Received 24/05/17

Simultaneous Representations of Selfie Numbers in Terms of Fibonacci and Triangular Numbers

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Abstract

*Numbers represented by their own digits by certain operations are considered as **"selfie numbers"**. There are many ways of representing **"selfie numbers"**. It can be represented in digit's order, reverse order of digits, increasing and/or decreasing order of digits, etc. These can be obtained by use of basis operations along with **factorial, square-root, Fibonacci sequence, Triangular numbers**, etc. In this work, we have written **selfie numbers** in such a way that these are simultaneously equal by use of **Fibonacci sequence** as well as **Triangular numbers**. This is done by use of **basic operations** along with **factorial** and/or **square-root**.*

Contents

1. Selfie Numbers

Recently, author studied different ways of expressing numbers in such a way that both sides are with same digits. One side is with number, and another side is an expression formed by same digits with some operations. These types of numbers we call **selfie numbers**. Some times they are called as **wild narcissistic numbers**. These numbers are represented by their own digits by use of certain operations. Subsections below give different ways of writing **selfie numbers**. Examples of selfie numbers with **Fibonacci sequence**, etc. In two variables, we obtained selfie numbers with **binomial coefficients**, **S-gonal numbers** and **centered polygonal numbers**.

1.1. Selfie Numbers with Factorial.

This subsection brings **selfie numbers** with use of factorial. See below some examples:

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$$145 = 1! + 4! + 5!.$$
$$733 = 7 + 3!! + 3!.$$
$$5177 = 5! + 17 + 7!.$$

$$363239 = 36 + 323 + 9!.$$
$$363269 = 363 + 26 + 9!.$$
$$403199 = 40319 + 9!.$$

$$1463 = -1! + 4! + 6! + 3!!.$$
$$10077 = -1! - 0! - 0! + 7! + 7!.$$
$$40585 = 4! + 0! + 5! + 8! + 5!.$$
$$80518 = 8! - 0! - 5! - 1! + 8!.$$
$$317489 = -3! - 1! - 7! - 4! - 8! + 9!.$$
$$352797 = -3! + 5 - 2! - 7! + 9! - 7!.$$
$$357592 = -3! - 5! - 7! - 5! + 9! - 2!.$$
$$357941 = 3! + 5! - 7! + 9! - 4! - 1!.$$

$$361469 = 3! - 6! - 1! + 4! - 6! + 9!.$$
$$364292 = 3!! + 6! - 4! - 2! + 9! - 2!.$$
$$397584 = -3!! + 9! - 7! + 5! + 8! + 4!.$$
$$398173 = 3! + 9! + 8! + 1! - 7! + 3!.$$
$$408937 = -4! + 0! + 8! + 9! + 3!! + 7!.$$
$$715799 = -7! - 1! + 5! - 7! + 9! + 9!.$$
$$720599 = -7! - 2! + 0! - 5! + 9! + 9!.$$

For more details refer author's work [15].

1.2. **Selfie Numbers with Factorial and Square-Root.**

This subsection brings **selfie numbers** with use of factorial and/or square-root. See below some examples:

$$936 := (\sqrt{9})!^3 + 6! \qquad = 6! + (3!)^{\sqrt{9}}.$$
$$1296 := \sqrt{(1+2)!^9/6} \qquad = 6^{(\sqrt{9}+2-1)}.$$
$$2896 := 2 \times (8 + (\sqrt{9})!! + 6!) \qquad = (6! + (\sqrt{9})!! + 8) \times 2.$$
$$331779 := 3 + (31-7)^{\sqrt{7+9}} \qquad = \sqrt{9} + (7 \times 7 - 1)^3 \times 3.$$
$$342995 := (3^4 - 2 - 9)^{\sqrt{9}} - 5 \qquad = -5 + (-9 + 9^2 - \sqrt{4})^3.$$
$$759375 := (-7 + 59 - 37)^5 \qquad = (5 + 7 + 3)^{\sqrt{9}-5+7}.$$
$$759381 := 7 + (5 \times \sqrt{9})^{-3+8} - 1 = -1 + (8 \times 3 - 9)^5 + 7.$$

Examples given above are with **factorial** and **square-root** [20, 21]. First column numbers are in **digit's order** and second columns are in **reverse order of digits**. For details refer author's work [8, 9, 10, 13, 14].

1.3. **Selfie Numbers with Fibonacci Sequence.**

The examples given in subsections, 1.1 and 1.2 are with **factorial** and **square-root**. Still, one can have similar kind of results using **Fibonacci sequence** values. See below:

$$235 = 2 + F(F(F(3) + 5)).$$
$$256 = 2^5 \times F(6).$$
$$4427 = (F(4) + 4^2) \times F(F(7)).$$
$$46493 = F(4 \times 6) + (-4 + 9)^3.$$

$$63 = 3 \times F(F(6)).$$
$$882 = 2 \times F(8) \times F(8).$$
$$1631 = F(13) \times (6 + 1).$$
$$54128 = 8 \times (F(2) + F(1 \times 4 \times 5)).$$

First column values are in **digit's order** and the second columns values are in **reverse order of digits**. For more details see author's [17, 18, 19].

1.4. **Selfie Numbers with Triangle Numbers.**

Triangular numbers are very much famous in the literature of mathematics [5]. These are given by

$$1, 3, 6, 10, 15, 21, ...$$

The general formula to write these numbers is given by

$$T(n) = 1 + 2 + 3 + ... = \frac{n+1}{2} = C(n+1, 2)$$

The letter "C" represents as **"binomial coefficient"** as seen in subsection 1.7. The examples given in above subsections are with **factorial**, **square-root**, **Fibonacci sequence** numbers, etc. Still, one can have similar kind of results using **Triangular numbers**. See below:

$$\begin{aligned}
1069 &:= T(10) - T(6) + T(T(9)).\\
1081 &:= T(1 + T(08 + 1)).\\
2887 &:= T(T(T(T(2)))) + T(T(8) + T(8)) + T(7).\\
4965 &:= T(-4 + 9) + T(-T(6) + T(T(5))).\\
4999 &:= 49 + T(99).\\
99545 &:= T(9) + T(9) \times T(T(T(5) - 4)) + 5.\\
99546 &:= T(9) + T(9) \times T(T(T(5) - 4)) + 6.
\end{aligned}$$

$$\begin{aligned}
874 &:= T(T(T(4))) - T(T(7) + 8).\\
0105 &:= 50 + T(10).\\
1155 &:= -T(T(5)) + T(51 - 1).\\
1224 &:= T(T(T(4)) - T(T(2))) - 2 + 1.\\
2418 &:= T(81) - T(42).\\
99632 &:= 2 + (3 + T(T(6) + T(9))) \times T(9).\\
99633 &:= 3 + (3 + T(T(6) + T(9))) \times T(9).
\end{aligned}$$

First column values are in **digit's order** and the second column values are in **reverse order of digits**. For more details see author's work [24].

1.5. **Selfie Numbers with Binomial Coefficients.**

The examples given in subsection 1.3 and 1.5 are with **Fibonacci sequence** and **Triangular numbers** respectively. Still, one can have similar kind of examples, using **Binomial coefficients**. See below some examples written in **both ways**, **digit's order** and **reverse order of digits**:

$$\begin{aligned}
6435 &:= C(C(6,\ 4),\ 3 + 5) &&= C(5 \times 3,\ \sqrt{4} + 6).\\
15504 &:= C(15 + 5,\ 0! + 4) &&= C(4 \times 05,\ 5 \times 1).\\
42504 &:= C(4!,\ \sqrt{2 \times 50/4}) &&= C(4!,\ -05 + 24).\\
54264 &:= C(5 + 4^2,\ C(6,\ 4)) &&= C(4! - 6/2,\ (\sqrt{4+5})!).\\
74613 &:= C(7 \times 4 - 6,\ 1 \times 3!) &&= C(3! + 16,\ (-4 + 7)!).
\end{aligned}$$

$$\begin{aligned}
2650 &:= C(-1 + 26,\ 5 - 0!).\\
12870 &:= C(1 \times 2 \times 8,\ 7 + 0!).\\
14950 &:= C(-1 + 4! + \sqrt{9},\ 5 - 0!).\\
18564 &:= C(18,\ (5 - 6 + 4)!).\\
19448 &:= C(19 - \sqrt{4},\ \sqrt{4} + 8).\\
26334 &:= C(2 + C(6,\ 3),\ 3 + \sqrt{4}).\\
43758 &:= C(4! - 3!,\ 7 - 5 + 8).\\
53130 &:= C(5^{3-1},\ 3! - 0!).
\end{aligned}$$

$$\begin{aligned}
28 &:= C(8,\ 2).\\
792 &:= C(2 \times (\sqrt{9})!,\ 7).\\
924 &:= C(4!/2,\ (\sqrt{9})!).\\
2024 &:= C(4!,\ 2 + (0 \times 2)!).\\
4845 &:= C(5 \times 4,\ 8 - 4).\\
00378 &:= C(C(8,\ \sqrt{7-3}),\ 0! + 0!).\\
00792 &:= C(2 \times (\sqrt{9})!,\ 7 - 0! - 0!).\\
00924 &:= C(4!/2,\ \sqrt{9} \times (0! + 0!)).
\end{aligned}$$

The symbol C used for binomial coefficients is given by

$$C(m,\, r) = \frac{m!}{r! \times (m-r)!},\ m \geq r \geq 0,\ m,\, r \in \boldsymbol{N}.$$

For more details refer author's work [22].

1.6. Selfie Numbers with S-gonal numbers.

The examples given in subsection 1.5 are with **binomial coefficients**. Still, one can have similar kind of examples, using **s-gonal numbers**. See below some examples in **digit's order** and **reverse order of digits**:

$$\begin{aligned}
\mathbf{4992} &:= \boldsymbol{P}(4!, 9+9+2).\\
\mathbf{7744} &:= (\boldsymbol{P}(7,7) - 4!)^{\sqrt{4}}.\\
\mathbf{7896} &:= 7 \times \boldsymbol{P}(8 \times \sqrt{9}, 6).\\
\mathbf{65485} &:= -\boldsymbol{P}(6,5) + \sqrt{4} \times 8^5.\\
\mathbf{65943} &:= \boldsymbol{P}(6,5) \times ((\sqrt{9})!^4 - 3).\\
\mathbf{67977} &:= (6+7) \times (\boldsymbol{P}(9,7) + 7!).\\
\mathbf{72495} &:= -\boldsymbol{P}(7+2, 4) + 9!/5.\\
\mathbf{83544} &:= \sqrt{\boldsymbol{P}(8,3)} \times (5! - \sqrt{4})^{\sqrt{4}}.\\
\mathbf{8967} &:= 7 \times \boldsymbol{P}(\boldsymbol{P}(6, \sqrt{9}), 8).\\
\mathbf{9504} &:= 4! \times \boldsymbol{P}(\sqrt{0! + 5!}, 9).\\
\mathbf{9744} &:= 4! \times \boldsymbol{P}(4 \times 7, \sqrt{9}).\\
\mathbf{49281} &:= 1 \times 8! + \boldsymbol{P}(29, 4!).\\
\mathbf{49548} &:= -8! - \boldsymbol{P}(4!, 5) + 9!/4.\\
\mathbf{50424} &:= 4! \times \boldsymbol{P}(-2 + 4!, \sqrt{0! + 5!}).\\
\mathbf{52895} &:= (5 + \boldsymbol{P}(9,8))^2 - 5.\\
\mathbf{53995} &:= (5! - \boldsymbol{P}(9, \sqrt{9})) \times 3!! - 5.
\end{aligned}$$

The symbol P used for **s-gonal numbers** and is given by

$$\boldsymbol{P(n, s)} := \frac{n(n-1)(s-2)}{2} + n,\quad s > 2.$$

For more details refer author's work [23].

1.7. Selfie Numbers with Centered Polygonal Numbers.

The examples given in subsection 1.5 and 1.6 are with **binomial coefficients** and **s-gonal numbers** respectively. Still, one can have similar kind of examples, using **centered polygonal numbers**. See below some examples in **digit's order** and **reverse order of digits**:

$$\begin{aligned}
\mathbf{2883} &:= \boldsymbol{K}(2 \times 8, 8) \times 3.\\
\mathbf{2888} &:= \boldsymbol{K}(2 + 8, 8) \times 8.\\
\mathbf{3640} &:= \boldsymbol{K}(3!, 6) \times 40.\\
\mathbf{14939} &:= -1 + (\boldsymbol{K}(4!, (\sqrt{9})!) + 3) \times 9.\\
\mathbf{14959} &:= (-1 + \boldsymbol{K}(4!, (\sqrt{9})!) + 5) \times 9.\\
\mathbf{15144} &:= \boldsymbol{K}(15, (-1+4)!) \times 4!.\\
\mathbf{15347} &:= (-1+5)! \times 3!! - \boldsymbol{K}(4!, 7).\\
\mathbf{15399} &:= \boldsymbol{K}(1 \times 5!/3!, 9) \times 9.\\
\mathbf{00938} &:= \boldsymbol{K}(\sqrt{\boldsymbol{K}(8, 3!)}, (\sqrt{9})!) \times (0! + 0!).\\
\mathbf{01051} &:= \boldsymbol{K}(15, 010).\\
\mathbf{01199} &:= \boldsymbol{K}(9, \sqrt{9}) \times (1 + 10).\\
\mathbf{59938} &:= \boldsymbol{K}(8, 3!) + (\sqrt{9})!! + 9^5.\\
\mathbf{62424} &:= 4! \times \boldsymbol{K}(2 + 4!, 2 + 6).\\
\mathbf{63384} &:= 4! + (\boldsymbol{K}(8,3) + 3) \times 6!.\\
\mathbf{63744} &:= 4! \times (\boldsymbol{K}(4!, 7) + 3 + 6!).\\
\mathbf{63973} &:= \boldsymbol{K}(3! + 7, 9) \times \boldsymbol{K}(3!, 6).
\end{aligned}$$

The symbol K used for **centered polygonal numbers** and is given by

$$\boldsymbol{K(n, t)} := \frac{t\, n(n-1)}{2} + 1,\quad t > 2.$$

For summary of author's work on numbers refer [25, 26]. For study on **s-gonal numbers** and **centered polygonal numbers** refer to [1, 3, 6, 7]. Also refer [2, 4] for historical books on numbers.

1.8. **Binomial Coefficients, S-gonal, and Centered Polygonal Numbers.**

There are very few selfie numbers connecting three formulas: **binomial coefficients, s-gonal** and **centered polygonal numbers**. In some cases the ordered in not same, it is either in digit's order or reverse.

$$\begin{aligned}
\mathbf{13448} &:= 8+(4+4)!/C(3,1) &&= (8!+4!)/\sqrt{\boldsymbol{P}(4,3)-1} &&= \boldsymbol{K}(-1+3!,4)^{\sqrt{4}}\times 8.\\
\mathbf{39435} &:= C(5+3!,\sqrt{4})\times(-\sqrt{9}+3!!) &&= (3!!-\sqrt{9})\times(4+\boldsymbol{P}(3!,5)) &&= (\boldsymbol{K}(5,3)+4!)\times(-\sqrt{9}+3!!).\\
\mathbf{39648} &:= 8!-(\sqrt{4}+6)\times C(9,3) &&= -\boldsymbol{P}(3+9,6\times\sqrt{4})+8! &&= \boldsymbol{K}(3!,\sqrt{9})-6!+\sqrt{4}+8!.\\
\mathbf{98464} &:= C(9+8,\sqrt{4})\times(6!+4) &&= (4+6!)\times\boldsymbol{P}(4!-8,\sqrt{9}) &&= (4+6!)\times\boldsymbol{K}(\sqrt{4}+8,\sqrt{9}).
\end{aligned}$$

From above, we observe that there is not a even a single numbers that connects above three formulas in digit's order or in reverse. Two by two there are many numbers given in [23].

The aim of this paper is to bring selfie numbers those can be written together with Fibonacci sequence and Triangular Numbers at the same time.

2. Selfie Numbers with Fibonacci and Triangular Numbers

This section deals with **selfie numbers** written simultaneously in terms of **Fibonacci sequence** and **Triangular numbers**. The work is done in two ways: one in digit's order and second in reverse order of digits. We have divided the work following four subsections:

(i) Basic operations: addition, subtraction, multiplication, division and potentiation;
(ii) Basic operations with additional use of factorial;
(iii) Basic operations with additional use of square-root;
(iv) Basic operations with additional factorial and square-root.

In case of items (ii)-(iv), the extra operations are either in both or in sigle side of the equalities.

2.1. **Basic Operations.**

In this subsection, we shall bring **selfie numbers written in terms of Fibonacci sequence and Triangular numbers** at the same time. The numbers are just with used of **basic operations**, such as, **addition, subtraction, multiplication, division and potentiation**. Again, the work is divided in two subsections, one in digit's order and another in reverse order of digits.

2.1.1. ***Digit's Order.***

$$\begin{aligned}
\mathbf{34} &:= F(3\times F(4))\\
&:= -T(T(3))+T(T(4)).
\end{aligned}$$

$$\begin{aligned}
\mathbf{55} &:= F(5+5)\\
&:= T(5+5).
\end{aligned}$$

$$\begin{aligned}
\mathbf{63} &:= F(F(6))\times 3\\
&:= T(6)\times 3.
\end{aligned}$$

$$\begin{aligned}
\mathbf{168} &:= 1\times F(6)\times F(8)\\
&:= 1\times T(6)\times 8.
\end{aligned}$$

$$\begin{aligned}
\mathbf{233} &:= F(F(-2+3\times 3))\\
&:= 2+T(T(3+3)).
\end{aligned}$$

$$\begin{aligned}
\mathbf{234} &:= F(2)+F(F(3+4))\\
&:= T(2)\times T(3\times 4).
\end{aligned}$$

$$\begin{aligned}
\mathbf{237} &:= F(2)+3+F(F(7))\\
&:= T(T(2))+T(3\times 7).
\end{aligned}$$

$$\begin{aligned}
\mathbf{245} &:= 2+F(4)^5\\
&:= (-T(T(2))+T(T(4)))\times 5.
\end{aligned}$$

$$\begin{aligned}
\mathbf{256} &:= 2^5\times F(6)\\
&:= 25+T(T(6)).
\end{aligned}$$

$$\begin{aligned}
\mathbf{466} &:= F(F(4))\times F(-F(6)+F(F(6)))\\
&:= 4+T(T(6))+T(T(6)).
\end{aligned}$$

$$\begin{aligned}
\mathbf{630} &:= F(F(6))\times 30\\
&:= T(6)\times 30.
\end{aligned}$$

$$\begin{aligned}\mathbf{693} &:= F(F(6)) \times (F(9) - F(F(3)))\\ &:= (T(T(6)) \times (9/3)).\end{aligned}$$

$$\begin{aligned}\mathbf{784} &:= (7 + F(8))^{F(F(4))}\\ &:= T(7)^{8/4}.\end{aligned}$$

$$\begin{aligned}\mathbf{882} &:= F(8) \times F(8) \times 2\\ &:= T(T(8)) + T(8) \times T(T(2)).\end{aligned}$$

$$\begin{aligned}\mathbf{1165} &:= F(F(1 \times 1 + 6)) \times 5\\ &:= (1 + 1 + T(T(6))) \times 5.\end{aligned}$$

$$\begin{aligned}\mathbf{1364} &:= -F(13) + F(F(F(6)) - 4)\\ &:= T(T(T(1 + 3))) - T(T(6)) + T(T(4)).\end{aligned}$$

$$\begin{aligned}\mathbf{1365} &:= 13 \times F(F(6)) \times 5\\ &:= 13 \times T(6) \times 5.\end{aligned}$$

$$\begin{aligned}\mathbf{1368} &:= (1 - 3 + F(F(F(6))))/8\\ &:= T(1 \times 3 \times 6) \times 8.\end{aligned}$$

$$\begin{aligned}\mathbf{1429} &:= 1 + 42 \times F(9)\\ &:= -1 - T(T(4)) + T(T(T(2)) \times 9).\end{aligned}$$

$$\begin{aligned}\mathbf{1487} &:= -F(14) + 8 \times F(F(7))\\ &:= T(T(1 \times 4) + T(8)) + T(T(7)).\end{aligned}$$

$$\begin{aligned}\mathbf{1525} &:= F(15)/2 \times 5\\ &:= -15 + T(T(2 \times 5)).\end{aligned}$$

