 1533533^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M6_{-24}(\downarrow m3_{+24})^{1} + \uparrow P5_{-42}(\downarrow P4_{+42})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000438 = 2^{1}\bullet 47^{1}\bullet 113^{1}\bullet 1453^{1}\bullet 64793^{1} =$

$\mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{-34}(\downarrow P4_{+34})^{1} + \uparrow m7_{-16}(\downarrow M2_{+16})^{1} + \uparrow tt_{+6}(\downarrow tt_{-6})^{1} + \uparrow 8ve_{-20}(\downarrow uni_{+20})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000439 = 11^{1}\bullet 73^{1}\bullet 12409^{1}\bullet 100357^{1} = \mathbf{(1) + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow M2_{+28}(\downarrow m7_{-28})^{1} + \uparrow P5_{+19}(\downarrow P4_{-19})^{1} + \uparrow P5_{+38}(\downarrow P4_{-38})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000440 = 2^{3}\bullet 3^{2}\bullet 5^{1}\bullet 7^{1}\bullet 396825397^{1} =$

$\mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow P5_{-23}(\downarrow P4_{+23})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000441 = 13^{1}\bullet 229^{1}\bullet 335908633^{1} = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow m7_{+7}(\downarrow M2_{-7})^{1} + \uparrow M3_{-12}(\downarrow m6_{+12})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000442 = 2^{1}\bullet 271^{1}\bullet 8117^{1}\bullet 227303^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m2_{-1}(\downarrow M7_{+1})^{1} + \uparrow 8ve_{-16}(\downarrow uni_{+16})^{1} + \uparrow m7_{-47}(\downarrow M2_{+47})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000443 = 3^{1}\bullet 37^{1}\bullet 2081^{1}\bullet 4329173^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m3_{-49}(\downarrow M6_{+49})^{1} + \uparrow uni_{+28}(\downarrow 8ve_{-28})^{1} + \uparrow m2_{-45}(\downarrow M7_{+45})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000444 = 2^{2}\bullet 29^{1}\bullet 81233^{1}\bullet 106123^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow m7_{+30}(\downarrow M2_{-30})^{1} + \uparrow M3_{-28}(\downarrow m6_{+28})^{1} + \uparrow m6_{+34}(\downarrow M3_{-34})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000445 = 5^{1}\bullet 211^{1}\bullet 947867299^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M6_{-35}(\downarrow m3_{+35})^{1} + \uparrow m7_{-16}(\downarrow M2_{+16})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000446 = 2^{1}\bullet 3^{1}\bullet 17^{2}\bullet 2333^{1}\bullet 247193^{1} =$

$\mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{2} + \uparrow M2_{+26}(\downarrow m7_{-26})^{1} + \uparrow M7_{-2}(\downarrow m2_{+2})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000447 = 7^{1}\bullet 23^{1}\bullet 67^{1}\bullet 1423^{1}\bullet 65147^{1} =$

$\mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow m2_{-21}(\downarrow M7_{+21})^{1} + \uparrow tt_{-30}(\downarrow tt_{+30})^{1} + \uparrow 8ve_{-10}(\downarrow uni_{+10})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000448 = 2^{6}\bullet 15625000007^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{6} + \uparrow m7_{+36}(\downarrow M2_{-36})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000449 = 3^{2}\bullet 19^{1}\bullet 5847953219^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow P4_{+34}(\downarrow P5_{-34})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000450 = 2^{1}\bullet 5^{2}\bullet 11^{1}\bullet 59^{1}\bullet 30816641^{1} =$

$\mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{2} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow M7_{-41}(\downarrow m2_{+41})^{1} + \uparrow M7_{-47}(\downarrow m2_{+47})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000451 = 149^{1}\bullet 6711409399^{1} = \mathbf{(1) + \uparrow m3_{-37}(\downarrow M6_{+37})^{1} + \uparrow m6_{-27}(\downarrow M3_{+27})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000452 = 2^{2}\bullet 3^{1}\bullet 43^{1}\bullet 683^{1}\bullet 2837459^{1} =$