$$\begin{aligned}\mathbf{1575} &:= F(F(1 + 5)) \times 75\\ &:= T(1 + 5) \times 75.\end{aligned}$$

$$\begin{aligned}\mathbf{1576} &:= F(-1 + 5 + F(7)) - F(F(6))\\ &:= 1 + T(5) \times T(-7 + T(6)).\end{aligned}$$

$$\begin{aligned}\mathbf{1593} &:= 1 - 5 + F(F(9)/F(3))\\ &:= T(1 + T(T(-5 + 9))) - 3.\end{aligned}$$

$$\begin{aligned}\mathbf{1594} &:= (1 + 5) \times 9 + T(T(T(4)))\\ &:= F(F(1 + 5) + 9) - F(4).\end{aligned}$$

$$\begin{aligned}\mathbf{1596} &:= -1^5 + F(9 + F(6))\\ &:= T(1 \times 5 + T(9) + 6).\end{aligned}$$

$$\begin{aligned}\mathbf{1617} &:= -1 + F(F(6)) + F(17)\\ &:= 1 \times T(T(6)) \times 1 \times 7.\end{aligned}$$

$$\begin{aligned}\mathbf{1618} &:= F(16 + 1) + F(8)\\ &:= 1 + T(T(6)) \times (-1 + 8).\end{aligned}$$

$$\begin{aligned}\mathbf{1645} &:= F(16)/F(4) \times 5\\ &:= (-1 + 6 \times T(T(4))) \times 5.\end{aligned}$$

$$\begin{aligned}\mathbf{1680} &:= 1 \times F(F(6)) \times 80\\ &:= T(-1 + T(6)) \times 8 + 0.\end{aligned}$$

$$\begin{aligned}\mathbf{1684} &:= -1 + F(F(F(6))) - F(8)^{F(4)}\\ &:= T(-1 + T(6)) \times 8 + 4.\end{aligned}$$

$$\begin{aligned}\mathbf{1687} &:= (F(F(1 + 6)) + 8) \times 7\\ &:= T(-1 + T(6)) \times 8 + 7.\end{aligned}$$

$$\begin{aligned}\mathbf{1763} &:= -1 + (7 \times 6)^{F(3)}\\ &:= -1 + T(7) \times 63.\end{aligned}$$

$$\begin{aligned}\mathbf{1764} &:= 1 \times (7 \times 6)^{F(F(4))}\\ &:= T(-1 + 7) \times T(6) \times 4.\end{aligned}$$

$$\begin{aligned}\mathbf{1778} &:= 1 \times 7 \times (F(F(7)) + F(8))\\ &:= T(1 + T(T(7))/7) + 8.\end{aligned}$$

$$\begin{aligned}\mathbf{1785} &:= F(1 + 7) \times 85\\ &:= (-1 + T(7 + 8)) \times T(5).\end{aligned}$$

$$\begin{aligned}\mathbf{1824} &:= (-1 + F(F(8))/2)/F(4)\\ &:= T(18) + T(2 + T(T(4))).\end{aligned}$$

$$\begin{aligned}\mathbf{1847} &:= -1 - 8 \times (F(F(4)) - F(F(7)))\\ &:= -1 + 8 \times T(T(T(-4 + 7))).\end{aligned}$$

$$\begin{aligned}\mathbf{1848} &:= (1 + F(8)) \times 4 \times F(8)\\ &:= T(T(T(1 + 8/4))) \times 8.\end{aligned}$$

$$\begin{aligned}\mathbf{1864} &:= (1 + T(T(8) - 6)) \times 4\\ &:= F(F(-1 + 8)) \times (6 + F(F(4))).\end{aligned}$$

$$\begin{aligned}\mathbf{1925} &:= (1 + F(9)) \times F(2 \times 5)\\ &:= -T(T(1 + 9)) + T(T(T(T(2)))) \times T(5).\end{aligned}$$

$$\begin{aligned}\mathbf{1995} &:= F(-1 + 9) \times 95\\ &:= 19 \times T(9 + 5).\end{aligned}$$

$$\begin{aligned}\mathbf{2079} &:= (-2 + F(F(07))) \times 9\\ &:= T(T(2) \times 07) \times 9.\end{aligned}$$

$$\begin{aligned}\mathbf{2529} &:= -F(2 \times 5) + F(2 \times 9)\\ &:= T(T(T(2))) \times T(5 \times T(2)) + 9.\end{aligned}$$

$$\begin{aligned}\mathbf{2563} &:= F(F(2 + 5)) \times (F(6) + 3)\\ &:= -2 + T(5) \times T(6 \times 3).\end{aligned}$$

$$\begin{aligned}\mathbf{2577} &:= F(25 - 7) - 7\\ &:= T(T(T(2))) + T(T(5) + T(7) + T(7)).\end{aligned}$$

$$\begin{aligned}\mathbf{2582} &:= F(2 \times 5 + 8) - 2\\ &:= 2 \times (-5 + T(8)^2).\end{aligned}$$

$$\begin{aligned}\mathbf{2583} &:= -F(2)+F(-5+F(8)+F(3))\\ &:= (T(2)+T(T(5)))\times T(T(8)/T(3)).\end{aligned}$$

$$\begin{aligned}\mathbf{2584} &:= F(2\times(5+8-4))\\ &:= T(T(T(T(2)))-5)\times(-T(8)+T(T(4))).\end{aligned}$$

$$\begin{aligned}\mathbf{2585} &:= F(2)+F(5+8+5)\\ &:= T(25)\times 8-T(5).\end{aligned}$$

$$\begin{aligned}\mathbf{2586} &:= 2+F((-5+8)\times 6)\\ &:= -T(T(T(T(2))))\times 5+T(86).\end{aligned}$$

$$\begin{aligned}\mathbf{2597} &:= F(F(-2+5)\times 9)+F(7)\\ &:= T(2+T(T(5))-T(9))-T(T(7)).\end{aligned}$$

$$\begin{aligned}\mathbf{2646} &:= 2\times F(F(6))\times F(4)\times F(F(6))\\ &:= T(T(2)+T(T(6)-T(4)))+T(T(6)).\end{aligned}$$

$$\begin{aligned}\mathbf{2648} &:= 2^6+F(-F(4)+F(8))\\ &:= (T(T(2))+T(T(6)+4))\times 8.\end{aligned}$$

$$\begin{aligned}\mathbf{2688} &:= 2\times F(6)\times F(8)\times 8\\ &:= 2\times T(6)\times 8\times 8.\end{aligned}$$

$$\begin{aligned}\mathbf{2736} &:= (2\times 7)^3-F(6)\\ &:= T(T(2))\times T(T(7))+T(3+T(6)).\end{aligned}$$

$$\begin{aligned}\mathbf{2742} &:= (2\times 7)^{F(4)}-2\\ &:= 2\times(-7+T(T(T(4))-T(2))).\end{aligned}$$

$$\begin{aligned}\mathbf{2744} &:= (-2+F(7)+F(4))^{F(4)}\\ &:= -T(T(T(2)))+T(74)-T(4).\end{aligned}$$

$$\begin{aligned}\mathbf{2754} &:= -2^{F(7)}+F(F(5+F(4)))\\ &:= -T(T(T(2)))+T(T(7+5)-4).\end{aligned}$$

$$\begin{aligned}\mathbf{2772} &:= (-2+F(F(7)))\times(F(7)-F(2))\\ &:= -T(2)+T(77-T(2)).\end{aligned}$$

$$\begin{aligned}\mathbf{2784} &:= (-F(2)+F(F(7)))\times(8+4)\\ &:= (2+T(7))+T(T(8))\times 4.\end{aligned}$$

$$\begin{aligned}\mathbf{2794} &:= -2+F(F(7))\times(9+F(4))\\ &:= -T(T(2))+T(7)\times(T(9)+T(T(4))).\end{aligned}$$

$$\begin{aligned}\mathbf{2796} &:= F(2)\times F(F(7))\times(-9+F(F(6)))\\ &:= T(2\times(T(7)+9))+T(6).\end{aligned}$$

$$\begin{aligned}\mathbf{2937} &:= (-F(2)+F(9))\times F(-F(3)+F(7))\\ &:= T(2)\times T(T(9))-T(3)\times T(7).\end{aligned}$$

$$\begin{aligned}\mathbf{3382} &:= (-F(F(3))+F(-F(F(3))+F(8)))/2\\ &:= -T(3+3)+T(82).\end{aligned}$$

$$\begin{aligned}\mathbf{3384} &:= (3+F(-F(F(3))+F(8)))/F(F(4))\\ &:= 3\times T(T(T(3))+T(8)-T(4)).\end{aligned}$$

$$\begin{aligned}\mathbf{3495} &:= 3\times F(4+9)\times 5\\ &:= T(3\times 4)\times T(9)-T(5).\end{aligned}$$

$$\begin{aligned}\mathbf{3528} &:= F(3+5)^2\times 8\\ &:= (T(3)+T(5))^2\times 8.\end{aligned}$$

$$\begin{aligned}\mathbf{3575} &:= F(F(3)\times 5)\times F(7)\times 5\\ &:= T(T(3)+T(5+7))+5.\end{aligned}$$

$$\begin{aligned}\mathbf{3584} &:= (F(3)+5)\times 8^{F(4)}\\ &:= -T(T(3))+5\times(T(T(8))+T(T(4))).\end{aligned}$$

$$\begin{aligned}\mathbf{3645} &:= (3+6)^{F(4)}\times 5\\ &:= -3^6\times(T(4)-T(5)).\end{aligned}$$

$$\begin{aligned}\mathbf{3648} &:= (-F(3)+F(F(F(6))))/F(-4+8)\\ &:= T(3)\times(T(6)+T(T(4)))\times 8.\end{aligned}$$

$$\begin{aligned}\mathbf{3649} &:= (3\times F(F(F(6)))+F(4))/9\\ &:= -T(3)+T(-6+T(4+9)).\end{aligned}$$

$$\begin{aligned}\mathbf{3738} &:= F(3)\times F(F(7)-F(3))\times F(8)\\ &:= T(3\times T(7))+T(T(3))\times 8.\end{aligned}$$

$$\begin{aligned}\mathbf{3773} &:= (-F(3)+F(7))\times 7^3\\ &:= T(T(T(3)))-T(7)+T(T(7)\times 3).\end{aligned}$$

$$\begin{aligned}\mathbf{3784} &:= 3^7+F(F(8)-4)\\ &:= T(37)+T(T(8+4)).\end{aligned}$$

$$\begin{aligned}\mathbf{3786} &:= (F(F(3)+F(7))+F(8))\times 6\\ &:= T(T(T(3))-7)\times T(8)+6.\end{aligned}$$

$$\begin{aligned}\mathbf{3948} &:= F(3)\times 94\times F(8)\\ &:= T(3)\times(T(9\times 4)-8).\end{aligned}$$

$$\begin{aligned}\mathbf{3966} &:= -3+9\times F(F(6))\times F(F(6))\\ &:= -3+9\times T(6)\times T(6).\end{aligned}$$

$$\begin{aligned}\mathbf{3968} &:= (-F(F(3))+9\times F(F(6)))\times F(8)\\ &:= T((T(T(T(3)))-T(9))/6)\times 8.\end{aligned}$$

$$\begin{aligned}\mathbf{3969} &:= F(F(-3+9))\times F(F(6))\times 9\\ &:= T(-3+9)\times T(6)\times 9.\end{aligned}$$

$$\begin{aligned}\mathbf{4176} &:= -4-1+F(F(7)+6)\\ &:= -T(4)+T(T(-1-7+T(6))).\end{aligned}$$

$$\begin{aligned}\mathbf{4182} &:= F(F(4-1))+F(F(8)-2)\\ &:= -4+T(T(-1+8+T(T(2)))).\end{aligned}$$

$$\begin{aligned}\mathbf{4183} &:= F(F(4)) + 1 \times F(F(8) - F(3)) \\ &:= T(T(4 + 1 + 8)) - 3.\end{aligned}$$

$$\begin{aligned}\mathbf{4277} &:= (F(F(F(4))) + F(2 + F(7))) \times 7 \\ &:= T(4) \times (T(T(T(2))) + T(T(7))) + 7.\end{aligned}$$

$$\begin{aligned}\mathbf{4386} &:= F(F(F(4))) - 3^8 + F(F(F(6))) \\ &:= (-T(4) + T(38)) \times 6.\end{aligned}$$

$$\begin{aligned}\mathbf{4388} &:= F(4) - 3^8 + F(F(8)) \\ &:= -T(T(T(4))) + T(38) \times 8.\end{aligned}$$

$$\begin{aligned}\mathbf{4427} &:= (F(4) + 4^2) \times F(F(7)) \\ &:= (T(T(T(4))) - T(T(4))) \times T(2) - T(7).\end{aligned}$$

$$\begin{aligned}\mathbf{4455} &:= F(4)^4 \times 55 \\ &:= T(T(4)) \times (T(-4 + T(5)) + T(5)).\end{aligned}$$

$$\begin{aligned}\mathbf{4536} &:= (F(F(F(4))) + 5)^3 \times F(F(6)) \\ &:= (T(4 \times 5) + T(3)) \times T(6).\end{aligned}$$

$$\begin{aligned}\mathbf{4624} &:= (4 + F(6)^2)^{F(F(4))} \\ &:= T(4) \times T(T(6)) \times 2 + 4.\end{aligned}$$

$$\begin{aligned}\mathbf{4632} &:= (F(4) + F(F(6))^3)/2 \\ &:= (T(4) \times T(T(6)) + T(3)) \times 2.\end{aligned}$$

$$\begin{aligned}\mathbf{4746} &:= (-4 + F(F(7)) - F(4)) \times F(F(6)) \\ &:= (T(T(4)) + T(T(7) - T(4))) \times T(6).\end{aligned}$$

$$\begin{aligned}\mathbf{4788} &:= (F(4) + F(F(7)) - 8) \times F(8) \\ &:= (T(T(4)) + 78) \times T(8).\end{aligned}$$

$$\begin{aligned}\mathbf{4847} &:= -4 - F(8) \times (F(F(4)) - F(F(7))) \\ &:= -4 + T(T(8) + T(T(4)) + 7).\end{aligned}$$

$$\begin{aligned}\mathbf{4871} &:= -F(F(F(4))) + F(8) \times (F(F(7)) - 1) \\ &:= (4 + 8) \times T(T(7)) - 1.\end{aligned}$$

$$\begin{aligned}\mathbf{4872} &:= F(F(F(4))) \times F(8) \times (F(F(7)) - F(2)) \\ &:= T(T(T(4)) + T(8) + 7) + T(T(T(2))).\end{aligned}$$

$$\begin{aligned}\mathbf{4889} &:= -4 + F(8) \times F(-F(8) + F(9)) \\ &:= T(T(T(4)) + T(8)) + T(-8 + T(9)).\end{aligned}$$

$$\begin{aligned}\mathbf{4892} &:= -F(F(F(4))) + F(8) \times F(F(9 - 2)) \\ &:= T(T(4)) \times 89 - T(2).\end{aligned}$$

$$\begin{aligned}\mathbf{4935} &:= F(4 + 9 + 3) \times 5 \\ &:= -T(-4 + 9) + T(-T(T(3)) + T(T(5))).\end{aligned}$$

$$\begin{aligned}\mathbf{5497} &:= F(5 \times F(4)) \times 9 + 7 \\ &:= -T(5) + 4 \times T(T(9) + 7).\end{aligned}$$

$$\begin{aligned}\mathbf{6300} &:= F(F(6)) \times 300 \\ &:= T(6) \times 300.\end{aligned}$$

$$\begin{aligned}\mathbf{6615} &:= F(F(6)) \times F(F(6)) \times 15 \\ &:= T(6) \times T(6) \times 15.\end{aligned}$$

$$\begin{aligned}\mathbf{6744} &:= -F(F(6)) + F(F(7) + F(4) + 4) \\ &:= 6 \times (-T(T(7)) - T(4) + T(T(T(4)))).\end{aligned}$$

$$\begin{aligned}\mathbf{6762} &:= -F(F(6))/7 + F(F(F(6)) - F(2)) \\ &:= (T(T(6)) + T(7 + 6)) \times T(T(T(2))).\end{aligned}$$

$$\begin{aligned}\mathbf{6933} &:= 6 \times F(9)^{F(3)} - 3 \\ &:= T(T(6)) \times (9 + T(T(3))) + 3.\end{aligned}$$

$$\begin{aligned}\mathbf{6934} &:= 6 \times F(9)^{F(3)} - F(F(4)) \\ &:= T(T(6)) \times (9 + T(T(3))) + 4.\end{aligned}$$

$$\begin{aligned}\mathbf{6936} &:= 6 \times F(9) \times F(3 + 6) \\ &:= T(T(6)) \times (9 + T(T(3))) + 6.\end{aligned}$$

$$\begin{aligned}\mathbf{6954} &:= 6 \times (T(T(9)) + T(T(5)) + 4) \\ &:= F(F(6)) \times 9 + F(5 \times 4).\end{aligned}$$

$$\begin{aligned}\mathbf{6993} &:= F(F(6)) \times 9 \times (F(9) + 3) \\ &:= T(6) \times (-T(9) + T(9 \times 3)).\end{aligned}$$

$$\begin{aligned}\mathbf{7392} &:= (F(F(7)) - F(3)) \times (F(9) - 2) \\ &:= T(7) \times (T(3) \times T(9)) - T(T(2)).\end{aligned}$$

$$\begin{aligned}\mathbf{7883} &:= -F(7) + 8 \times F(8 \times F(3)) \\ &:= (T(7 \times 8) + T(T(9))) \times 3.\end{aligned}$$

$$\begin{aligned}\mathbf{7924} &:= F(F(7)) \times F(9) - 2 + 4 \\ &:= 7 \times (T(T(9) + 2) + 4).\end{aligned}$$

$$\begin{aligned}\mathbf{8294} &:= (F(F(8) - 2) - F(9)) \times F(F(4)) \\ &:= 8 \times (T(2) + T(T(9))) - T(4).\end{aligned}$$

$$\begin{aligned}\mathbf{8352} &:= (F(F(8) - F(3)) - 5) \times 2 \\ &:= T(8) \times T(T(T(3))) + T(5 + T(2)).\end{aligned}$$

$$\begin{aligned}\mathbf{8364} &:= F(F(8)) + F(3) - F(6 \times F(4)) \\ &:= -T(T(8)) + T(T(T(3)) + T(6)) \times T(4).\end{aligned}$$

$$\begin{aligned}\mathbf{8464} &:= (84 + F(6))^{F(F(4))} \\ &:= T(8) \times (4 + T(T(6))) + 4.\end{aligned}$$

$$\begin{aligned}\mathbf{9248} &:= F(9)^{-2+4} \times 8 \\ &:= (9 - T(2)) \times T(T(T(4))) + 9.\end{aligned}$$

$$\begin{aligned}\mathbf{9586} &:= -F(9) \times 5 \times 8 + F(F(F(6))) \\ &:= T(9) \times T(T(5)) + T(T(-8 + T(6))).\end{aligned}$$

$$\begin{aligned}\mathbf{9837} &:= 98^{F(3)} + F(F(7)) \\ &:= 9 \times (T(T(8)) + T(T(3)) + T(T(7))).\end{aligned}$$

2.1.2. ***Reverse Order of Digits.***

$$\begin{aligned}\mathbf{34} &:= F(F(4)^{F(3)}) \\ &:= T(T(4)) - T(T(3)).\end{aligned}$$

$$\begin{aligned}\mathbf{36} &:= 6^{F(3)} \\ &:= 6 \times T(3).\end{aligned}$$

$$\begin{aligned}\mathbf{55} &:= F(5+5) \\ &:= T(5+5).\end{aligned}$$

$$\begin{aligned}\mathbf{63} &:= 3 \times F(F(6)) \\ &:= 3 \times T(6).\end{aligned}$$

$$\begin{aligned}\mathbf{168} &:= F(8) \times F(6) \times 1 \\ &:= 8 \times T(6 \times 1).\end{aligned}$$

$$\begin{aligned}\mathbf{231} &:= F(13) - 2 \\ &:= T(T(1 \times 3 \times 2)).\end{aligned}$$

$$\begin{aligned}\mathbf{233} &:= F(F(3 \times 3 - 2)) \\ &:= T(T(3+3)) + 2.\end{aligned}$$

$$\begin{aligned}\mathbf{234} &:= F(F(4+3)) + F(2) \\ &:= T(4 \times 3) \times T(2).\end{aligned}$$

$$\begin{aligned}\mathbf{237} &:= F(F(7)) + F(3) + 2 \\ &:= T(7 \times 3) + T(T(2)).\end{aligned}$$

$$\begin{aligned}\mathbf{243} &:= 3^{F(4)+2} \\ &:= 3^4 \times T(2).\end{aligned}$$

$$\begin{aligned}\mathbf{256} &:= (F(F(6)) - 5)^2 \\ &:= (T(6) - 5)^2.\end{aligned}$$

$$\begin{aligned}\mathbf{466} &:= F(-F(6) + F(F(6))) \times F(F(4)) \\ &:= T(T(6)) + T(T(6)) + 4.\end{aligned}$$

$$\begin{aligned}\mathbf{693} &:= (-F(F(3)) + F(9)) \times F(F(6)) \\ &:= (-T(3) + 9) \times T(T(6)).\end{aligned}$$

$$\begin{aligned}\mathbf{882} &:= 2 \times F(8) \times F(8) \\ &:= T(T(2)) \times T(8) + T(T(8)).\end{aligned}$$

$$\begin{aligned}\mathbf{0105} &:= 50 + F(10) \\ &:= 50 + T(10).\end{aligned}$$

$$\begin{aligned}\mathbf{0127} &:= 72 + F(10) \\ &:= 72 + T(10).\end{aligned}$$

$$\begin{aligned}\mathbf{0136} &:= -F(6) + F(F(3) + 10) \\ &:= T(6) \times T(3) + 10.\end{aligned}$$

$$\begin{aligned}\mathbf{0137} &:= -7 + F(F(3) + 10) \\ &:= -T(7) + 3 \times T(10).\end{aligned}$$

$$\begin{aligned}\mathbf{0138} &:= 83 + F(10) \\ &:= 83 + T(10).\end{aligned}$$

$$\begin{aligned}\mathbf{0143} &:= F(3 \times 4) - 1 + 0 \\ &:= T(T(T(3)) - 4) - 10.\end{aligned}$$

$$\begin{aligned}\mathbf{0149} &:= 94 + F(10) \\ &:= 94 + T(10).\end{aligned}$$

$$\begin{aligned}\mathbf{0165} &:= (-5 + F(6)) \times F(10) \\ &:= T(5) \times (T(6) - 10).\end{aligned}$$

$$\begin{aligned}\mathbf{0168} &:= F(8) \times F(6 \times 1 + 0) \\ &:= -8 + T(T(6)) - T(10).\end{aligned}$$

$$\begin{aligned}\mathbf{0186} &:= 6 \times (F(8) + 10) \\ &:= T(T(6)) - T(8 + 1 + 0).\end{aligned}$$

$$\begin{aligned}\mathbf{0231} &:= T(1^3 + 20) \\ &:= F(13) - 2 + 0.\end{aligned}$$

$$\begin{aligned}\mathbf{0253} &:= F(F(F(3) + 5)) + 20 \\ &:= T(-3 + 5 + 20).\end{aligned}$$

$$\begin{aligned}\mathbf{0256} &:= (F(F(6)) - 5)^{2+0} \\ &:= T(T(6)) + 5 + 20.\end{aligned}$$

$$\begin{aligned}\mathbf{0376} &:= F(F(F(6)) - 7) - F(F(3 + 0)) \\ &:= T(T(6) + 7) - 30.\end{aligned}$$

$$\begin{aligned}\mathbf{0378} &:= F(F(8) - 7) + F(F(3 + 0)) \\ &:= -87 + T(30).\end{aligned}$$

$$\begin{aligned}\mathbf{0417} &:= F(F(7) + 1) + 40 \\ &:= T(T(7)) - 9 + 3 \times 0.\end{aligned}$$

$$\begin{aligned}\mathbf{0568} &:= 8 \times (F(F(6)) + 50) \\ &:= 8 \times (T(6) + 50).\end{aligned}$$

$$\mathbf{1165} := 5 \times F(F(6 \times 1 + 1)) := 5 \times (T(T(6)) + 1 + 1).$$

$$\mathbf{1536} := F(6)^3 \times F(5 - 1) := T(T(6)) - T(T(3)) + T(51).$$

$$\mathbf{1546} := F(F(F(6)) - 4) - 51 := 6 + T(4 + 51).$$

$$\mathbf{1576} := F(F(6)) \times 75 + 1 := T(6) \times 75 + 1.$$

$$\mathbf{1594} := -F(4) + F(9 + F(5 + 1)) := T(T(T(4))) + 9 \times (5 + 1).$$

$$\mathbf{1596} := 6 \times T(9) + T(51) := F(F(6) + 9) - F(F(F(5 - 1))).$$

$$\mathbf{1618} := F(8) + F(16 + 1) := (8 - 1) \times T(T(6)) + 1.$$

$$\mathbf{1684} := F(F(4)) \times F(F(8))/F(6 + 1) := 4 + 8 \times T(T(6) - 1).$$

$$\mathbf{1687} := (F(F(7)) + 8) \times (6 + 1) := 7 + 8 \times T(T(6) - 1).$$

$$\mathbf{1764} := 4 \times F(F(6)) \times F(7 + 1) := 4 \times T(6) \times T(7 - 1).$$

$$\mathbf{1778} := (F(8) + F(F(7))) \times 7 \times 1 := 8 + T(T(T(7))/7 + 1).$$

$$\mathbf{1847} := (F(F(7)) - F(F(4))) \times 8 - 1 := T(T(T(7 - 4))) \times 8 - 1.$$

$$\mathbf{1848} := 84 \times (F(8) + 1) := 8 \times T(T(T(-4 + 8 - 1))).$$

$$\mathbf{1864} := (F(F(4)) + 6) \times F(F(8 - 1)) := 4 \times (T(-6 + T(8)) + 1).$$

$$\mathbf{1925} := F(5 \times 2) \times (F(9) + 1) := T(5) \times T(T(T(T(2)))) - T(T(9 + 1)).$$

$$\mathbf{2079} := 9 \times (F(F(7)) - 02) := 9 \times T(7 \times T(02)).$$

$$\mathbf{2478} := -8 + T(T(7)) + T(4^{T(2)}) := F(8) \times (F(F(7)) + F(4))/2.$$

$$\mathbf{2529} := 9 + T(T(T(2))) \times T(5 \times T(2)) := F(9 \times 2) - F(5 \times 2).$$

$$\mathbf{2563} := (3 + F(6)) \times F(F(5 + 2)) := T(3 \times 6) \times T(5) - 2.$$

$$\mathbf{2577} := -7 + F(-7 + 5^2) := T(-7 + T(7 + 5)) + T(T(T(2))).$$

$$\mathbf{2583} := F(-3 + F(8)) - F(F(5 - 2)) := 3 \times T(T(8) + T(5)/T(2)).$$

$$\mathbf{2584} := F((-4 + 8) \times 5 - 2) := 4 \times (T(T(8)) - T(T(5))/T(T(2))).$$

$$\mathbf{2585} := F(5 + 8 + 5) + F(2) := -T(5) + 8 \times T(5^2).$$

$$\mathbf{2586} := F(6 \times (8 - 5)) + 2 := T(68) + T(T(5)) \times 2.$$

$$\mathbf{2592} := F(2 \times 9) + F(5 + F(2)) := T(T(2))^{9-5} \times 2.$$

$$\mathbf{2597} := F(7) + F(9 \times F(5 - 2)) := -T(T(7)) + T(-T(9) + T(T(5)) + 2).$$

$$\mathbf{2646} := F(6 \times F(4)) + 62 := T(T(6 - 4)) \times T(6)^2.$$

$$\mathbf{2648} := F(F(8) - F(4)) + F(6)^2 := (T(T(8)) - 4) \times (6 - 2).$$

$$\mathbf{2667} := (F(F(7)) + F(F(6))) \times F(F(6))/2 := 7 \times (T(T(6) + 6) + T(2)).$$

$$\mathbf{2688} := 8 \times F(8) \times F(6) \times 2 := 8 \times 8 \times T(6) \times 2.$$

$$\mathbf{2736} := (F(F(6)) - F(3)) \times F(F(7) - F(2)) := (T(T(6) + 3) + T(T(7)) \times T(T(2))).$$

$$\mathbf{2772} := (-2 + F(F(7))) \times (F(7) - F(2)) := -T(2) + T(77 - T(2)).$$

$$\mathbf{2784} := (4 + 8) \times (F(F(7)) - F(2)) := 4 \times T(T(8)) + T(T(7 - 2)).$$

$$\mathbf{2794} := (F(4) + 9) \times F(F(7)) - 2 := (T(T(4)) + T(9)) \times T(7) - T(T(2)).$$

$$\mathbf{2796} := (F(F(6)) - 9) \times F(F(7) \times F(2)) := T(6) + T((9 + T(7)) \times 2).$$

$$\mathbf{2937} := (F(F(7) - F(3))) \times (F(9) - F(2)) := -T(7) \times T(3) + T(T(9)) \times T(2).$$

$$\begin{aligned}\mathbf{3087} &:= 7 \times F(8)^{F(03)}\\ &:= T(78) + T(03).\end{aligned}$$

$$\begin{aligned}\mathbf{3136} &:= (F(F(6) + F(3)) + 1)^{F(3)}\\ &:= T(T(6 + T(3))) + T(T(1 + 3)).\end{aligned}$$

$$\begin{aligned}\mathbf{3249} &:= (F(9 + F(F(F(4)))) + 2)^{F(3)}\\ &:= 9 + T(T(4) \times 2^3).\end{aligned}$$

$$\begin{aligned}\mathbf{3372} &:= (2 + F(7))^3 - 3\\ &:= T(-2 + 7)^3 - 3.\end{aligned}$$

$$\begin{aligned}\mathbf{3384} &:= (F(4) + F(F(8) - F(F(3))))/F(3)\\ &:= T(T(T(4)) - 8) \times (-3 + T(3)).\end{aligned}$$

$$\begin{aligned}\mathbf{3385} &:= (5 + F(F(8) - F(F(3))))/F(3)\\ &:= 5 \times (T(T(8)) + T(T(T(3)))/T(T(3))).\end{aligned}$$

$$\begin{aligned}\mathbf{3495} &:= 5 \times F(9 + 4) \times 3\\ &:= -T(5) + T(9) \times T(4 \times 3).\end{aligned}$$

$$\begin{aligned}\mathbf{3528} &:= F(8)^2 \times (5 + 3)\\ &:= T(82) + 5^3.\end{aligned}$$

$$\begin{aligned}\mathbf{3575} &:= 5 \times F(7) \times F(5 \times F(3))\\ &:= 5 + T(T(7) \times T(5 - 3)).\end{aligned}$$

$$\begin{aligned}\mathbf{3628} &:= -F(8) + (F(2) + F(F(F(6))))/3\\ &:= T(82) + T(T(6)) - T(3).\end{aligned}$$

$$\begin{aligned}\mathbf{3645} &:= 5 \times (F(4) + 6)^3\\ &:= 5 \times T(-4 + 6)^{T(3)}.\end{aligned}$$

$$\begin{aligned}\mathbf{3647} &:= (-7 + F(F(4)) + F(F(F(6))))/3\\ &:= -T(7) + T(T(T(4)) - 6) \times 3.\end{aligned}$$

$$\begin{aligned}\mathbf{3648} &:= (F(F(8)) - F(F(4)))/(6 - 3)\\ &:= T(84) + T(6 + T(3)).\end{aligned}$$

$$\begin{aligned}\mathbf{3649} &:= (F(F(9/F(4))) + F(F(F(6))))/3\\ &:= T(T(9 + 4) - 6) - T(3).\end{aligned}$$

$$\begin{aligned}\mathbf{3652} &:= (2 \times 5 + F(F(F(6))))/3\\ &:= T(T(-2 + T(5)) - 6) - 3.\end{aligned}$$

$$\begin{aligned}\mathbf{3728} &:= 8 \times F(F(2) \times F(7)) \times F(3)\\ &:= T(82) + T(T(7) - 3).\end{aligned}$$

$$\begin{aligned}\mathbf{3736} &:= F(6) \times (F(3) \times F(F(7)) + F(F(3)))\\ &:= T(T(6 + 3)) + T(73).\end{aligned}$$

$$\begin{aligned}\mathbf{3738} &:= 8 \times T(T(3)) + T(T(7) \times 3)\\ &:= F(8) \times F(3) \times F(F(7) - F(3)).\end{aligned}$$

$$\begin{aligned}\mathbf{3773} &:= (-F(3) + F(7)) \times 7^3\\ &:= T(T(T(3))) - T(7) + T(T(7) \times 3).\end{aligned}$$

$$\begin{aligned}\mathbf{3786} &:= 6 \times (F(8) + F(F(7) + F(3)))\\ &:= 6 + T(8) \times T(-7 + T(T(3))).\end{aligned}$$

$$\begin{aligned}\mathbf{3789} &:= 9 \times F(F(8))/(F(7) \times F(3))\\ &:= 9 + T(8) \times T(-7 + T(T(3))).\end{aligned}$$

$$\begin{aligned}\mathbf{3864} &:= -4 \times (F(F(6)) - F(8 \times F(3)))\\ &:= -(T(T(4)) - T(T(6)) - 8) \times T(T(3)).\end{aligned}$$

$$\begin{aligned}\mathbf{3927} &:= (F(F(7)) - 2) \times F(9)/F(3)\\ &:= 7 \times T((2 + 9) \times 3).\end{aligned}$$

$$\begin{aligned}\mathbf{3948} &:= F(F(8) - F(F(4))) - F(F(9 - F(3)))\\ &:= T(84) + T(9 \times 3).\end{aligned}$$

$$\begin{aligned}\mathbf{3966} &:= F(F(6)) \times F(F(6)) \times 9 - 3\\ &:= T(6) \times T(6) \times 9 - 3.\end{aligned}$$

$$\begin{aligned}\mathbf{3968} &:= F(8) \times F(F(6)) \times 9 - F(F(3))\\ &:= 8 \times T((T(T(6)) - T(9))/T(3)).\end{aligned}$$

$$\begin{aligned}\mathbf{3969} &:= (9 \times 6 + 9)^{F(3)}\\ &:= 9 \times T(6) \times T(9 - 3).\end{aligned}$$

$$\begin{aligned}\mathbf{4147} &:= (7 + 4) \times F(14)\\ &:= 7 + 4 \times T(T(-1 + T(4))).\end{aligned}$$

$$\begin{aligned}\mathbf{4176} &:= F(6 + F(7)) - 1 - 4\\ &:= T(T(6 + 7)) - T(1 \times 4).\end{aligned}$$

$$\begin{aligned}\mathbf{4182} &:= F(2) + F(F(8) + 1 - F(4))\\ &:= T(T(T(T(2)) + 8 - 1)) - 4.\end{aligned}$$

$$\begin{aligned}\mathbf{4183} &:= F(3) + F(F(8) + 1 - F(4))\\ &:= -3 + T(T(8 + 1 + 4)).\end{aligned}$$

$$\begin{aligned}\mathbf{4277} &:= 7 \times (F(F(7) + 2) + F(F(F(4))))\\ &:= 7 + (T(T(7)) + T(T(T(2)))) \times T(4).\end{aligned}$$

$$\begin{aligned}\mathbf{4356} &:= (65 + F(F(3)))^{F(F(4))}\\ &:= T(6 + 5)^{T(3)-4}.\end{aligned}$$

$$\begin{aligned}\mathbf{4378} &:= (-8 + F(7)^3) \times F(F(4))\\ &:= (-8 + T(T(7))) \times (T(T(3)) - T(4)).\end{aligned}$$

$$\begin{aligned}\mathbf{4427} &:= F(F(7)) \times (-2 + F(4 + 4))\\ &:= -T(7) + T(2)^4 \times T(T(4)).\end{aligned}$$

$$\begin{aligned}\mathbf{4455} &:= 55 \times F(4)^4\\ &:= (T(5)/5)^4 \times T(T(4)).\end{aligned}$$

$$\mathbf{4536} := 6^3 \times F(5+F(4)) \\ := T(6) \times (T(3)+T(5\times 4)).$$

$$\mathbf{4624} := (4+2^6)^{F(F(4))} \\ := 4 + T(2) \times T(T(6+4)).$$

$$\mathbf{4746} := F(F(6)) \times (-F(4)+F(F(7))-4) \\ := T(6) \times (T(T(4))+T(T(7)-T(4))).$$

$$\mathbf{4788} := F(8) \times (-8+F(F(7))+F(4)) \\ := (-8+T(8)) \times T(T(7)-T(4)).$$

$$\mathbf{4847} := (F(F(7))-F(F(4))) \times F(8)-4 \\ := T(7+T(T(4))+T(8))-4.$$

$$\mathbf{4871} := (-1+F(F(7))) \times F(8)-F(F(F(4))) \\ := -1+T(T(7)) \times (8+4).$$

$$\mathbf{4872} := (-F(2)+F(F(7))) \times F(8) \times F(F(F(4))) \\ := T(2) \times T(T(7)) \times (8-4).$$

$$\mathbf{4889} := F(F(9)-F(8)) \times F(8)-4 \\ := T(T(9)-8)+T(T(8)+T(T(4))).$$

$$\mathbf{4892} := F(F(-2+9)) \times F(8)-F(F(F(4))) \\ := (-T(T(T(T(2))))+T(T(9))) \times 8-T(T(T(4))).$$

$$\mathbf{4896} := 6 \times F(9) \times 8 \times F(4) \\ := T(6+T(9))+T(84).$$

$$\mathbf{4935} := 5 \times F(3+9+4) \\ := (T(T(5))+T(T(3))) \times (T(9)-T(4)).$$

$$\mathbf{4956} := F(F(6)) \times 59 \times 4 \\ := 6+T(5+94).$$

$$\mathbf{4987} := F(F(7)) \times F(8)+94 \\ := 7 \times (T(T(8))+T(9))+T(4).$$

$$\mathbf{5376} := F(F(6)) \times (F(7)+3^5) \\ := T(T(6))+7^3 \times T(5).$$

$$\mathbf{5497} := 7+9 \times F(F(4) \times 5) \\ := T(7+T(9)) \times 4-T(5).$$

$$\mathbf{6327} := -F(F(7))-F(2)+3^{F(6)} \\ := 7 \times T(2 \times T(T(3)))+6.$$

$$\mathbf{6456} := -F(F(6)) \times 5+F(4)^{F(6)} \\ := 6 \times (-5+T(46)).$$

$$\mathbf{6472} := -F(-2+F(7))+F(4)^{F(6)} \\ := T(T(T(T(2)))) \times T(7)+T(4)-6.$$

$$\mathbf{6489} := -9 \times 8+F(4)^{F(6)} \\ := 9 \times (T(T(8))+T(4+6)).$$

$$\mathbf{6744} := F(F(4)^{F(4)}-7)-F(F(6)) \\ := (-4+T(47)) \times 6.$$

$$\mathbf{6936} := 6+(T(T(3))+9) \times T(T(6)) \\ := F(6+3) \times F(9) \times 6.$$

$$\mathbf{6954} := F(4 \times 5)+9 \times F(F(6)) \\ := (4+T(T(5))+T(T(9))) \times 6.$$

$$\mathbf{6993} := (3+F(9)) \times 9 \times F(F(6)) \\ := (T(3 \times 9)-T(9)) \times T(6).$$

$$\mathbf{7223} := (32-F(2)) \times F(F(7)) \\ := (T(T(T(3)))+2) \times (T(2)+T(7)).$$

$$\mathbf{7392} := (-2+F(9)) \times (-F(3)+F(F(7))) \\ := (T(T(2)) \times T(9)-T(3)) \times T(7).$$

$$\mathbf{7776} := 6^{F(7)-F(-7+F(7))} \\ := 6^{(T(7)+7)/7}.$$

$$\mathbf{7896} := F(6) \times 987 \\ := T(-6+T(9)+8) \times 7.$$

$$\mathbf{7924} := (4+T(2+T(9))) \times 7 \\ := F(F(4))+F(2) \times F(9) \times F(F(7)).$$

$$\mathbf{8294} := F(F(4)) \times (-F(9)+F(-2+F(8))) \\ := -T(4)+(T(T(9))+T(2)) \times 8.$$

$$\mathbf{8352} := 2 \times (-5+F(-F(3)+F(8))) \\ := (T(T(2))-5+T(T(T(3)))) \times T(8).$$

$$\mathbf{8364} := F(F(4))-F(6 \times 3)+F(F(8)) \\ := T(4) \times T(T(6)+T(T(3)))-T(T(8)).$$

$$\mathbf{9248} := F(8)^{F(4)}-F(-2+9) \\ := 8+T(T(T(4))) \times (-T(2)+9).$$

$$\mathbf{9586} := F(F(F(6)))-8 \times 5 \times F(9) \\ := T(T(T(6)-8))+T(T(5)) \times T(9).$$

2.2. **With Factorial.**

In this subsection, we shall bring **selfie numbers written in terms of Fibonacci sequence and Triangular numbers** at the same time. The numbers are with used of basic operations and factorial. Again, the work is divided in two subsections, one in digit's order and another in reverse order of digits.