$\mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow P4_{+12}(\downarrow P5_{-12})^{1} + \uparrow P4_{-1}(\downarrow P5_{+1})^{1} + \uparrow P4_{+23}(\downarrow P5_{-23})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000453 = 37579^{1}\bullet 26610607^{1} = \mathbf{(1) + \uparrow M2_{+37}(\downarrow m7_{-37})^{1} + \uparrow m6_{-1}(\downarrow M3_{+1})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000454 = 2^{1}\bullet 7^{1}\bullet 13^{2}\bullet 422654269^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m6_{+41}(\downarrow M3_{-41})^{2} + \uparrow m6_{-14}(\downarrow M3_{+14})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000455 = 3^{1}\bullet 5^{1}\bullet 66666666697^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow M7_{+47}(\downarrow m2_{-47})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000456 = 2^{3}\bullet 125000000057^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow m7_{+36}(\downarrow M2_{-36})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000457 = 88867^{1}\bullet 11252771^{1} = \mathbf{(1) + \uparrow P4_{+27}(\downarrow P5_{-27})^{1} + \uparrow P4_{+9}(\downarrow P5_{-9})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000458 = 2^{1}\bullet 3^{4}\bullet 6172839509^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{4} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000459 = 1000000000459^{1} = \mathbf{(1) + \uparrow m7_{+36}(\downarrow M2_{-36})}$

$1000000000460 = 2^{2}\bullet 5^{1}\bullet 50000000023^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow tt_{+49}(\downarrow tt_{-49})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000461 = 3^{1}\bullet 7^{1}\bullet 11^{1}\bullet 31^{1}\bullet 53^{1}\bullet 181^{1}\bullet 14557^{1} =$

$\mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow tt_{-49}(\downarrow tt_{+49})^{1} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1} +}$

$\uparrow M6_{-26}(\downarrow m3_{+26})^1 + \uparrow tt_{+0}(\downarrow tt_{-0})^1 + \uparrow m7_{-5}(\downarrow M2_{+5})^1 = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000462 = 2^1 \bullet 500000000231^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{+36}(\downarrow M2_{-36})^1 = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000463 = 17^1 \bullet 58823529439^1 = (1) + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow M6_{+31}(\downarrow m3_{-31})^1 = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000464 = 2^4 \bullet 3^1 \bullet 163^1 \bullet 6317^1 \bullet 20233^1 =$

$(1) + \updownarrow 8ve(uni)^4 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{+18}(\downarrow m6_{-18})^1 + \uparrow m6_{-50}(\downarrow M3_{+50})^1 + \uparrow M3_{-35}(\downarrow m6_{+35})^1 = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000465 = 5^1 \bullet 200000000093^1 = (1) + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{+49}(\downarrow tt_{-49})^1 = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000466 = 2^1 \bullet 79^1 \bullet 52817^1 \bullet 119831^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-35}(\downarrow m6_{+35})^1 + \uparrow m6_{+26}(\downarrow M3_{-26})^1 + \uparrow m7_{+45}(\downarrow M2_{-45})^1 =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000467 = 3^2 \bullet 13^1 \bullet 5167^1 \bullet 1654153^1 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow M3_{+2}(\downarrow m6_{-2})^1 + \uparrow m6_{-11}(\downarrow M3_{+11})^1 =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000468 = 2^2 \bullet 7^1 \bullet 19^1 \bullet 10037^1 \bullet 187277^1 =$

$(1) + \updownarrow 8ve(uni)^2 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow m3_{-2}(\downarrow M6_{+2})^1 + \uparrow M3_{-48}(\downarrow m6_{+48})^1 + \uparrow tt_{+18}(\downarrow tt_{-18})^1 = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000469 = 869179^1 \bullet 1150511^1 = (1) + \uparrow M6_{-25}(\downarrow m3_{+25})^1 + \uparrow M2_{-39}(\downarrow m7_{+39})^1 = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000470 = 2^1 \bullet 3^1 \bullet 5^1 \bullet 23^1 \bullet 523^1 \bullet 2771081^1 =$