2.2.1. ***Digit's Order.***

$\mathbf{5760} := (-5 + F(7)) \times 6! + 0 = (T(5) - 7) \times 6! + 0.$
$\mathbf{5761} := (-5 + F(7)) \times 6! + 1 = (T(5) - 7) \times 6! + 1.$
$\mathbf{5762} := (-5 + F(7)) \times 6! + 2 = (T(5) - 7) \times 6! + 2.$
$\mathbf{5763} := (-5 + F(7)) \times 6! + 3 = (T(5) - 7) \times 6! + 3.$
$\mathbf{5764} := (-5 + F(7)) \times 6! + 4 = (T(5) - 7) \times 6! + 4.$
$\mathbf{5765} := (-5 + F(7)) \times 6! + 5 = (T(5) - 7) \times 6! + 5.$
$\mathbf{5766} := (-5 + F(7)) \times 6! + 6 = (T(5) - 7) \times 6! + 6.$
$\mathbf{5767} := (-5 + F(7)) \times 6! + 7 = (T(5) - 7) \times 6! + 7.$
$\mathbf{5768} := (-5 + F(7)) \times 6! + 8 = (T(5) - 7) \times 6! + 8.$
$\mathbf{5769} := (-5 + F(7)) \times 6! + 9 = (T(5) - 7) \times 6! + 9.$

$\mathbf{6480} := 6! + F(4)!! \times 8 + 0 = 6!/4 \times T(8) + 0.$
$\mathbf{6481} := 6! + F(4)!! \times 8 + 1 = 6!/4 \times T(8) + 1.$
$\mathbf{6482} := 6! + F(4)!! \times 8 + 2 = 6!/4 \times T(8) + 2.$
$\mathbf{6483} := 6! + F(4)!! \times 8 + 3 = 6!/4 \times T(8) + 3.$
$\mathbf{6484} := 6! + F(4)!! \times 8 + 4 = 6!/4 \times T(8) + 4.$
$\mathbf{6485} := 6! + F(4)!! \times 8 + 5 = 6!/4 \times T(8) + 5.$
$\mathbf{6486} := 6! + F(4)!! \times 8 + 6 = 6!/4 \times T(8) + 6.$
$\mathbf{6487} := 6! + F(4)!! \times 8 + 7 = 6!/4 \times T(8) + 7.$
$\mathbf{6488} := 6! + F(4)!! \times 8 + 8 = 6!/4 \times T(8) + 8.$
$\mathbf{6489} := 6! + F(4)!! \times 8 + 9 = 6!/4 \times T(8) + 9.$

$\mathbf{6720} := (F(6))!/(7 - F(2)) + 0 = 6! \times T(7)/T(2) + 0.$
$\mathbf{6721} := (F(6))!/(7 - F(2)) + 1 = 6! \times T(7)/T(2) + 1.$
$\mathbf{6722} := (F(6))!/(7 - F(2)) + 2 = 6! \times T(7)/T(2) + 2.$
$\mathbf{6723} := (F(6))!/(7 - F(2)) + 3 = 6! \times T(7)/T(2) + 3.$
$\mathbf{6724} := (F(6))!/(7 - F(2)) + 4 = 6! \times T(7)/T(2) + 4.$
$\mathbf{6725} := (F(6))!/(7 - F(2)) + 5 = 6! \times T(7)/T(2) + 5.$
$\mathbf{6726} := (F(6))!/(7 - F(2)) + 6 = 6! \times T(7)/T(2) + 6.$
$\mathbf{6727} := (F(6))!/(7 - F(2)) + 7 = 6! \times T(7)/T(2) + 7.$
$\mathbf{6728} := (F(6))!/(7 - F(2)) + 8 = 6! \times T(7)/T(2) + 8.$
$\mathbf{6729} := (F(6))!/(7 - F(2)) + 9 = 6! \times T(7)/T(2) + 9.$

$\mathbf{6840} := (6! + 8!)/F(4)! + 0 = (6! - T(8)) \times T(4) + 0.$
$\mathbf{6841} := (6! + 8!)/F(4)! + 1 = (6! - T(8)) \times T(4) + 1.$
$\mathbf{6842} := (6! + 8!)/F(4)! + 2 = (6! - T(8)) \times T(4) + 2.$
$\mathbf{6843} := (6! + 8!)/F(4)! + 3 = (6! - T(8)) \times T(4) + 3.$
$\mathbf{6844} := (6! + 8!)/F(4)! + 4 = (6! - T(8)) \times T(4) + 4.$
$\mathbf{6845} := (6! + 8!)/F(4)! + 5 = (6! - T(8)) \times T(4) + 5.$
$\mathbf{6846} := (6! + 8!)/F(4)! + 6 = (6! - T(8)) \times T(4) + 6.$
$\mathbf{6847} := (6! + 8!)/F(4)! + 7 = (6! - T(8)) \times T(4) + 7.$
$\mathbf{6848} := (6! + 8!)/F(4)! + 8 = (6! - T(8)) \times T(4) + 8.$
$\mathbf{6849} := (6! + 8!)/F(4)! + 9 = (6! - T(8)) \times T(4) + 9.$

$\mathbf{7560} := 7! + 5! \times F(F(6)) + 0 = 7! + 5! \times T(6) + 0.$
$\mathbf{7561} := 7! + 5! \times F(F(6)) + 1 = 7! + 5! \times T(6) + 1.$
$\mathbf{7562} := 7! + 5! \times F(F(6)) + 2 = 7! + 5! \times T(6) + 2.$
$\mathbf{7563} := 7! + 5! \times F(F(6)) + 3 = 7! + 5! \times T(6) + 3.$
$\mathbf{7564} := 7! + 5! \times F(F(6)) + 4 = 7! + 5! \times T(6) + 4.$
$\mathbf{7565} := 7! + 5! \times F(F(6)) + 5 = 7! + 5! \times T(6) + 5.$
$\mathbf{7566} := 7! + 5! \times F(F(6)) + 6 = 7! + 5! \times T(6) + 6.$
$\mathbf{7567} := 7! + 5! \times F(F(6)) + 7 = 7! + 5! \times T(6) + 7.$
$\mathbf{7568} := 7! + 5! \times F(F(6)) + 8 = 7! + 5! \times T(6) + 8.$
$\mathbf{7569} := 7! + 5! \times F(F(6)) + 9 = 7! + 5! \times T(6) + 9.$

$\mathbf{21} := F(F((2 + 1)!))$
$:= T(T(2 + 1)).$

$\mathbf{23} := 2 + F(F(3!))$
$:= 2 + T(T(3)).$

$\mathbf{123} := F(12) - F(F(3!))$
$:= (-1 + T(T(2)))! + 3.$

$\mathbf{126} := (1 + 2)! \times F(F(6))$
$:= T(1 + 2) \times T(6).$

$\mathbf{143} := -1 + F(4 \times 3)$
$:= -1 + 4! \times T(3).$

$\mathbf{147} := 1 \times F(F(F(4)!)) \times 7$
$:= T(T(-1 + 4)) \times 7.$

$\mathbf{227} := -F(2 + 2)! + F(F(7))$
$:= T(T(T(T(2)))) + T(2) - 7.$

$\mathbf{231} := -2 + F(F(3! + 1))$
$:= T(T(2 \times 3 \times 1)).$

$$\begin{aligned}\mathbf{232} &:= -F(2)+F(F(3!+F(2)))\\ &:= T(2)+T(T(T(3)))-2.\end{aligned}$$

$$\begin{aligned}\mathbf{235} &:= 2+F(F(F(3)+5))\\ &:= T(T(2))!/3-5.\end{aligned}$$

$$\begin{aligned}\mathbf{248} &:= 2^{F(F(4)!)}-8\\ &:= (T(T(T(2)))+T(4))\times 8.\end{aligned}$$

$$\begin{aligned}\mathbf{254} &:= F(F(2+5))+F(F(F(4)!))\\ &:= -T(T(T(2)))+5\times T(T(4)).\end{aligned}$$

$$\begin{aligned}\mathbf{264} &:= 2^{F(6)}+F(F(4)!)\\ &:= -T(2+6)+T(4!).\end{aligned}$$

$$\begin{aligned}\mathbf{273} &:= F(2)\times F(7)\times F(F(3!))\\ &:= T(2)\times T(7+T(3)).\end{aligned}$$

$$\begin{aligned}\mathbf{274} &:= F(2)+F(7)\times F(F(F(4)!))\\ &:= 2-T(7)+T(4!).\end{aligned}$$

$$\begin{aligned}\mathbf{315} &:= F(F(3!))\times 15\\ &:= 3\times T(-1+T(5)).\end{aligned}$$

$$\begin{aligned}\mathbf{336} &:= F(3)\times F(3!)\times F(F(6))\\ &:= T(3\times T(T(3)))/6.\end{aligned}$$

$$\begin{aligned}\mathbf{354} &:= (-F(3)+5!)\times F(4)\\ &:= -T(3)+T(5)\times 4!.\end{aligned}$$

$$\begin{aligned}\mathbf{384} &:= F(3)\times 8\times 4!\\ &:= T(3)!-T(8)-T(4!).\end{aligned}$$

$$\begin{aligned}\mathbf{420} &:= F(F(F(4)!))\times 20\\ &:= T(4!)+(T(T(2))-0!)!.\end{aligned}$$

$$\begin{aligned}\mathbf{432} &:= F(4)\times F(3!\times 2)\\ &:= 4!\times T(3)\times T(2).\end{aligned}$$

$$\begin{aligned}\mathbf{433} &:= -F(F(4)!)+F(F(3!))^{F(3)}\\ &:= T(T(4))+T(3^3).\end{aligned}$$

$$\begin{aligned}\mathbf{445} &:= F(F(4)+F(F(4)!))\times 5\\ &:= T(4)+T(4!+5).\end{aligned}$$

$$\begin{aligned}\mathbf{462} &:= F(F(F(4)!))\times (F(F(6))+F(2))\\ &:= 4\times T(T(6))/2.\end{aligned}$$

$$\begin{aligned}\mathbf{472} &:= (F(4)+F(F(7)))\times 2\\ &:= -4!+T(T(7)+T(2)).\end{aligned}$$

$$\begin{aligned}\mathbf{504} &:= F(F(5+0!))\times 4!\\ &:= T(5+0!)\times 4!.\end{aligned}$$

$$\begin{aligned}\mathbf{546} &:= (5+F(F(F(4)!)))\times F(F(6))\\ &:= T(5)+T(4!)+T(T(6)).\end{aligned}$$

$$\begin{aligned}\mathbf{564} &:= (5!+F(F(6)))\times 4\\ &:= (5!+T(6))\times 4.\end{aligned}$$

$$\begin{aligned}\mathbf{724} &:= (7-F(2))!+4\\ &:= T(7)+T(T(2))!-4!.\end{aligned}$$

$$\begin{aligned}\mathbf{727} &:= (7-F(2))!+7\\ &:= 7+T(T(T(T(2)))/7)!.\end{aligned}$$

$$\begin{aligned}\mathbf{733} &:= 7+T(3)+T(3)!\\ &:= F(7)+(3+3)!.\end{aligned}$$

$$\begin{aligned}\mathbf{735} &:= 7\times F(F(3!))\times 5\\ &:= (T(7)+T(T(3)))\times T(5).\end{aligned}$$

$$\begin{aligned}\mathbf{748} &:= 7+F(4)!!+F(8)\\ &:= T(7)+T(4!/8)!.\end{aligned}$$

$$\begin{aligned}\mathbf{842} &:= F(F(8))/F(F(4)!+F(2))\\ &:= T(T(8))-T(T(4))+T(T(T(T(2)))).\end{aligned}$$

$$\begin{aligned}\mathbf{1024} &:= (1+0!)^{2+F(F(4)!)}\\ &:= (1\times 02)^{T(4)}.\end{aligned}$$

$$\begin{aligned}\mathbf{1035} &:= F(10)\times F(F((3)!))-5!\\ &:= T(10+35).\end{aligned}$$

$$\begin{aligned}\mathbf{1042} &:= F(10)+F(4^2)\\ &:= (1+T(T(-0!+T(4))))+T(T(2)).\end{aligned}$$

$$\begin{aligned}\mathbf{1045} &:= F(10)\times (4!-5)\\ &:= 10+T(45).\end{aligned}$$

$$\begin{aligned}\mathbf{1175} &:= (1+1+F(F(7)))\times 5\\ &:= -1+T((-1+7)!/T(5)).\end{aligned}$$

$$\begin{aligned}\mathbf{1260} &:= F(F((1+2)!))\times 60\\ &:= T(1+2)\times T(T(6)-0!).\end{aligned}$$

$$\begin{aligned}\mathbf{1296} &:= (1+T(2))!\times 9\times 6\\ &:= F(12)\times 9!/(F(6))!.\end{aligned}$$

$$\begin{aligned}\mathbf{1323} &:= (-1+F(3!)^2)\times F(F(3!))\\ &:= T(T(1\times 3))\times T(2)\times T(T(3)).\end{aligned}$$

$$\begin{aligned}\mathbf{1324} &:= 1+F(F(3!))^2\times F(4)\\ &:= T((1+3)!)+2^{T(4)}.\end{aligned}$$

$$\begin{aligned}\mathbf{1343} &:= -1+F(3!)!/(4!+3!)\\ &:= -1+T(T(3))\times 4^3.\end{aligned}$$

1344 $:= (1 + F(3! + 4)) \times 4!$
$:= T(1 + T(3)) \times (4! + 4!).$

1345 $:= 1 + F(3!)!/(F(4)! \times 5)$
$:= T(-1 \times T(3) + T(T(4))) + 5!.$

1374 $:= (-1 - 3 + F(F(7))) \times F(4)!$
$:= -1 - 3 + T(T(7) + 4!).$

1378 $:= 1 + 3! \times F(F(7)) - F(8)$
$:= T(-1 - 3 + 7 \times 8).$

1404 $:= (1 + F(F(F(4)! + 0!))) \times F(4)!$
$:= T(1 + 4! + 0!) \times 4.$

1427 $:= 1 \times F(4)!! \times 2 - F(7)$
$:= 1 + T(4!) + T(T(2))! + T(T(7)).$

1434 $:= (1 - 4 + 3!!) \times F(F(4))$
$:= (-1 + T(T(4))) \times T(T(3)) + T(4!).$

1435 $:= (-1 + F(4)) \times 3!! - 5$
$:= T(-1 + 4)! + T(3)! - 5.$

1436 $:= (1 - F(4)) \times (F(3) - 6!)$
$:= -1 \times 4 + T(3)! + 6!.$

1440 $:= (-1 + F(4)) \times (F(4 + 0))!!$
$:= T(-1 + 4)! + T(4 - 0!)!.$

1444 $:= (14 + 4!)^{F(F(4))}$
$:= T(T(T(1 \times 4))) - 4! \times 4.$

1445 $:= (-1 + F(4)) \times F(4)!! + 5$
$:= (-1 + T(4!) - T(4)) \times 5.$

1446 $:= (-1 + F(4)) \times (F(4) + 6!)$
$:= (1 + 4! \times T(4)) \times 6.$

1448 $:= -1 + F(4!)/(4 \times 8)$
$:= -1 + T(T(T(4))) - T(T(4)) - T(8).$

1456 $:= F(1 + F(4)!) \times (5! - F(6))$
$:= (1 + T(T(4))) \times (5 + T(6)).$

1457 $:= 1 + (-F(F(4)!) + 5!) \times F(7)$
$:= T(-T(1 + T(4)) + 5!) - T(7).$

1462 $:= 1 + F(F(F(4)!)) + 6! \times 2$
$:= (1 + T(4) + 6!) \times 2.$

1463 $:= -1 + 4! + 6! \times F(3)$
$:= -1 + 4! + 6! + T(3)!.$

1464 $:= (-1 + F(4)) \times 6! + 4!$
$:= (1 + T(4) \times 6) \times 4!.$

1470 $:= 1 \times F(F(F(4)!)) \times 70$
$:= T(T(-1 + 4)) \times 70.$

1483 $:= 1 + F(F(4)) \times (F(8) + 3!!)$
$:= -1 + T(T(T(4))) - 8!/T(3)!.$

1484 $:= (1 + F(4)!! + F(8)) \times F(F(4))$
$:= -1 + T(T(4 + 8) - 4!).$

1493 $:= (-1 + (F(F(4)!))!/9)/3$
$:= 1 + T(T(T(4))) - T(9) - 3.$

1536 $:= (1 + 5) \times F(3)^{F(6)}$
$:= T(1 + T(5)) \times T(3) + 6!.$

1560 $:= 1 \times 5! \times F(F(6) - 0!)$
$:= T(T(T(-1 + 5))) + T(6) - 0!.$

1572 $:= (1 + 5!) \times F(7) - F(2)$
$:= -(-1 + 5)! + T(T(7) \times 2).$

1637 $:= -1 + F(F(6)) \times 3! \times F(7)$
$:= -1 + (T(T(6)) + 3) \times 7.$

1664 $:= -16 + (F(6))!/4!$
$:= -T(16) + 6 \times T(4!).$

1686 $:= F(16) - F(8) + 6!$
$:= (T(-1 + T(6))) \times 8 + 6.$

1734 $:= 17^{F(3)} \times F(4)!$
$:= -1 + 7!/3 + T(T(4)).$

1745 $:= 1 + F(F(7)) \times F(F(4)!) - 5!$
$:= T(1 + T(7)) \times 4 + 5.$

1823 $:= -1 + (F(F(8)) - 2)/3!$
$:= -1 + 8 \times (-T(2) + T(T(T(3)))).$

1920 $:= (-1 + 9)!/F(F((2 + 0!)!))$
$:= (-1 + 9)!/T(T(T(2 + 0))).$

2016 $:= F((2 + 0!)!)!/(-1 + F(F(6)))$
$:= T(T(2) \times T(0 \times 1 + 6)).$

2048 $:= 2^{F(04)+8}$
$:= (T(2) + 0!)^4 \times 8.$

2097 $:= (2 \times 0 + 9) \times F(F(7))$
$:= T(T(2))! - 0! + T(T(9) + 7).$

2136 $:= (2+1)\times(3!!-F(6))$
$:= T(2)\times(-1+T(3)!)-T(6).$

2145 $:= (2+1)\times(F(4)!!-5)$
$:= T((T(2)+T(1\times 4))\times 5).$

2147 $:= (2+1)!!\times F(4)-F(7)$
$:= 2+T(-1+T(4+7)).$

2154 $:= (-2+(1+5)!)\times F(4)$
$:= T(T(2))\times(-1+T(5)\times 4!).$

2184 $:= ((2+1)!!+8)\times F(4)$
$:= T(21-8)\times 4!.$

2208 $:= F((2+2)!)/F(08)$
$:= T(T(2)+20)\times 8.$

2214 $:= (F(22)+1)/F(F(4)!)$
$:= T(2)+T(T(2-1+T(4))).$

2274 $:= (2+F(2\times 7))\times F(4)!$
$:= T(T(2))\times(-T(2)+T(T(7))-4!).$

2310 $:= 2\times F(F(3!))\times F(10)$
$:= 2\times T(T(3))\times T(10).$

2312 $:= 2\times F(F(3!)+1)^2$
$:= 2+T(T(T(3)))\times T(1+T(2)).$

2317 $:= (2\times 3)!+F(17)$
$:= T(T(T(T(2))))\times T(3+1)+7.$

2330 $:= (2+F(3!))\times F(F(3!+0!))$
$:= (2+T(T(T(3))))\times T(3+0!).$

2373 $:= ((2+3)!-7)\times F(F(3!))$
$:= ((2+3)!-7)\times T(T(3)).$

2375 $:= 2+F(F(3!))\times(-7+5!)$
$:= 2-T(T(3))\times(7-5!).$

2376 $:= (2^{3!}+F(F(7)))\times F(6)$
$:= (-T(-2+T(3))+T(T(7)))\times 6.$

2439 $:= -F(2)+4\times F(3!+9)$
$:= T(T(2)\times 4!)-T(T(3))\times 9.$

2444 $:= (F(2)+F(F(F(F(4)!))-F(4)!))\times 4$
$:= (T(T(2\times 4))-T(T(4)))\times 4.$

2448 $:= F(2\times F(4)!)\times(-4+F(8))$
$:= (T(2)\times 4!-4)\times T(8).$

2449 $:= F(2)+4!\times F(4)\times F(9)$
$:= -2-4!+T(T(4))\times T(9).$

2464 $:= -(F(2)+4)!+F(-6+4!)$
$:= T(-2+4!)+T(T(T(6)-T(4))).$

2465 $:= F(2)+F(4!-6)-5!$
$:= (-T(2)+T(T(4)+T(6)))\times 5.$

2474 $:= 2\times F(4!-7)-F(4)!!$
$:= T(T(2))!\times 4-T(7\times 4).$

2519 $:= -F(2)+5!\times F(-1+9)$
$:= T(T(2))!\times 5-T(1+T(9)).$

2540 $:= (F(2)+5!)\times F(F(F(4)!))-0!$
$:= T(T(T(T(2))))\times(T(5)-4)-0!.$

2541 $:= (F(2)+5!)\times F(F((4-1)!))$
$:= T(T(T(2)))\times(5\times 4!+1).$

2542 $:= (F(2)+5!)\times F(F(F(4)!))+F(2)$
$:= T(T(T(2)))\times 5!+4!-2.$

2544 $:= (2+5)!/F(F(4))+4!$
$:= (T(T(2+5))-T(4!))\times 4!.$

2545 $:= 25+F(F(F(4)!))\times 5!$
$:= 2\times T(5\times T(4))-5.$

2561 $:= (2+5!)\times F(F(6))-1$
$:= (2+5!)\times T(6)-1.$

2562 $:= (2+5!)\times F(6+2)$
$:= (2+5!)\times T(T(6/2)).$

2583 $:= -F(2)+F((-5+8)\times 3!)$
$:= (T(2)+5!)\times T(T(8)/T(3)).$

2634 $:= 2\times(F(F(6))+3!^4)$
$:= 2\times(T(6)+T(3)^4).$

2638 $:= -2+6!+F(3!)!/F(8)$
$:= T(T(2))\times T(6)\times T(T(3))-8.$

2640 $:= (F(2)+F(F(6)))\times(4+0!)!$
$:= T(T(T(2)))\times T(T(6))-T(T(T(4)+0!)).$

2644 $:= -2+F(F(6))^{F(F(4))}\times F(4)!$
$:= T(T(2))+T(6!/T(4))+T(4).$

2735 $:= -F(2)-7!+3!^5$
$:= T(T(2))!+(T(T(7))-3)\times 5.$

2747 $:= -2^{F(7)} + F(F(F(F(4)!))) - 7$
$:= T(T(2) \times T(7) - T(4)) - T(7).$

2748 $:= -2^{F(7)} - F(4)! + F(F(8))$
$:= 2 \times T(T(7) + 4!) - 8.$

2753 $:= F(F(2) \times F(7)) + 5! \times F(F(3!))$
$:= T(2) + T(T(7)) \times 5 + T(3)!.$

2795 $:= (-F(2) + 7!/9) \times 5$
$:= T(T(2))! + (T(T(7)) + 9) \times 5.$

2844 $:= (-F(2) - 8 + F(4)!!) \times 4$
$:= T(T(2))! + T(8) \times (4 + T(T(4))).$

2846 $:= -F(F(2) + 8) + 4 \times 6!$
$:= 2 - T(8) + 4 \times 6!.$

2856 $:= (2^8 - 5!) \times F(F(6))$
$:= (2^8 - 5!) \times T(6).$

2878 $:= -2 + 8!/(-7 + F(8))$
$:= T(28) \times 7 + T(8).$

2946 $:= (2^9 - F(F(F(4)!))) \times 6$
$:= T(2 + 9) + 4 \times 6!.$

2964 $:= (F(-F(2) + 9) + 6!) \times 4$
$:= T(T(2)) \times (9!/6! - T(4)).$

3024 $:= F(F(3!)) \times F((0! + 2) \times 4)$
$:= T(T(3)) \times T(T(02)) \times 4!.$

3045 $:= F(F(3!)) \times (0! + 4! + 5!)$
$:= T(T(3)) \times (0! + 4! + 5!).$

3150 $:= F(F(3!)) \times 150$
$:= T(T(3)) \times 150.$

3159 $:= (3! - 1)^5 + F(9)$
$:= T(31 - 5) \times 9.$

3165 $:= (-T(T(3)) + 1 + T(T(6))) \times T(5)$
$:= F(F(F(3!)) - 1) - 6! \times 5.$

3240 $:= 3!!/2 \times (F(F(4)!) + 0!)$
$:= T(T(3)/T(2) \times 40).$

3249 $:= (3!! + 2)/F(F(4)) \times 9$
$:= 3 \times (T(2) + 4! \times T(9)).$

3264 $:= (F(3! \times 2) - F(6)) \times 4!$
$:= (T(3) - 2)! \times T(6 + T(4)).$

3276 $:= 3! \times 2 \times F(7) \times F(F(6))$
$:= T(3)^2 \times T(7 + 6).$

3303 $:= F(3 \times 3!) - 0! + 3!!$
$:= T(T(T(T(3)))/3) + T((0! + 3)!).$

3304 $:= 3!! + F(3! \times F(04))$
$:= T(T(T(T(3)))/3) + 0! + T(4!).$

3312 $:= (F(3) + F(F(3!))) \times F(12)$
$:= T(T(3 + 3)) + T(T(12)).$

3325 $:= (3!! - F(F(3!) + 2)) \times 5$
$:= (T(3)! - T(T(T(3) - 2))) \times 5.$

3333 $:= 3! \times 3!! - F(F(3) \times F(3!))$
$:= T(T(T(3))) + (T(T(3))) + T(T(T(3) + T(3))).$

3339 $:= (-3! + F(3! + F(3!))) \times 9$
$:= 3^{T(3)} \times T(3) - T(T(9)).$

3344 $:= F(3) \times (F(3!)!/4! - F(F(4)!))$
$:= T(3)! + T(3 \times 4!) - 4.$

3357 $:= (3!! - F(3)) \times 5 - F(F(7))$
$:= -3 + T(3 \times 5) \times T(7).$

3360 $:= (F(3!))!/(F(3) \times 6) + 0$
$:= T(3)!/T(3) \times T(6 + 0!).$

3374 $:= -F(F(3)) + (F(3) + F(7))^{F(4)}$
$:= 3 \times (T(3)! + T(T(7))) - 4.$

3375 $:= 3 \times (-F(3!) + F(F(7))) \times 5$
$:= T(3 \times 3) \times 75.$

3376 $:= F(3!)^{-3+7} - 6!$
$:= -T(3)! + (-3 + 7)^6.$

3384 $:= F(3!) - 3!! + 8^4$
$:= (T(T(3)) + (-3 + 8)!) \times 4!.$

3396 $:= 3! \times (3!! - F(9)) - 6!$
$:= T(3^3) \times 9 - 6.$

3429 $:= (F(F(3!)) + F(4)!!/2) \times 9$
$:= (3 + T(4! + T(2))) \times 9.$

3435 $:= -F(F(3!)) + 4! \times 3!!/5$
$:= T(3^4) - T(3) + 5!.$

3437 $:= -3!! - 4! + F(3! + F(7))$
$:= T(T(3)) \times T(T(4)) \times 3 - T(7).$

$$\begin{aligned}\mathbf{3448} &:= F(3\times 4)\times 4! - 8\\ &:= T(3)\times 4!\times 4! - 8.\end{aligned}$$

$$\begin{aligned}\mathbf{3451} &:= (F(F(3!)) + F(F(4)!))\times(5! - 1)\\ &:= T(T(T(3))\times 4) - 5! + 1.\end{aligned}$$

$$\begin{aligned}\mathbf{3452} &:= -F(F(F(3!))) - F(F(4)) + 5!^2\\ &:= T(T(T(3))\times 4) - 5! + 2.\end{aligned}$$

$$\begin{aligned}\mathbf{3454} &:= -F(3) + (4! + 5!)\times 4!\\ &:= T(T(T(3))\times 4) - 5! + 4.\end{aligned}$$

$$\begin{aligned}\mathbf{3456} &:= 3\times(4! + 5!)\times F(6)\\ &:= T(3)\times(-4! + 5!)\times 6.\end{aligned}$$

$$\begin{aligned}\mathbf{3457} &:= F(F(3)) + 4!\times F(5+7)\\ &:= T(T(T(3))\times 4) - 5! + 7.\end{aligned}$$

$$\begin{aligned}\mathbf{3463} &:= -3!! + F(F(4)) + F(F(F(6)) - F(3))\\ &:= T(T(3 + T(4))) - 6! - 3.\end{aligned}$$

$$\begin{aligned}\mathbf{3464} &:= F(3!) + 4!\times 6\times 4!\\ &:= T(T(T(3)))\times 4! - T(64).\end{aligned}$$

$$\begin{aligned}\mathbf{3466} &:= F(3) + 4\times F(F(F(6))) - F(6)!\\ &:= T(T(3+4+6)) - 6!.\end{aligned}$$

$$\begin{aligned}\mathbf{3474} &:= -3!! + F(4)\times F(F(7))\times F(4)!\\ &:= T(3^4) + T(-7 + 4!).\end{aligned}$$

$$\begin{aligned}\mathbf{3483} &:= 3\times(F(4)!! + F(8)^{F(3)})\\ &:= T(T(3)) - 4! + T(83).\end{aligned}$$

$$\begin{aligned}\mathbf{3486} &:= F(3!)^4 - F(F(8) - 6)\\ &:= T(3^4 + 8 - 6).\end{aligned}$$

$$\begin{aligned}\mathbf{3487} &:= -F(3!) - (F(4)! - F(8))\times F(F(7))\\ &:= T(-3\times(T(4) - T(8))) + T(T(7)).\end{aligned}$$

$$\begin{aligned}\mathbf{3492} &:= 3\times(F(F(4)!) + F(9)^2)\\ &:= T(3^4) + T(9\times 2).\end{aligned}$$

$$\begin{aligned}\mathbf{3497} &:= F(3) + (4! - 9)\times F(F(7))\\ &:= -3 - T(T(4) + T(9)) + 7!.\end{aligned}$$

$$\begin{aligned}\mathbf{3498} &:= F(F(F(3!)))\times 4 + F(9) - 8!\\ &:= T(T(T(3)) - T(4))\times(T(9) + 8).\end{aligned}$$

$$\begin{aligned}\mathbf{3525} &:= (F(F(3!)) + 5!)\times 25\\ &:= (T(T(3)) + 5!)\times 25.\end{aligned}$$

$$\begin{aligned}\mathbf{3534} &:= (F(3\times 5) - F(F(3!)))\times F(4)!\\ &:= (-T(3) + 5!)\times(T(T(3)) + T(4)).\end{aligned}$$

$$\begin{aligned}\mathbf{3544} &:= F(3!)\times 5! + F(F(4)\times F(4)!)\\ &:= T(T(T(3)))\times T(5) + T(T(4)) + 4!.\end{aligned}$$

$$\begin{aligned}\mathbf{3545} &:= (3!! - 5 - F(4)!)\times 5\\ &:= (T(3)! - T(5) + 4)\times 5.\end{aligned}$$

$$\begin{aligned}\mathbf{3549} &:= F(F(3!))\times(5! + 49)\\ &:= T(T(3))\times(5! + 49).\end{aligned}$$

$$\begin{aligned}\mathbf{3567} &:= F(3) + 5\times(6! - 7)\\ &:= -3 + T(56 + T(7)).\end{aligned}$$

$$\begin{aligned}\mathbf{3568} &:= F(3!) + 5\times(6! - 8)\\ &:= (T(T(3)) - 5)\times(T(T(6)) - 8).\end{aligned}$$

$$\begin{aligned}\mathbf{3573} &:= 3 + T(T(5+7) + T(3))\\ &:= F(3!) + 5\times(-7 + 3!!).\end{aligned}$$

$$\begin{aligned}\mathbf{3594} &:= -3! + 5!\times(F(9) - 4)\\ &:= T(T(3)\times(5+9)) + 4!.\end{aligned}$$

$$\begin{aligned}\mathbf{3597} &:= 3!!\times 5 - F(-9 + F(7))\\ &:= T(3)!\times 5 - T(9-7).\end{aligned}$$

$$\begin{aligned}\mathbf{3602} &:= F(3) + 60^2\\ &:= T(3)!\times(6 - 0!) + 2.\end{aligned}$$

$$\begin{aligned}\mathbf{3603} &:= 3 + 60^{F(3)}\\ &:= 3 - 6!\times(0! - T(3)).\end{aligned}$$

$$\begin{aligned}\mathbf{3605} &:= (F(3) + 6! - 0!)\times 5\\ &:= (T(3)! + (6\times 0)!)\times 5.\end{aligned}$$

$$\begin{aligned}\mathbf{3624} &:= 3!!\times(6 - F(2)) + 4!\\ &:= (3 + T(T(6)\times 2))\times 4.\end{aligned}$$

$$\begin{aligned}\mathbf{3627} &:= (3!! - (F(F(6)))^2)\times F(7)\\ &:= T(3)! + 6! + T(2)^7.\end{aligned}$$

$$\begin{aligned}\mathbf{3635} &:= (3^6 - F(3))\times 5\\ &:= (T(3)! + T(6)/3)\times 5.\end{aligned}$$

$$\begin{aligned}\mathbf{3643} &:= (-F(3!) + F(F(F(6))))/F(4) - 3\\ &:= -3 + 6! + T(T(T(4)) + T(T(3))).\end{aligned}$$

$$\begin{aligned}\mathbf{3646} &:= (-F(3!) + F(F(F(6))))/(4!/F(6))\\ &:= T(3)! + T(T(6) + T(4+6)).\end{aligned}$$

$$\begin{aligned}\mathbf{3647} &:= 3!\times F(F(F(6)) - F(4)!) - F(7)\\ &:= 3\times T(-6 + T(T(4))) - T(7).\end{aligned}$$

$$\begin{aligned}\mathbf{3648} &:= (-F(3) + F(F(6)))\times 4!\times 8\\ &:= (-3 + T(T(6)))\times(4! - 8).\end{aligned}$$

3658 $:= -F(3) + 6 \times F(5!/8)$
$:= 3 + T(-6 + T(5 + 8))$.

3672 $:= 3! \times (F(F(6) + 7)) + 2$
$:= 3 \times T(T(6) + T(7)) - T(2)$.

3675 $:= (F(3) + 6! + F(7)) \times 5$
$:= 3 \times T(6 + T(7) + T(5))$.

3705 $:= (3!! + F(7 + 0!)) \times 5$
$:= T(37 + 0!) \times 5$.

3720 $:= F(3!) \times (F(F(7)) \times 2 - 0!)$
$:= (3 + T(7)) \times (T(T(2)) - 0!)!$.

3732 $:= (F(3!) \times F(F(7)) + F(3)) \times 2$
$:= T(3) \times (T(T(7)) + T(3)^{T(2)})$.

3734 $:= (F(3!) \times F(F(7)) + 3) \times F(F(4))$
$:= T(T(T(3))) + 7! + 3 - T(T(T(4)))$.

3744 $:= 3 \times F(7) \times 4 \times 4!$
$:= 3 \times (T(7) + 4!) \times 4!$.

3746 $:= 3!! \times (-7 - F(4)) + F(F(F(6)))$
$:= T(3 \times T(7)) - T(T(4)) + T(T(6))$.

3835 $:= F(3!)!/F(8) \times F(3) - 5$
$:= T(T(T(T(3)) - 8)) - T(T(T(3)) + 5)$.

3842 $:= (F(3!))!/F(8) \times F(F(4)) + 2$
$:= T(T(3)!/8) - T(4! - 2)$.

3844 $:= F(3!)!/F(8) \times F(F(4)) + 4$
$:= T(3)! - T(8) + T(T(T(4)) + 4!)$.

3856 $:= F(3)^8 + 5 \times 6!$
$:= -T(T(T(3))) - 8 + T(T(5) \times 6)$.

3882 $:= (F(F(3!)) + 8!/F(8)) \times 2$
$:= 3 \times (T(8) \times T(8) - 2)$.

3927 $:= (F(3!) + 9) \times (-2 + F(F(7)))$
$:= T(3 \times (9 + 2)) \times 7$.

3945 $:= F(F(3)) + F(9) \times (-4 + 5!)$
$:= (T(3)! + T(9) + 4!) \times 5$.

3954 $:= 3! \times (F(9) + 5^4)$
$:= -T(3) + (T(9) + 5!) \times 4!$.

3960 $:= -(F(F(3)) - F(9)) \times (6 - 0!)!$
$:= ((T(T(3)) + T(9)) \times 60)$.

3961 $:= (F(3!) + 9) \times F(F(6 + 1))$
$:= T(T(3)!/9) + 6! + 1$.

3967 $:= 3! + (9 + F(6)) \times F(F(7))$
$:= T(T(3)!/9) + 6! + 7$.

3968 $:= F(3!) \times (9!/6! - 8)$
$:= T(T(3)!/9) + 6! + 8$.

4032 $:= F(F(4)!)!/(0! + 3^2)$
$:= 4! \times T(0! + T(3)) \times T(T(2))$.

4059 $:= -F(F(F(4)!)) \times 0! + 5! \times F(9)$
$:= (T(4) - 0!)!/5! + T(T(9))$.

4094 $:= -F(F(4)) + (0! - 9)^4$
$:= -(4 \times 0)! + T(9 \times T(4))$.

4147 $:= -F(F(F(4)!) + 1) + F(F(4)! + F(7))$
$:= 4 \times T(T(-1 + T(4))) + 7$.

4173 $:= -T(41) + 7! - T(3)$
$:= F((4 - 1)! + F(7)) - F(3!)$.

4175 $:= -F(4)! + F(1 + F(7) + 5)$
$:= -T(4) - 1 + T(T(T(7) - T(5)))$.

4190 $:= F(F(4)!) + F(19) + 0!$
$:= 4 + T(1 + 90)$.

4196 $:= -F(4)! + F(19) + F(F(6))$
$:= T(4) + T(T(19 - 6))$.

4200 $:= F(F(F(4)!)) \times 200$
$:= T(4!) \times (T(T(T(2)) - 0!) - 0!)$.

4223 $:= 42 + F(-2 + F(F(3!)))$
$:= -T(T(4)) + T(T(2 + T(T(T(2))))/3)$.

4224 $:= F(F(4)!) \times 22 \times 4!$
$:= T(42) + T(T(2)^4)$.

4232 $:= T(T(4)) \times T(T(T(T(2))))/3 - T(2)$
$:= F(F(4)!) \times 23^2$.

4236 $:= F(F(F(4)!) + 2) + F(-F(3) + F(F(6)))$
$:= -T(4!) + T(T(2))^3 \times T(6)$.

4237 $:= F(F(F(F(4)!)) - 2) + F(3!) \times 7$
$:= -T(T(4)) + T(T(2)) \times T(3)! - T(7)$.

4239 $:= 4! + F(-2 + F(F(3!))) + F(9)$
$:= (T(4!) + T(T(2) \times T(3))) \times 9$.

4244 $:= F(F(F(F(4)!)) - 2) + F(4) \times F(F(F(4)!))$
$:= (T(4) + T(T(T(T(2))))) \times 4! - T(T(T(4)))$.

4245 $:= (F(F(4)!))^2 + F(4! - 5)$
$:= -T(4!) + (T(2) + T(4!)) \times T(5)$.

4266 $:= (-F(4)^2 + 6!) \times 6$
$:= (4! - T(T(2))) \times (6 + T(T(6)))$.

4272 $:= 4! \times 2 \times F(F(7) - 2)$
$:= (T(4!) + T(T(2)) + T(T(7))) \times T(T(2))$.

4284 $:= F(F(4)^2) \times F(8) \times F(4)!$
$:= T(4!) \times T(T(T(2))) - T(8 + T(T(4)))$.

4293 $:= (F(4)!! \times 2 - 9) \times 3$
$:= T(4! + 29) \times 3$.