$(1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow tt_{+28}(\downarrow tt_{-28})^1 + \uparrow uni_{+37}(\downarrow 8ve_{-37})^1 + \uparrow P4_{-18}(\downarrow P5_{+18})^1 =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000471 = 1000000000471^1 = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000472 = 2^3 \bullet 11^1 \bullet 49307^1 \bullet 230467^1 = (1) + \updownarrow 8ve(uni)^3 + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow P5_{+7}(\downarrow P4_{-7})^1 + \uparrow m7_{-23}(\downarrow M2_{+23})^1 =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000473 = 3^1 \bullet 29^1 \bullet 11494252879^1 = (1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{+30}(\downarrow M2_{-30})^1 + \uparrow P4_{+4}(\downarrow P5_{-4})^1 = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000474 = 2^1 \bullet 41^1 \bullet 419^1 \bullet 29105303^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{+29}(\downarrow m6_{-29})^1 + \uparrow M6_{-47}(\downarrow m3_{+47})^1 + \uparrow m7_{-46}(\downarrow M2_{+46})^1 =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000475 = 5^2 \bullet 7^2 \bullet 816326531^1 = (1) + \uparrow M3_{-14}(\downarrow m6_{+14})^2 + \uparrow m7_{-31}(\downarrow M2_{+31})^2 + \uparrow P5_{+25}(\downarrow P4_{-25})^1 = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000476 = 2^2 \bullet 3^2 \bullet 27777777791^1 = (1) + \updownarrow 8ve(uni)^2 + \uparrow P5_{+2}(\downarrow P4_{-2})^2 + \uparrow m6_{+32}(\downarrow M3_{-32})^1 = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000477 = 385223^1 \bullet 2595899^1 = (1) + \uparrow P5_{-34}(\downarrow P4_{+34})^1 + \uparrow M3_{-31}(\downarrow m6_{+31})^1 = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000478 = 2^1 \bullet 317^1 \bullet 461^1 \bullet 3421447^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow M3_{-30}(\downarrow m6_{+30})^1 + \uparrow m7_{+18}(\downarrow M2_{-18})^1 + \uparrow m6_{+47}(\downarrow M3_{-47})^1 =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000479 = 3^1 \bullet 71^1 \bullet 107^1 \bullet 109^1 \bullet 402541^1 =$

$(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow M2_{-20}(\downarrow m7_{+20})^1 + \uparrow M6_{-10}(\downarrow m3_{+10})^1 + \uparrow M6_{+22}(\downarrow m3_{-22})^1 + \uparrow P5_{+43}(\downarrow P4_{-43})^1 =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000480 = 2^5 \bullet 5^1 \bullet 13^1 \bullet 17^1 \bullet 37^1 \bullet 764339^1 =$

$(1) + \updownarrow 8ve(uni)^5 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow m6_{+41}(\downarrow M3_{-41})^1 + \uparrow m2_{+5}(\downarrow M7_{-5})^1 + \uparrow m3_{-49}(\downarrow M6_{+49})^1 + \uparrow P5_{-47}(\downarrow P4_{+47})^1 =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000481 = 1327^1 \bullet 11701^1 \bullet 64403^1 = (1) + \uparrow M3_{+49}(\downarrow m6_{-49})^1 + \uparrow tt_{+17}(\downarrow tt_{-17})^1 + \uparrow 8ve_{-30}(\downarrow uni_{+30})^1 = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000482 = 2^1 \bullet 3^1 \bullet 7^1 \bullet 23809523821^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow P5_{+2}(\downarrow P4_{-2})^1 + \uparrow m7_{-31}(\downarrow M2_{+31})^1 + \uparrow tt_{-35}(\downarrow tt_{+35})^1 =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000483 = 11^1 \bullet 499^1 \bullet 182182547^1 = (1) + \uparrow tt_{-49}(\downarrow tt_{+49})^1 + \uparrow 8ve_{-45}(\downarrow uni_{+45})^1 + \uparrow P4_{+29}(\downarrow P5_{-29})^1 = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000484 = 2^2 \bullet 250000000121^1 = (1) + \updownarrow 8ve(uni)^2 + \uparrow m7_{+36}(\downarrow M2_{-36})^1 = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000485 = 3^3 \bullet 5^1 \bullet 47^1 \bullet 167^1 \bullet 277^1 \bullet 3407^1 =$

$(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^3 + \uparrow M3_{-14}(\downarrow m6_{+14})^1 + \uparrow P5_{-34}(\downarrow P4_{+34})^1 + \uparrow P4_{-40}(\downarrow P5_{+40})^1 +$

$\uparrow m2_{+36}(\downarrow M7_{-36})^1 + \uparrow M6_{-19}(\downarrow m3_{+19})^1 = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000486 = 2^1 \bullet 500000000243^1 = (1) + \updownarrow 8ve(uni)^1 + \uparrow m7_{+36}(\downarrow M2_{-36})^1 = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000487 = 19^{1} \bullet 1439^{1} \bullet 36575107^{1} = \mathbf{(1) + \uparrow m3_{-2}(\downarrow M6_{+2})^{1} + \uparrow tt_{-11}(\downarrow tt_{+11})^{1} + \uparrow m2_{+49}(\downarrow M7_{-49})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000488 = 2^{3} \bullet 3^{1} \bullet 5449^{1} \bullet 7646663^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{3} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow P4_{-6}(\downarrow P5_{+6})^{1} + \uparrow m7_{+40}(\downarrow M2_{-40})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000489 = 7^{1} \bullet 142857142927^{1} = \mathbf{(1) + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow m2_{-33}(\downarrow M7_{+33})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000490 = 2^{1} \bullet 5^{1} \bullet 131^{1} \bullet 2447^{1} \bullet 311957^{1} =$