4302 $:= (-F(4) + 3!!) \times (0! + 2)!$
$:= (-4 + T(3)! + 0!) \times T(T(2))$.

4306 $:= F(4)! \times (3!! - 0!) - F(6)$
$:= T(T(T(4) + 3)) + (-0! + 6)!$.

4310 $:= F(4)! \times 3!! - 10$
$:= -T(4) + T(3)! \times T(T(1 + 0!))$.

4314 $:= F(4)! \times 3!! - 1 \times F(4)!$
$:= 4! \times (T(3)! - 1)/4$.

4320 $:= F(4)! \times 3!! + F(2) \times 0$
$:= 4! \times T(3)!/(T(2) + 0!)$.

4321 $:= F(4)! \times 3!! + F(2) \times 1$
$:= T(T(-4 + T(3))) \times T(T(2))! + 1$.

4322 $:= F(4)! \times 3!! + F(2) \times 2$
$:= 4 + T(3)! \times T(T(2)) - 2$.

4323 $:= F(4)! \times 3!! + F(2) \times 3$
$:= (4 + T(3)!) \times T(T(2)) - T(T(3))$.

4324 $:= F(4)! \times 3!! + F(2) \times 4$
$:= 4 + T(3) \times (2 + 4)!$.

4325 $:= F(4)! \times 3!! + F(2) \times 5$
$:= T(4) + T(3)! \times T(T(2)) - 5$.

4326 $:= F(4)! \times 3!! + F(2) \times 6$
$:= 4! - T(3) \times (T(2) - 6!)$.

4327 $:= F(4)! \times 3!! + F(2) \times 7$
$:= 4^{T(3)} + T(T(2) \times 7)$.

4328 $:= F(4)! \times 3!! + F(2) \times 8$
$:= T(T(-4 + T(3))) \times T(T(2))! + 8$.

4329 $:= F(4)! \times 3!! + F(2) \times 9$
$:= T(T(-4 + T(3))) \times T(T(2))! + 9$.

4331 $:= (F(F(4)) + 3!!) \times 3! - 1$
$:= T(4) + T(3) \times T(3)! + 1$.

4332 $:= F(4)! \times (F(3) + (3 \times 2)!)$
$:= T(4) + T(3) \times T(3)! + 2$.

4333 $:= (F(F(4)) + 3!!) \times 3! + F(F(3))$
$:= T(4) + T(3) \times T(3)! + 3$.

4334 $:= (F(F(4)) + 3!!) \times 3! + F(F(4))$
$:= T(4) + T(3) \times T(3)! + 4$.

4335 $:= F(4)! \times 3!! + 3 \times 5$
$:= T(4) + T(3) \times T(3)! + 5$.

4336 $:= 4^{F(3)} + 3! \times 6!$
$:= T(4) + T(3) \times T(3)! + 6$.

4337 $:= (4 + 3)! - T(37)$
$:= 4^{3!} + F(3!) + F(F(7))$.

4338 $:= (F(4) + 3!!) \times (-F(3) + 8)$
$:= T(4) + T(3)! \times T(3) + 8$.

4343 $:= (4 + 3!!) \times F(4)! - F(F(3))$
$:= -4 + (T(T(T(3))) - 4!) \times T(T(3))$.

4347 $:= -4! + T(3 \times (4! + 7))$
$:= F(4) \times 3!! + F(4)^7$.

4348 $:= (F(4)! + 3!!) \times F(4)! - 8$
$:= 4 \times (T(3) + T(T(4) + T(8)))$.

4350 $:= F(4)! \times (3!! + 5) + 0$
$:= T(4) \times T(T(3) \times 5 - 0!)$.

4356 $:= F(4)! \times (3!! + 5) + 6$
$:= -T(4!) + T(T(3) \times T(5) + 6)$.

4357 $:= F(4)! \times (3!! + 5) + 7$
$:= T(4! - T(3)) + T(T(-T(5) + T(7)))$.

4362 $:= F(4)! \times (3^6 - 2)$
$:= 4! + T(3) \times (6! + T(2))$.

4365 $:= F(4)!! + 3^6 \times 5$
$:= (T(4!) - 3 - 6) \times T(5)$.

4366 $:= F(4)^{3!} \times 6 - F(6)$
$:= T(4) + (T(3) + 6!) \times 6.$

4374 $:= F(4)^{3!} \times (7-4)!$
$:= -T(T(4!/3)) + (T(7)/4)!.$

4378 $:= -F(4)^{F(3!)} - 7 + F(F(8))$
$:= 4!/T(3) + 7! - T(T(8)).$

4379 $:= -4 + (3!! - F(F(7))) \times 9$
$:= -T(4) + T(T(T(3))) \times (T(7) - 9).$

4383 $:= F(4)! \times 3!! + F(8) \times 3$
$:= (-4! + T(T(3)! - T(T(8)))) \times 3.$

4384 $:= F(4)! \times 3!! + 8^{F(F(4))}$
$:= (4+3)! - T(T(8)) + T(4).$

4385 $:= -F(4)^{F(3!)} + F(F(F((8-5)!)))$
$:= T(4) + T(3)! + T(85).$

4395 $:= (-F(4)!! + F(3!)!)/9 - 5$
$:= T(4!) + T((-3+9) \times T(5)).$

4399 $:= (-F(4)!! + F(3!)! - 9)/9$
$:= (T(T(4)) \times T(3)! - 9)/9.$

4410 $:= F(F(F(4)!))^{F(F(4))} \times 10$
$:= T(4! - 4) \times T(T(T(1+0!))).$

4416 $:= 4! \times (4! - 1) \times F(6)$
$:= (-4! + T(4!)) \times 16.$

4424 $:= F(4!)/F(F(F(4)!)) \times 2 + F(F(4)!)$
$:= 4 + 4 \times T(T(2))! + T(T(T(4))).$

4428 $:= (F(4!) - F(F(F(F(4)!))) + 2)/8$
$:= T(T(T(4))) + 4 \times T(T(2))! + 8.$

4432 $:= (F(F(4)!) + F(4!)/F(F(3!))) \times 2$
$:= T(T(T(4))) + 4 \times (T(3)! + T(2)).$

4434 $:= (F(4)!! - F(F(4)) + F(F(3!))) \times F(4)!$
$:= T(4! - 4) \times T(T(3)) + 4!.$

4440 $:= F(4)! \times F(4)!! + (4+0!)!$
$:= (T(4!) - 4) \times T(4+0!).$

4443 $:= (4! + F(4)!!) \times F(4)! - F(F(3!))$
$:= (T(T(T(4))) - 4 - T(T(4))) \times 3.$

4446 $:= F(4)! \times (F(4+4) + 6!)$
$:= T(4! \times 4) - T(4) \times T(6).$

4448 $:= F(F(4)) + F(4)! \times (F(4)!! + F(8))$
$:= (T(4!) + 4^4) \times 8.$

4459 $:= -F(F(F(4)!)) + (F(4)+5)!/9$
$:= 4 + T(4!) \times T(5) - T(9).$

4462 $:= F(4)! \times (4! + 6!) - 2$
$:= T(T(4) \times T(4) - 6) - T(2).$

4463 $:= F(4)! \times (4! + 6!) - F(F(3))$
$:= T(T(T(4))) + T(T(T(4)) + T(6)) - 3.$

4466 $:= F(F(4)) + (4! + 6!) \times 6$
$:= T(4! + 4) \times T(T(6))/T(6).$

4467 $:= F(4)! \times F(4)!! + F(F(6)) \times 7$
$:= T(T(4!)/4) + T(T(6)) \times 7.$

4469 $:= -F(4) - F(F(4)!) + F(6)!/9$
$:= 4 + T(T(T(4)) - 6 + T(9)).$

4473 $:= 4^{F(4)!} + F(7 \times F(3))$
$:= (4 \times T(T(4)) - 7) \times T(T(3)).$

4474 $:= -4! \times 4! + 7! + T(4)$
$:= F(F(4)!)!/(-4 + F(7)) - F(4)!.$

4475 $:= F(F(4)!)!/(-4 + F(7)) - 5$
$:= -T(4) \times T(T(4)) + 7! - T(5).$

4476 $:= F(4)! \times (F(F(4)) \times F(7) + 6!)$
$:= T(4!) - T(4) + T(T(7+6)).$

4483 $:= (F(F(4)!))!/(F(F(F(4))) + 8) + 3$
$:= T(4!) + T(T(T(4)) + T(8)) - 3.$

4485 $:= (F(F(4)!))!/(F(F(F(4))) + 8) + 5$
$:= (T(T(4!/4)) + T(T(8))) \times 5.$

4486 $:= (F(F(4)!))!/(F(F(F(4))) + 8) + 6$
$:= T(4!) + T(T(T(4) + T(8-6))).$

4496 $:= F(F(4)!) + (F(F(4)!))!/9 + F(6)$
$:= -4 + T(4!) \times (9+6).$

4498 $:= -F(4) + (F(F(4)!))!/9 + F(8)$
$:= T(4) + T(4! + 9) \times 8.$

4536 $:= F(4)! \times (5! + 3!) \times 6$
$:= T(4!) \times T(5) + 36.$

4560 $:= -4 \times 5! + (F(6) - 0!)!$
$:= T(4!) \times T(5) + 60.$

4563 $:= F(4)^5 + 6! \times 3!$
$:= T(4!) \times T(5) + 63.$

4567 $:= F(F(4)!) \times (-5! + 6!) - F(F(7))$
$:= T(4!) \times T(5) + 67.$

4569 $:= F(F(4)! + 5) + (F(6))!/9$
$:= T(4!) \times T(5) + 69.$

4574 $:= (F(F(4)) + 5)! - F(F(7)) \times F(F(4))$
$:= T(4!) \times T(5) + 74.$

4576 $:= 4 \times (5 \times F(F(7)) - F(F(6)))$
$:= T(4!) \times T(5) + 76.$

4578 $:= (-F(4) \times 5 + F(F(7))) \times F(8)$
$:= T(4!) \times T(5) + 78.$

4596 $:= (-F(4)! + 5!) \times F(9) + 6!$
$:= T(4!) \times T(5) + 96.$

4599 $:= F(F(F(4)!)) \times (5! + 99)$
$:= T(4!) \times T(5) + 99.$

4634 $:= (F(-4 + F(F(6))) + 3!!) \times F(F(4))$
$:= T(4)!/6! - T(T(3 + 4)).$

4636 $:= (F(4!) - F(6))/(F(3) + F(6))$
$:= T(T(4) + T(6 + T(3))) + 6!.$

4637 $:= -F(F(4))^{F(6)} + F(F(3!)) \times F(F(7))$
$:= T(4)!/6! + 3 - T(T(7)).$

4644 $:= (F(4)!! + (F(F(6)))^{F(F(4))}) \times 4$
$:= T(T(4)) \times T(6) \times 4 + 4!.$

4656 $:= F(4)! \times (6! + 56)$
$:= T(4 \times (6 \times 5 - 6)).$

4672 $:= -4! \times 6! + T(7)^{T(2)}$
$:= -F(F(4)!) + 6! \times F(7)/2.$

4674 $:= -F(4)! + 6! \times F(7)/F(F(4))$
$:= -T(-T(4) + T(6)) + 7! - T(4!).$

4687 $:= 4! - F(6 + 8) + 7!$
$:= 4 + T(6) + T(T(8)) \times 7.$

4688 $:= -4! + F(-6 + F(8)) \times 8$
$:= 4! \times (T(T(6)) - T(8)) + 8.$

4689 $:= F(4)!! + F(F(6)) \times F(8) \times 9$
$:= 4! \times (T(T(6)) - T(8)) + 9.$

4697 $:= (-4 + 6! - T(9)) \times 7$
$:= -F(F(4)! + F(6)) + F(9) + 7!.$

4704 $:= 4! \times (F(7) + 0!)^{F(F(4))}$
$:= T(47 + 0!) \times 4.$

4720 $:= (F(4) + F(F(7))) \times 20$
$:= -T(4!) + 7! - 20.$

4725 $:= (-F(F(4)!) + F(F(7))) \times F(F(F(2) + 5))$
$:= T(4) + 7! - T(25).$

4727 $:= -4! \times F(7) - F(2) + 7!$
$:= -T(4!) - 7 - T(T(2)) + 7!.$

4728 $:= -4! \times F(7) + (-F(2) + 8)!$
$:= T(4!) \times 7 + T(2 \times T(8)).$

4733 $:= F(F(4)!) + (F(F(7)) - F(3!)) \times F(F(3!))$
$:= -T(T(4)) + T(7) \times T(3 \times T(3)).$

4735 $:= (-F(4)! + F(F(7)) + 3!!) \times 5$
$:= T(T(4)) + 7! - 3 \times 5!.$

4736 $:= (-F(F(4))^7 + 3!!) \times F(6)$
$:= T(4) + T(T(7)) + T(3) \times 6!.$

4740 $:= (4 + F(F(7))) \times (F(F(F(4)!)) - 0!)$
$:= -T(4!) + 7! \times (4 \times 0)!.$

4743 $:= (-4! + F(F(7)) - F(4)!) \times F(F(3!))$
$:= 4! + 7! - T(4!) - T(T(3)).$

4744 $:= (F(4)!! + F(F(7)) \times F(F(4))) \times 4$
$:= 4 + (T(7)/4)! - T(4!).$

4745 $:= (F(4)!! + F(F(7)) - 4) \times 5$
$:= -T(4) + 7! - T(4!) + T(5).$

4749 $:= -4 + T(T(7) + 4!) + T(9)$
$:= F(F(F(4)!)) \times F(F(7)) - F(F(4) + 9).$

4753 $:= -F(4)!! + F(F(F(7) - 5))/F(3)$
$:= T(-4 \times 7 + 5^3).$

4763 $:= -4 + (F(F(7)) - 6) \times F(F(3!))$
$:= T(4) + T(T(7 + 6) + T(3)).$

4764 $:= (-F(4)! + F(F(7))) \times F(F(6)) - F(4)$
$:= 4! + 7! - T(6 \times 4).$

4773 $:= -F(F(4) + F(7)) + 7! + 3!!$
$:= T(4) \times T(T(7)) - 7 + T(3)!.$

4776 $:= 4! \times F(7) \times F(7) + 6!$
$:= -4! + 7! - 7!/T(6).$

4778 $:= -F(F(4)!) - F(F(7)) + 7! - F(8)$
$:= -T(4) + 7! - 7 \times T(8).$

4779 $:= F(4)! - F(F(7)) + 7! - F(9)$
$:= (T(4!) + T(-7 + T(7))) \times 9.$

4780 $:= (F(4)! + F(F(7))) \times (F(8) - 0!)$
$:= T(T(4)) \times T(7) + T(80).$

4783 $:= -4! - F(F(7)) + (F(8)/3)!$
$:= T(4) + 7! - T(8) - T(T(T(3))).$

4784 $:= F(4!) \times F(7)/(F(8) \times F(4)!)$
$:= T(T(4)) \times T(7) + T(80).$

4794 $:= 47 \times F(9) \times F(4)$
$:= (-T(4!) + T(T(7))) \times T(9) + 4!.$

4796 $:= -F(4)! + 7 \times (-F(9) + 6!)$
$:= -4 + 7! - 9 - T(T(6)).$

4797 $:= (-T(T(4)) + T(7)) \times 9 + 7!$
$:= -F(4)^7/9 + 7!.$

4800 $:= F(4)! \times 800$
$:= T(4!) \times 8 \times (0! + 0!).$

4827 $:= -4! + F(8) \times (-2 + F(F(7)))$
$:= -4! + T((8 + T(T(2))) \times 7).$

4837 $:= (F(4)!! - F(8) - F(3!)) \times 7$
$:= (4 + T(T(8)) + T(T(3))) \times 7.$

4848 $:= F(4)!! + (8! + F(4!))/F(8)$
$:= 4 \times (T(8) + T(48)).$

4857 $:= -F(4) \times F(8) - 5! + 7!$
$:= T(4!) + (T(T(8)) - T(5)) \times 7.$

4859 $:= F(F(F(4)!)) \times F(8 + 5) - F(9)$
$:= -T(T(4)) + (T(T(8)) - 5!) \times 9.$

4863 $:= -F(-F(4)! + F(8)) + F(F(F(6)))/F(3)$
$:= 4 + 8 + T(T(6)) \times T(T(3)).$

4870 $:= -4! + F(8) \times F(F(7)) + 0!$
$:= -T((T(4) + 8)) + 7! + 0!.$

4874 $:= -F(F(4)!) \times F(8) + 7! + F(F(4))$
$:= -T(T(T(4)) - T(8)) + 7! + 4!.$

4882 $:= F(-F(4)! + F(8)) \times 8 + 2$
$:= (-T(T(4)) + T(T(8))) \times 8 - T(T(2)).$

4884 $:= 4 + 8 \times F(F(8) - F(4)!)$
$:= (-T(T(4)) + T(T(8))) \times 8 - 4.$

4886 $:= F(-F(4)! + (F(8))) \times 8 + 6$
$:= -T(T(T(4))) + T(T(8)) + 8 \times 6!.$

4887 $:= F(-F(4)! + (F(8))) \times 8 + 7$
$:= -T(T(4! - 8)/8) + 7!.$

4888 $:= F(-F(4)! + (F(8))) \times 8 + 8$
$:= T(4! - 8) \times T(8) - 8.$

4904 $:= -4 \times F(9) + (0! + F(4)!)!$
$:= (T(49) + 0!) \times 4.$

4927 $:= -4! - F(9 + 2) + 7!$
$:= T(T(4)) + (9 + T(2)) \times T(T(7)).$

4937 $:= -F(4) \times F(9) - F(F(3)) + 7!$
$:= -T(4) - 93 + 7!.$

4944 $:= (F(4)! \times F(9) + F(F(4))) \times 4!$
$:= (4! \times 9 - T(4)) \times 4!.$

4947 $:= (F(4) - F(9)) \times F(4) + 7!$
$:= -4! - T(9) - 4! + 7!.$

4957 $:= F(4) + F(9) - 5! + 7!$
$:= T(4 + 95) + 7.$

4960 $:= -F(4)!!/9 + (F(6) - 0!)!$
$:= T(4) \times T(9 + T(6) + 0!).$

4967 $:= -F(F(F(4))) - 9 \times F(6) + 7!$
$:= -T(4) - (9 - 6!) \times 7.$

4968 $:= -F(F(4)!) \times 9 + (F(6))!/8$
$:= 4! \times (-9 + 6 \times T(8)).$

4970 $:= (-F(F(4)) + 9)! - 70$
$:= -4! - T(9) + 7! - 0!.$

4971 $:= -4! - T(9) + 7! \times 1$
$:= -F(F(4)) \times F(9) + 7! - 1.$

4973 $:= -F(F(4)) \times F(9) + 7! + F(F(3))$
$:= -T(T(4)) - 9 + 7! - 3.$

4974 $:= (4! \times F(9) + F(7)) \times F(4)!$
$:= 4! + T(9 \times (7 + 4)).$

4975 $:= F(-4! + F(9)) + 7! - 5!$
$:= T(4) + T(9) + 7! - 5!.$

4976 $:= -4! - F(9) + 7! - 6$
$:= -T(T(4)) - 9 + 7 \times 6!.$

4977 $:= -F(4) \times (F(9) - F(7)) + 7!$
$:= T(4) - T(9) + 7! - T(7).$

5027 $:= (5 + 02)! - F(7)$
$:= -T(5) + 02 + 7!.$

5032 $:= -F(5 + 0!) + (3! + F(2))!$
$:= -5 + (0! + T(3))! - T(2).$

5035 $:= -5 + (F(03) + 5)!$
$:= ((5 \times 0)! + T(3))! - 5.$

5045 $:= (5 - 0! + F(4))! + 5$
$:= 5 + (0! + T(T(T(4)/5)))!.$

5046 $:= (5 - 0! + F(4))! + 6$
$:= 5 + 0! + T(4)!/6!.$

5061 $:= F(F(5 + 0!)) + (6 + 1)!$
$:= T(5 + 0!) + (6 + 1)!.$

5066 $:= 5 + (0! + 6)! + F(F(6))$
$:= 5 + (0! + 6)! + T(6).$

5067 $:= 5 + 0! + F(F(6)) + 7!$
$:= 5 + 0! + T(6) + 7!.$

5079 $:= 5 + 07! + F(9)$
$:= -5 - 0! + 7! + T(9).$

5082 $:= (5! + 0!) \times (T(8) + T(T(2)))$
$:= (5! + 0!) \times F(8) \times 2.$

5272 $:= F(F(5 + 2)) + 7! - F(2)$
$:= (T(5) - 2) \times T(T(7)) - T(T(2)).$

5273 $:= (5 + 2)! + F(7 + 3!)$
$:= 5 - T(2) + 7! + T(T(T(3))).$

5334 $:= (F(F(5 + F(3))) + F(F(3!))) \times F(F(F(4)!))$
$:= -T(5!/T(3)) + T(T(T(3))) \times 4!.$

5337 $:= (5! - F(F(3!))) \times 3 + 7!$
$:= (5! - T(T(3))) \times 3 + 7!.$

5376 $:= (5! + F(3!)) \times 7 \times 6$
$:= T(5) \times T(T(3)) + 7! + T(6).$

5409 $:= (-5! + F(4)!! + 0!) \times 9$
$:= 5! \times T(T(4) - 0!) + 9.$

5433 $:= -5!/F(4) + F(F(F(3!)))/F(3)$
$:= 5! + (T(T(T(4))) + T(T(T(3)))) \times 3.$

5434 $:= (-5! + F(F(F(F(4)!)))/F(3) + F(F(F(4)!))$
$:= -5! + 4! \times T(T(T(3))) + T(4).$

5443 $:= (-5!/F(F(4)) + F(F(F(F(4)!)))/F(3)$
$:= -5 + 4! \times (-4 + T(T(T(3)))).$

5448 $:= 5! - F(4)!! + F(4!) - 8!$
$:= (T(5) + T(T(4 + 4))) \times 8.$

5472 $:= -5! + 4! \times F(F(7) \times F(2))$
$:= T(5 + 4!) + 7! - T(2).$

5473 $:= F(F(5 - 4 + 7))/F(3)$
$:= T(-T(5) + 4 \times T(7)) + T(3)!.$

5487 $:= (-5 + F(4)!!) \times 8 - F(F(7))$
$:= T(5) \times T(T(4)) + T(T(8)) \times 7.$

5488 $:= (5! + 4 \times F(F(8)))/8$
$:= (5 \times 4 + T(T(8))) \times 8.$

5535 $:= (5! + F(-5 + F(F(3!)))) \times 5$
$:= (5! \times 5 - T(T(T(3)))) \times T(5).$

5544 $:= (5! + 5! + 4!) \times F(F(F(4)!))$
$:= T(5 \times 5 - 4) \times 4!.$

5597 $:= 5 + (-5 + 9)! \times F(F(7))$
$:= (5! + 5) \times T(9) - T(7).$

5634 $:= -5! + (F(6) \times 3!! - F(4)!)$
$:= -T(T(5) + T(6)) + T(T(3)) \times T(4!).$

5640 $:= -5! + F(6) \times F(4)!! + 0$
$:= (5! + T(6)) \times 40.$

5643 $:= -5! + F(6) \times F(4)!! + 3$
$:= (5 + T(T(6))) \times 4! - T(T(3)).$

5646 $:= -5! + F(6) \times F(4)!! + 6$
$:= T(5! - T(6)) - 4! + 6!.$

5664 $:= -5! + F(6) \times 6! + 4!$
$:= (5 + T(T(6))) \times 6 \times 4.$

5697 $:= 5 \times 6! + 9 \times F(F(7))$
$:= T(T(5) + T(6)) - 9 + 7!.$

5733 $:= 5! + F(F(7)) \times F(F((3)!)) + 3!!$
$:= (-T(5) + T(7)) \times T(T(3)) \times T(T(3))$.

5736 $:= (-5 + F(7)) \times (-3 + 6!)$
$:= (T(5) - 7) \times (-3 + 6!)$.

5738 $:= 5 + F(7) \times F(F(3!)) \times F(8)$
$:= -T(5) - 7 + T(3)! \times 8$.

5747 $:= (-5 + F(7)) \times F(4)!! - F(7)$
$:= T(5) \times 7 \times T(T(4)) - T(7)$.

5748 $:= -5 - 7 + F(4)!! \times 8$
$:= T(57) + T(T(4)!/8!)$.

5773 $:= -5! - F(7) - 7! + F(F(F(3!)))$
$:= -T(5) + 7! + T(7) + T(3)!$.

5783 $:= -5! - 7! + F(F(8)) - 3$
$:= T(5) + 7! + 8 + T(3)!$.

5784 $:= -5! + 7! + T(8) \times 4!$
$:= -5! - 7! + F(F(8)) - F(F(4))$.

5894 $:= -5! - 8! - F(9) + F(4!)$
$:= (-5 + T(T(8))) \times 9 - T(T(4))$.

6027 $:= F(F(6) \times 02) + 7!$
$:= T(T(6) - 0! + T(T(T(2)))) \times 7$.

6048 $:= F(6 \times 04) - 8!$
$:= (6 + 0!) \times 4! \times T(8)$.

6174 $:= F(F(6)) \times (1 + F(7)) \times F(F(F(4)!))$
$:= T(6) \times (1 - 7 + T(4!))$.

6237 $:= F(F(6)) \times (2^{3!} + F(F(7)))$
$:= T(T(6)) \times (2 - 3 + T(7))$.

6264 $:= (F(6) + F(2)) \times (6! - 4!)$
$:= (6!/T(2) + T(6)) \times 4!$.

6324 $:= -F(F(6))^{F(3)} + F(-F(2) + F(F(F(4)!)))$
$:= T(T(T(6))/3) + T(T(2)^4)$.

6336 $:= 6^{3!} - (F(3) + 6)!$
$:= T(63) + T(3) \times 6!$.

6384 $:= F(F(6)) \times 38 \times F(F(4)!)$
$:= T(6) \times (T(3 \times 8) + 4)$.

6426 $:= (6! - F(4)!) \times (F(2) + F(6))$
$:= T(T(6) - 4) \times 2 \times T(6)$.

6432 $:= (6! + 4!!/(F(F(3!)))!)/2$
$:= (6 + T(4!)) \times T(T(3)) + T(T(2))$.

6435 $:= F(6 + 4) \times (-3 + 5!)$
$:= T(6 + 4) \times (-3 + 5!)$.

6444 $:= (6! - 4) \times F(4) \times F(4)$
$:= T(T(6)) \times (4! + 4) - 4!$.

6447 $:= (F(6))!/F(4)! - F(F(F(4)!)) \times F(7)$
$:= T(T(6)) + T(4! + 4!) + 7!$.

6459 $:= -F(F(6)) + F(4)! \times 5! \times 9$
$:= -T(6) + (4! + 5!) \times T(9)$.

6469 $:= -F(6) - F(4) + 6! \times 9$
$:= -T(6) + T(4) + 6! \times 9$.

6472 $:= F(6) \times (F(4)!! + F(F(7) - 2))$
$:= -6 + T(4) + T(7) \times T(T(T(T(2))))$.

6473 $:= F(6) \times F(4)!! - 7 + 3!!$
$:= 6! \times T(4) - 7 - T(3)!$.

6490 $:= (6! + F(F(F(4)))) \times 9 + 0!$
$:= T(6) \times (T(4!) + 9) + 0!$.

6496 $:= -F(6) + 4! + 9 \times 6!$
$:= 6 + T(4) + 9 \times 6!$.

6497 $:= (6! - 4!) \times 9 + F(F(7))$
$:= 6! \times T(4) - T(9 + T(7))$.

6498 $:= (6! + F(F(4))) \times 9!/8!$
$:= T(6) \times 4! + 9 \times T(T(8))$.

6594 $:= -6 + 5! \times F(F(9) - 4!)$
$:= -6 + 5! \times (T(9) + T(4))$.

6624 $:= -6! \times 6 - 2 + F(F(F(F(4)!)))$
$:= T(T(6) + 6/T(2)) \times 4!$.

6644 $:= F(F(F(6))) + (-6! + F(4)) \times F(4)!$
$:= -6 + (6! - T(T(4))) \times T(4)$.

6648 $:= 6! + (F(F(6)) + F(4)!!) \times 8$
$:= -6 - 6 + T(4) \times T(T(8))$.

6660 $:= (F(6))!/6 - 60$
$:= 6 \times (-6! + T(60))$.

6744 $:= (6 + 7!/F(4)) \times 4$
$:= T(T(6)) \times T(7) + T(4!) - 4!$.

6834 $:= (6! + 8!)/3! - F(4)!$
$:= -6 + (-T(8) + T(3)!) \times T(4).$

6867 $:= (-6 + F(8 + F(6))) \times 7$
$:= T(T(6)) \times 8 - T(6) + 7!.$

6930 $:= 6 \times (F(9)^{F(3)} - 0!)$
$:= 6 \times T(T(9)) + T(3 + 0)!.$

7203 $:= 7^{2+0!} \times F(F(3!))$
$:= 7^{T(2)+0!} \times 3.$

7227 $:= 7! + F(2 + 2)^7$
$:= 7! + (T(T(2))/2)^7.$

7237 $:= (F(7) \times F(2))^3 + 7!$
$:= (7 + T(T(2)))^3 + 7!.$

7246 $:= 7! - 2 + F(4!)/F(F(6))$
$:= (7! - T(T(2))! + T(T(T(4)) + T(6))).$

7344 $:= -T(T(7)) + (T(3)! + T(T(4))) \times T(4)$
$:= 7! + (F(3) \times 4!)^{F(F(4))}.$

7353 $:= 7 + F(F(F(3!))) - 5 \times 3!!$
$:= (T(T(7)) \times T(3) + T(5)) \times 3.$

7365 $:= -F(F(7)) \times 3 + (F(6))!/5$
$:= 7 \times T(T(3 + 6)) + 5!.$

7413 $:= (F(F(7)) + (4 + 1)!) \times F(F(3!))$
$:= (T(7) + T(4! + 1)) \times T(T(3)).$

7434 $:= (7!/4 - F(F(3!))) \times F(4)!$
$:= -T(T(7)) + T(T(T(4))) + T(T(3)) \times T(4!).$

7441 $:= 7^4 + (F(4)! + 1)!$
$:= 7! + T(T(T(4))) + T(41).$

7443 $:= -(F(7) + F(F(F(F(4)!)))) \times F(4) + F(3!)!$
$:= (T(7 \times T(4)) - 4) \times 3.$

7455 $:= 7! + F(F(F(4)!)) \times (5! - 5)$
$:= 7! + T(T(45)/T(5)).$

7456 $:= F(F(7)) \times (-4! + 56)$
$:= T(T(7)) - T(4) \times (T(5) - 6!).$

7476 $:= (7^{F(4)} + F(7)) \times F(F(6))$
$:= 7! + T(4 \times 7) \times 6.$

7495 $:= -F(F(7)) + F(4!)/(F(9 - 5))!$
$:= 7! + T(T(T(4))) + T(T(9)) - 5!.$

7584 $:= 7! + 5! \times F(8) + 4!$
$:= 7! - 5! + T(T(8)) \times 4.$

7637 $:= F(7) + F(6 \times 3) + 7!$
$:= -T(T(7)) + T(T(T(6))/3) + 7!.$

7644 $:= F(7) \times F(F(6)) \times (4! + 4)$
$:= T(7) \times T(T(6)) + T(4! + 4!).$

7689 $:= F(F(7)) \times (-F(6)/8 + F(9))$
$:= 7! + T(6) + T(8 \times 9).$

7694 $:= (F(F(7)) - 6) \times F(9) - 4!$
$:= -T(T(7)) + 6! \times T(9)/4.$

7874 $:= (F(F(7)) + F(8)) \times (7 + 4!)$
$:= 7! - T(T(8)) + 7! - T(T(T(4))).$

7920 $:= F(F(7)) \times F(9) - 2 + 0$
$:= -7! + (9!/T(T(T(2)) + 0!)).$

7923 $:= F(F(7)) \times F(9) - 2 + 3$
$:= 7 \times (T(T(9)) - T(T(2))) + T(3)!.$

7926 $:= F(F(7)) \times F(9) - 2 + 6$
$:= (T(T(7)) + T(T(9))) \times T(T(2)) - 6!.$

7937 $:= 7 \times T(T(9)) + T(3)! - T(7)$
$:= F(7) \times F(9 + 3!) + 7.$

7942 $:= (T(T(7)) - T(9)) \times (4! - 2)$
$:= F(F(7)) \times F(9) + F(F(F(4)!)) - F(2).$

8043 $:= 8!/(0! + 4) - F(F(3!))$
$:= 8!/(0! + 4) - T(T(3)).$

8085 $:= F(8) + 08!/5$
$:= (T(8) - 0!) \times T(T(8) - T(5)).$

8317 $:= 8!/3! + F(17)$
$:= T(8) \times T(T(T(3))) + 1^7.$

8344 $:= 8 \times 3!! + F(F(4) \times F(4)!)$
$:= T(8) \times T(T(T(3))) + 4! + 4.$

8445 $:= 8!/4! + F(4 \times 5)$
$:= T(T(8)) \times T(4!)/4! + 5!.$

8642 $:= F(F(8)) - (F(6) \times F(4)!)^2$
$:= (8 + T(6)) \times (T(4!) - 2).$

8694 $:= F(8) \times 69 \times F(4)!$
$:= T(8) \times T(69)/T(4).$

$\mathbf{8784} := 8!/(F(7)-8)+F(4)!!$
$:= -T(8)+(-7!+8!)/4.$

$\mathbf{8856} := (F(8+8)+5!)\times F(6)$
$:= T(8)\times(T(8)+5)\times 6.$

$\mathbf{8972} := F(F(8))-F(9+7)\times 2$
$:= 8\times T(T(9))-T(7)+(T(T(2)))!.$

$\mathbf{9243} := -9\times 2+F(F(F(4)!))^3$
$:= 9\times(2^{T(4)}+3).$

$\mathbf{9244} := F(9)^2\times F(F(4)!)-4$
$:= (9-T(2))\times T(T(T(4)))+4.$

$\mathbf{9333} := 9\times F(3!)+F(F(3!))^3$
$:= (T(T(9))\times 3+T(3))\times 3.$

$\mathbf{9360} := F(9-F(3))\times 6!+0$
$:= T(9+3)\times(6-0!)!.$

$\mathbf{9407} := F(9)+(F(4)!!+0!)\times F(7)$
$:= T(T(9))+(T(4!)-0!)\times T(7).$

$\mathbf{9454} := F(9)\times(F(4)!!-5!)-F(F(F(F(4)!)))$
$:= T(9)\times T(4\times 5)+4.$

$\mathbf{9477} := 9^{-4+7}\times F(7)$
$:= T(94)-T(7)+7!.$

2.2.2. ***Reverse Order of Digits.***

$\mathbf{720} := 0+(-F(2)+7)!=0+T(T(T(T(2)))/7)!.$
$\mathbf{721} := 1+(-F(2)+7)!=1+T(T(T(T(2)))/7)!.$
$\mathbf{722} := 2+(-F(2)+7)!=2+T(T(T(T(2)))/7)!.$
$\mathbf{723} := 3+(-F(2)+7)!=3+T(T(T(T(2)))/7)!.$
$\mathbf{724} := 4+(-F(2)+7)!=4+T(T(T(T(2)))/7)!.$
$\mathbf{725} := 5+(-F(2)+7)!=5+T(T(T(T(2)))/7)!.$
$\mathbf{726} := 6+(-F(2)+7)!=6+T(T(T(T(2)))/7)!.$
$\mathbf{727} := 7+(-F(2)+7)!=7+T(T(T(T(2)))/7)!.$
$\mathbf{728} := 8+(-F(2)+7)!=8+T(T(T(T(2)))/7)!.$
$\mathbf{729} := 9+(-F(2)+7)!=9+T(T(T(T(2)))/7)!.$

$\mathbf{4320} := 0+2\times 3!!\times F(4)=0-T(T(2))!+(3+4)!.$
$\mathbf{4321} := 1+2\times 3!!\times F(4)=1-T(T(2))!+(3+4)!.$
$\mathbf{4322} := 2+2\times 3!!\times F(4)=2-T(T(2))!+(3+4)!.$
$\mathbf{4323} := 3+2\times 3!!\times F(4)=3-T(T(2))!+(3+4)!.$
$\mathbf{4324} := 4+2\times 3!!\times F(4)=4-T(T(2))!+(3+4)!.$
$\mathbf{4325} := 5+2\times 3!!\times F(4)=5-T(T(2))!+(3+4)!.$
$\mathbf{4326} := 6+2\times 3!!\times F(4)=6-T(T(2))!+(3+4)!.$
$\mathbf{4327} := 7+2\times 3!!\times F(4)=7-T(T(2))!+(3+4)!.$
$\mathbf{4328} := 8+2\times 3!!\times F(4)=8-T(T(2))!+(3+4)!.$
$\mathbf{4329} := 9+2\times 3!!\times F(4)=9-T(T(2))!+(3+4)!.$

$\mathbf{5040} := 0+(F(4)-0!+5)!=1+T(4)!/(0!+5)!.$
$\mathbf{5041} := 1+(F(4)-0!+5)!=1+T(4)!/(0!+5)!.$
$\mathbf{5042} := 2+(F(4)-0!+5)!=2+T(4)!/(0!+5)!.$
$\mathbf{5043} := 3+(F(4)-0!+5)!=3+T(4)!/(0!+5)!.$
$\mathbf{5044} := 4+(F(4)-0!+5)!=4+T(4)!/(0!+5)!.$
$\mathbf{5045} := 5+(F(4)-0!+5)!=5+T(4)!/(0!+5)!.$
$\mathbf{5046} := 6+(F(4)-0!+5)!=6+T(4)!/(0!+5)!.$
$\mathbf{5047} := 7+(F(4)-0!+5)!=7+T(4)!/(0!+5)!.$
$\mathbf{5048} := 8+(F(4)-0!+5)!=8+T(4)!/(0!+5)!.$
$\mathbf{5049} := 9+(F(4)-0!+5)!=9+T(4)!/(0!+5)!.$

$\mathbf{5760} := 0+6!\times(F(7)-5)=0+6!\times(-7+T(5)).$
$\mathbf{5761} := 1+6!\times(F(7)-5)=1+6!\times(-7+T(5)).$
$\mathbf{5762} := 2+6!\times(F(7)-5)=2+6!\times(-7+T(5)).$
$\mathbf{5763} := 3+6!\times(F(7)-5)=3+6!\times(-7+T(5)).$
$\mathbf{5764} := 4+6!\times(F(7)-5)=4+6!\times(-7+T(5)).$
$\mathbf{5765} := 5+6!\times(F(7)-5)=5+6!\times(-7+T(5)).$
$\mathbf{5766} := 6+6!\times(F(7)-5)=6+6!\times(-7+T(5)).$
$\mathbf{5767} := 7+6!\times(F(7)-5)=7+6!\times(-7+T(5)).$
$\mathbf{5768} := 8+6!\times(F(7)-5)=8+6!\times(-7+T(5)).$
$\mathbf{5769} := 9+6!\times(F(7)-5)=9+6!\times(-7+T(5)).$

$\mathbf{6480} := 0+(8+F(F(F(4))))\times 6!=1+T(8)/4\times 6!.$
$\mathbf{6481} := 1+(8+F(F(F(4))))\times 6!=1+T(8)/4\times 6!.$
$\mathbf{6482} := 2+(8+F(F(F(4))))\times 6!=2+T(8)/4\times 6!.$
$\mathbf{6483} := 3+(8+F(F(F(4))))\times 6!=3+T(8)/4\times 6!.$
$\mathbf{6484} := 4+(8+F(F(F(4))))\times 6!=4+T(8)/4\times 6!.$
$\mathbf{6485} := 5+(8+F(F(F(4))))\times 6!=5+T(8)/4\times 6!.$
$\mathbf{6486} := 6+(8+F(F(F(4))))\times 6!=6+T(8)/4\times 6!.$
$\mathbf{6487} := 7+(8+F(F(F(4))))\times 6!=7+T(8)/4\times 6!.$
$\mathbf{6488} := 8+(8+F(F(F(4))))\times 6!=8+T(8)/4\times 6!.$
$\mathbf{6489} := 9+(8+F(F(F(4))))\times 6!=9+T(8)/4\times 6!.$

6840 $:= 0 + (F(4)!! + 8!)/6 = 0 - T(4) \times (T(8) - 6!)$.
6841 $:= 1 + (F(4)!! + 8!)/6 = 1 - T(4) \times (T(8) - 6!)$.
6842 $:= 2 + (F(4)!! + 8!)/6 = 2 - T(4) \times (T(8) - 6!)$.
6843 $:= 3 + (F(4)!! + 8!)/6 = 3 - T(4) \times (T(8) - 6!)$.
6844 $:= 4 + (F(4)!! + 8!)/6 = 4 - T(4) \times (T(8) - 6!)$.
6845 $:= 5 + (F(4)!! + 8!)/6 = 5 - T(4) \times (T(8) - 6!)$.
6846 $:= 6 + (F(4)!! + 8!)/6 = 6 - T(4) \times (T(8) - 6!)$.
6847 $:= 7 + (F(4)!! + 8!)/6 = 7 - T(4) \times (T(8) - 6!)$.
6848 $:= 8 + (F(4)!! + 8!)/6 = 8 - T(4) \times (T(8) - 6!)$.
6849 $:= 9 + (F(4)!! + 8!)/6 = 9 - T(4) \times (T(8) - 6!)$.