$\mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow uni_{+40}(\downarrow 8ve_{-40})^{1} + \uparrow m3_{+8}(\downarrow M6_{-8})^{1} + \uparrow m3_{+1}(\downarrow M6_{-1})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000491 = 3^{1} \bullet 61^{1} \bullet 83^{1} \bullet 65837119^{1} = \mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M7_{+17}(\downarrow m2_{-17})^{1} + \uparrow P4_{-50}(\downarrow P5_{+50})^{1} + \uparrow 8ve_{-33}(\downarrow uni_{+33})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000492 = 2^{2} \bullet 31^{1} \bullet 8064516133^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow M7_{+45}(\downarrow m2_{-45})^{1} + \uparrow M7_{-9}(\downarrow m2_{+9})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000493 = 13^{1} \bullet 23^{1} \bullet 3344481607^{1} = \mathbf{(1) + \uparrow m6_{+41}(\downarrow M3_{-41})^{1} + \uparrow tt_{+28}(\downarrow tt_{-28})^{1} + \uparrow m6_{-33}(\downarrow M3_{+33})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000494 = 2^{1} \bullet 3^{2} \bullet 11^{2} \bullet 7687^{1} \bullet 59729^{1} =$

$\mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow P5_{+2}(\downarrow P4_{-2})^{2} + \uparrow tt_{-49}(\downarrow tt_{+49})^{2} + \uparrow M7_{-10}(\downarrow m2_{+10})^{1} + \uparrow m7_{+39}(\downarrow M2_{-39})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000495 = 5^{1} \bullet 43^{1} \bullet 4651162793^{1} = \mathbf{(1) + \uparrow M3_{-14}(\downarrow m6_{+14})^{1} + \uparrow P4_{+12}(\downarrow P5_{-12})^{1} + \uparrow m2_{+38}(\downarrow M7_{-38})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000496 = 2^{4} \bullet 7^{1} \bullet 431^{1} \bullet 4483^{1} \bullet 4621^{1} =$

$\mathbf{(1) + \updownarrow 8ve(uni)^{4} + \uparrow m7_{-31}(\downarrow M2_{+31})^{1} + \uparrow M6_{+2}(\downarrow m3_{-2})^{1} + \uparrow M2_{-44}(\downarrow m7_{+44})^{1} + \uparrow M2_{+9}(\downarrow m7_{-9})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000497 = 3^{1} \bullet 17^{1} \bullet 251^{1} \bullet 1129^{1} \bullet 69193^{1} =$

$\mathbf{(1) + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow m2_{+5}(\downarrow M7_{-5})^{1} + \uparrow 8ve_{-34}(\downarrow uni_{+34})^{1} + \uparrow M2_{-31}(\downarrow m7_{+31})^{1} + \uparrow m2_{-6}(\downarrow M7_{+6})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000498 = 2^{1} \bullet 5051^{1} \bullet 98990299^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{1} + \uparrow M3_{-37}(\downarrow m6_{+37})^{1} + \uparrow P5_{-27}(\downarrow P4_{+27})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000499 = 199039^{1} \bullet 5024141^{1} = \mathbf{(1) + \uparrow P5_{+23}(\downarrow P4_{-23})^{1} + \uparrow m3_{+13}(\downarrow M6_{-13})^{1}} = (1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

$1000000000500 = 2^{2} \bullet 3^{1} \bullet 5^{3} \bullet 666666667^{1} = \mathbf{(1) + \updownarrow 8ve(uni)^{2} + \uparrow P5_{+2}(\downarrow P4_{-2})^{1} + \uparrow M3_{-14}(\downarrow m6_{+14})^{3} + \uparrow M3_{-25}(\downarrow m6_{+25})^{1}} =$

$(1) + \uparrow m7_{+36}(\downarrow M2_{-36})$

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$\infty = 2^{\infty} \bullet 3^{\infty} \bullet 5^{\infty} \bullet \ldots\ p_{\infty}^{\infty} = \mathbf{(1) + \updownarrow 8ve(uni)^{\infty} + \uparrow P5_{+2}(\downarrow P4_{-2})^{\infty} + \uparrow M3_{-14}(\downarrow m6_{+14})^{\infty} + \ldots \uparrow ??(\downarrow ??)^{\infty}} = \uparrow ??(\downarrow ??)^{\infty}$