7560 $:= 0 + F(F(6)) \times 5! + 7! = 0 + T(6) \times 5! + 7!$.
7561 $:= 1 + F(F(6)) \times 5! + 7! = 1 + T(6) \times 5! + 7!$.
7562 $:= 2 + F(F(6)) \times 5! + 7! = 2 + T(6) \times 5! + 7!$.
7563 $:= 3 + F(F(6)) \times 5! + 7! = 3 + T(6) \times 5! + 7!$.
7564 $:= 4 + F(F(6)) \times 5! + 7! = 4 + T(6) \times 5! + 7!$.
7565 $:= 5 + F(F(6)) \times 5! + 7! = 5 + T(6) \times 5! + 7!$.
7566 $:= 6 + F(F(6)) \times 5! + 7! = 6 + T(6) \times 5! + 7!$.
7567 $:= 7 + F(F(6)) \times 5! + 7! = 7 + T(6) \times 5! + 7!$.
7568 $:= 8 + F(F(6)) \times 5! + 7! = 8 + T(6) \times 5! + 7!$.
7569 $:= 9 + F(F(6)) \times 5! + 7! = 9 + T(6) \times 5! + 7!$.

21 $:= F(F((1 + 2)!))$
$:= T(T(1 + 2))$.

23 $:= F(F(3!)) + 2$
$:= T(T(3)) + 2$.

143 $:= T(3) \times 4! - 1$
$:= F(3 \times 4) - 1$.

144 $:= 4! \times T(4 - 1)$
$:= F(4 \times (4 - 1))$.

147 $:= 7 \times F(F((4 - 1)!))$
$:= 7 \times T(T(4 - 1))$.

227 $:= F(F(7)) - F(2 + 2)!$
$:= -7 + T(T(T(T(2)))) + T(2)$.

232 $:= -F(2) + F(F(3! + F(2)))$
$:= T(2) + T(T(T(3))) - 2$.

235 $:= F(F(5 + F(3))) + 2$
$:= (-T(5) + T(3)!)/T(2)$.

247 $:= F(7) \times (F(F(F(4)!)) - 2)$
$:= T(T(7) + T(4))/T(2)$.

254 $:= F(F(F(4)!)) + F(F(5 + 2))$
$:= T(T(4)) \times 5 - T(T(T(2)))$.

273 $:= F(F(3!)) \times F(7) \times F(2)$
$:= T(T(3) + 7) \times T(2)$.

274 $:= F(F(F(4)!)) \times F(7) + F(2)$
$:= T(4!) - T(7) + 2$.

336 $:= F(6)!/(F(3) + 3)!$
$:= T(63)/T(3)$.

354 $:= F(4) \times (5)! - 3!$
$:= 4! \times T(5) - T(3)$.

364 $:= 4 + 6!/F(3)$
$:= T(T(T(4)) - T(6)) - T(T(T(3)))$.

369 $:= 9 + 6!/F(3)$
$:= T(T(9)) - T(6 \times T(3))$.

384 $:= 4! \times 8 \times F(3)$
$:= -T(4!) - T(8) + T(3)!$.

432 $:= 2 \times 3!^{F(4)}$
$:= T(2) \times T(3) \times 4!$.

433 $:= F(F(3!))^{F(3)} - F(F(4)!)$
$:= T(3^3) + T(T(4))$.

445 $:= 5 \times F(F(4) + F(F(4)!))$
$:= T(5 + 4!) + T(4)$.

462 $:= (F(2) + F(F(6))) \times F(F(F(4)!))$
$:= -T(2) + T(6!/4!)$.

472 $:= 2 \times F(F(7)) + F(4)!$
$:= T(T(2) + T(7)) - 4!$.

497 $:= (-7! + 9!)/F(4)!!$
$:= T(T(7)) + T(9 + 4)$.

504 $:= 4! \times F(F(0! + 5))$
$:= 4! \times T(0! + 5)$.

546 $:= F(F(6)) \times (F(F(F(4)!)) + 5)$
$:= T(T(6)) + T(4!) + T(5)$.

564 $:= 4 \times (F(F(6)) + 5!)$
$:= 4 \times (T(6) + 5!)$.

576 $:= 6! - F(7 + 5)$
$:= T(T(T(6))/7) + T(5)$.

733 $:= (3+3)! + F(7)$
$:= T(3)! + T(3) + 7.$

735 $:= 5 \times F(F(3!)) \times 7$
$:= 5 \times T(T(3)) \times 7.$

748 $:= F(8) + F(4)!! + 7$
$:= T(T(8/4))! + T(7).$

846 $:= 6!/4 + T(T(8))$
$:= 6! + F(4)! \times F(8).$

0133 $:= 3! \times (F(F(3!)) + 1) + 0!$
$:= -3 + T(T(3) + 10).$

0134 $:= 4! \times T(3) - 10$
$:= F(4 \times 3) - 10.$

0142 $:= -2 + F(4!/(1 + 0!))$
$:= T(T(2)) + T(T(4+1) + 0!).$

0147 $:= 7 \times F(4 \times (1 + 0!))$
$:= T(7) + (4+1)! - 0!.$

0155 $:= -5! + 5 \times F(10)$
$:= 5 + T(5) \times 10.$

0157 $:= F(7) + F(5!/10)$
$:= 7 + T(5) \times 10.$

0169 $:= F(9) \times (6-1) - 0!$
$:= (T(T(9)) - T(6))/T(T(1+0!)).$

0176 $:= F(6) \times (F(7+1) + 0!)$
$:= -T(T(6)) + T(T(7)) \times 1 + 0!.$

0179 $:= F(9) + F(F(7) - 1) + 0!$
$:= -T(9) - 7 + T(T(T(T(1+0!)))).$

0184 $:= F(F(4)!) \times (F(8) + 1 + 0!)$
$:= (4 \times (T(8) + 10)).$

0194 $:= F(4)! \times F(9) - 10$
$:= 4 + T(9 + 10).$

0197 $:= F(F(7)) - F(9) - 1 - 0!$
$:= 7 + T(9 + 10).$

0204 $:= F(4)! \times F(0! + F((2+0!)!))$
$:= -T(4 - 0!) + T(20).$

0213 $:= F(F(3! + 1)) - 20$
$:= 3 + T(1 \times 20).$

0233 $:= F(33 - 20)$
$:= (T(3)! - T(T(3)))/T(2+0).$

0234 $:= F(4 + 3^2) + 0!$
$:= 4 \times T(3) + T(20).$

0237 $:= 7 \times F(3^2) - 0!$
$:= 7!/T(T(3)) - T(2+0).$

0239 $:= F(9) \times (3! + F(2)) + 0!$
$:= (9-3)!/T(2) - 0!.$

0244 $:= F(4)^{F(4)+2} + 0!$
$:= 4! + T(4) + T(20).$

0247 $:= F(F(7)) - F(4)! + 20$
$:= (T(T(7) + T(4)))/T(2+0).$

0248 $:= 8 + F(4)!!/(2+0!)$
$:= 8 \times (T(4) \times T(2) + 0!).$

0249 $:= 9 + F(4)!!/(2+0!)$
$:= -T(9) + T(4!) - T(T(2+0)).$

0254 $:= F(F(F(4)!)) + F(F(5+2+0))$
$:= T(4 \times 5 + 2) + 0!.$

0257 $:= F(F(7)) + 5^2 - 0!$
$:= T(7 + T(5)) + T(2) + 0!.$

0264 $:= 4! \times (F(6) + 2 + 0!)$
$:= 4! \times (T(6-2) + 0!).$

0265 $:= 5! + F(6 \times 2) + 0!$
$:= T(56)/T(T(2)) - 0!.$

0266 $:= -6! + F(F(6) \times 2) - 0!$
$:= T(T(6)) + 6^2 - 0!.$

0267 $:= F(F(7)) + F(F(6) + (2 \times 0)!)$
$:= T(7) + 6!/T(2) - 0!.$

0269 $:= F(9) \times F(6) - 2 - 0!$
$:= T(9) \times 6 - (2 \times 0)!.$

0273 $:= F(3!) \times F(7+2) + 0!$
$:= 3 \times T(-7 + 20).$

0274 $:= F(F(F(4)!)) + F(F(7)) + 20$
$:= T(4!) - T(7) + 2 + 0.$

0275 $:= (5! - T(7)) \times T(2) - 0!$
$:= (5 \times F(((7+2) + (0)!))).$

0276 $:= (F(F(6)) \times F(7)) + 2 + 0!$
$:= 6 \times (T(7+2) + 0!).$

0287 $:= 7 \times (F(8) \times 2 - 0!)$
$:= T(T(7)) - (8 - T(2))! + 0!.$

0293 $:= F(F(3!)) + F(9) \times F((2+0!)!)$
$:= -T(3)! + T(T(9)) - T(T(T(2))) - 0!.$

0296 $:= F(6) \times (F(9) + 2 + 0!)$
$:= T(T(6)) + T(9) + 20.$

0306 $:= F(F(6) + 0!) \times (F(3!) + 0!)$
$:= T(60)/T(3) + 0!.$

0324 $:= F(4)!^2 \times (F(3!) + 0!)$
$:= 4 \times T(2)^{3+0!}.$

0326 $:= 6!/2 - F(F(3!) + 0!)$
$:= T(T(6) - 2 + T(3)) + 0!.$

0329 $:= F(9 + F(2)) \times 3! - 0!$
$:= (T(9) + 2) \times (T(3) + 0!).$

0342 $:= (F(2) + F(4)!)^3 - 0!$
$:= (T(2) + 4)^3 - 0!.$

0344 $:= (F(4) + 4)^3 + 0!$
$:= T(4!) + 43 + 0!.$

0345 $:= 5! - F(F(4)!) + F(F(3! + 0!))$
$:= -5 \times 4! + T(30).$

0347 $:= 7^{F(4)} + 3 + 0!$
$:= T(T(7)) - T(4) \times T(3) + 0!.$

0349 $:= (F(9) + 4!) \times 3! + 0!$
$:= T(9) + T(4!) + 3 + 0!.$

0352 $:= -F(2) + 5! + F(F(3! + 0!))$
$:= (-T(2) + 5!) \times 3 + 0!.$

0354 $:= F(4) \times 5! - (3 + 0)!$
$:= 4! \times T(5) - T(3 + 0).$

0356 $:= F(6 + 5) \times (3 + 0!)$
$:= T(T(6)) + 5^3 + 0.$

0357 $:= F(F(7)) + 5! + 3 + 0!$
$:= 7!/T(5) + T(T(3 + 0)).$

0358 $:= 8!/5! + F(F(3!)) + 0!$
$:= 8!/5! + T(T(3)) + 0!.$

0368 $:= 8 + 6!/F(3 + 0)$
$:= 8 \times (T(6 + 3) + 0!).$

0369 $:= 9 + 6!/F(3 + 0)$
$:= -96 + T(30).$

0371 $:= F(1 + F(7)) - (3 + 0)!$
$:= T(-1 + T(7)) - T(3) - 0!.$

0374 $:= -F(4) + F(F(7) + (3 \times 0)!)$
$:= T(4!) + 73 + 0!.$

0375 $:= 5! + F(F(7)) + F(F(3!)) + 0!$
$:= 5! \times 7 - T(30).$

0377 $:= F(7 + 7) + 3 \times 0$
$:= T(T(7)) - T(7) - (3 \times 0)!.$

0384 $:= 4! \times 8 \times F(3 + 0)$
$:= 4! \times (T(8 - 3) + 0!).$

0386 $:= F(6) + F(8 + 3!) + 0!$
$:= -6!/T(8) + T(T(T(3) + 0!)).$

0397 $:= (F(F(7)) - F(9)) \times F(3) - 0!$
$:= T(T(7)) - 9 + 3 \times 0.$

0398 $:= F(8) + F(9 + 3! - 0!)$
$:= -8 + T(9 \times 3 + 0!).$

0428 $:= F(8)^2 - F(F(4)! + 0!)$
$:= -T(8) + T(T(2) \times T(4)) - 0!.$

0429 $:= (F(9) - F(2)) \times F(F(4)! + 0!)$
$:= (T(9) - 2) \times T(4) - 0!.$

0433 $:= 3 \times F(3 \times 4) + 0!$
$:= 3 \times T(3) \times 4! + 0!.$

0435 $:= (-5 + F(F(3!))^{F(F(4))}) - 0!$
$:= T(5) \times (T(3 + 4) + 0!).$

0436 $:= F(F(6))^{F(3)} - 4 - 0!$
$:= T(6) \times T(T(3)) - 4 - 0!.$

0439 $:= F(9 + F(F(3))) \times F(F(4)!) - 0!$
$:= T(T(9)) - T(34) - 0!.$

0457 $:= (F(F(7)) - 5) \times F(F(4)) + 0!$
$:= T(T(7)) + 5 \times T(4) + 0!.$

0458 $:= -F(8) + 5! \times 4 - 0!$
$:= -8 + T(5!/4) + 0!.$

0461 $:= (1 + F(F(6))) \times F(F(F(4)!)) - 0!$
$:= T(16) + T(4! + 0!).$

0462 $:= (F(2) + F(F(6))) \times F(F(F(4 + 0)!))$
$:= 2 \times T(6) \times (T(4) + 0!).$

0463 $:= F(F(3!)) + F(F(6))^{F(F(4))} + 0!$
$:= -3 + T(6!/4!) + 0!.$

0466 $:= F(F(6)) \times F(F(6)) + 4! + 0!$
$:= T(6 + 6 \times 4) + 0!.$

0469 $:= -F(9) + F(F(6)) \times 4! - 0!$
$:= T(9 + T(6)) + 4 + 0.$

0472 $:= 2 \times F(F(7)) + F(4 + 0)!$
$:= T(T(2) + T(7)) - (4 + 0)!.$

0473 $:= (3 + F(F(7))) \times F(F(4)) + 0!$
$:= T(3 + T(7)) - 4! + 0!.$

0476 $:= (F(F(6)) - 7) \times F(F(F(4)!) + 0!)$
$:= -T(6) + T(7 + 4!) + 0!.$

0483 $:= F(F(3)) \times F(8) \times (4! - 0!)$
$:= T(T(3)) \times ((8 - 4)! - 0!).$

0486 $:= 6! - F(F(F(8)/F(4))) - 0!$
$:= 6 \times (8 \times T(4) + 0!).$

0487 $:= -F(F(7)) + (8 - F(4) + 0!)!$
$:= T(T(7)) + 8 \times T(4) + 0!.$

0488 $:= 8 \times (T(8) + 4! + 0!)$
$:= 8 \times (F(8) + 40).$

0492 $:= 2^9 - F(F(F(4)!)) + 0!$
$:= -T(2) + T(9) \times (T(4) + 0!).$

0496 $:= -F(6) + 9!/F(4 + 0)!!$
$:= T(T(6) + 9 + (4 \times 0)!).$

0503 $:= F(F(3!)) \times (-0! + 5)! - 0!$
$:= T(T(3)) \times (-0! + 5)! - 0!.$

0504 $:= 4! \times F(F(0! + 5 + 0))$
$:= 4! \times T(0! + 5 + 0).$

0512 $:= 2^{F(1+5)+0!}$
$:= 2^{-1+T(5-0!)}.$

0524 $:= F(F(F(4)!)) \times 25 - 0!$
$:= -4 + T(2^5 + 0).$

0526 $:= F(F(6)) \times 25 + 0!$
$:= T(6) \times 25 + 0!.$

0528 $:= (F(8) + F(2)) \times (5 - 0!)!$
$:= T(82 - 50).$

0534 $:= F(4)! \times F(3! + 5 + 0)$
$:= T(4!) + 3 + T(T(5 + 0!)).$

0546 $:= F(F(6)) \times (-4! + 50)$
$:= T(6) \times (T(4) + T(5) + 0!).$

0564 $:= 4 \times (F(F(6)) + (5 + 0)!)$
$:= 4 \times (T(6) + 5!) + 0.$

0573 $:= -F(F(3!)) \times 7 + (5 + 0!)!$
$:= T(3)! - T(7) - 5! + 0!.$

0576 $:= 6! - F(7 + 5 + 0)$
$:= (6! + 7!)/T(5 - 0!).$

0586 $:= F(-6 + F(8)) - (5 - 0!)!$
$:= T(-6 + T(8)) + 5! + 0!.$

0593 $:= F(F(3!)) \times F(9) - 5! - 0!$
$:= T(3)! + 9 - T(T(5) + 0!).$

0594 $:= F(F(F(4)!)) \times F(9) - (5 + 0)!$
$:= T(4! + T(9 - 5)) - 0!.$

0615 $:= 5 + F(16 - 0!)$
$:= -T(T(5) - 1) + 6! \times 0!.$

0617 $:= 7 + F(16 - 0!)$
$:= T(7) \times (1 + T(6)) + 0!.$

0631 $:= (1 + 3!)!/F(6) + 0!$
$:= 1 + T(36 - 0!).$

0634 $:= 4! + F(3! + F(6) + 0!)$
$:= 4 + T(36 - 0!).$

0635 $:= 5 \times (3! \times F(F(6)) + 0!)$
$:= 5 \times (T(3) \times T(6) + 0!).$

0637 $:= F(7) \times (3! \times F(6) + 0!)$
$:= -T(7) \times 3 + 6! + 0!.$

0639 $:= -9^{F(3)} + (6 + 0)!$
$:= 9 + T(36 - 0!).$

0644 $:= F(4!)/(F(F(4)!) \times (F(6) + 0!))$
$:= T(T(4 + 4)) - T(6) - 0!.$

0645 $:= 5^4 + F(F(6)) - 0!$
$:= 5^4 + T(6) - 0!.$

0648 $:= 8 \times (F(F(F(4)!)) + 60)$
$:= T(8) \times (4! - 6 + 0).$

0672 $:= (F(2) + 7)!/60$
$:= 2 \times 7!/T(6 - 0!).$

0673 $:= 3!! + F(7) - 60$
$:= T(T(3) \times 7) - T(T(6)) + 0!.$

0684 $:= (F(4)!! + 8!)/60$
$:= 4! + T(T(8)) - 6 + 0.$

0687 $:= -F(7) - F(8) + 6! + 0!$
$:= -7 + T(T(8)) + T(6 + 0!).$

0689 $:= -9 - F(8) + 6! - 0!$
$:= T(9) + T(T(8)) - T(6) - 0!.$

0694 $:= -F(4) \times 9 + 6! + 0!$
$:= (4! + 9) \times T(6) + 0!.$

0697 $:= -F(7) - 9 + 6! - 0!$
$:= T(T(7) + 9) - 6 + 0.$

0698 $:= -F(8) + (9 - 6)!! - 0!$
$:= T(-8 + T(9)) - 6 + 0!.$

0702 $:= (2 + 0!) \times (F(F(7)) + 0!)$
$:= 2 \times T(-0! + T(7) - 0!).$

0703 $:= 3 \times (0! + F(F(7))) + 0!$
$:= T(30 + 7 + 0).$

0732 $:= (2 \times 3)! + F(7) - 0!$
$:= T(2) + 3^{7-0!}.$

0736 $:= 6! + 3 + F(7 + 0)$
$:= T(6 \times T(3)) + 70.$

0738 $:= F(8) - 3 + (7 - 0!)!$
$:= T(8) + T(37) - 0!.$

0741 $:= F(1 \times 4)!! + F(7 + 0!)$
$:= T(T(1 \times 4) + T(7 + 0)).$

0745 $:= 5^{F(F(4))} + (7 - 0!)!$
$:= T(5) + T(4) + (7 - 0!)!.$

0746 $:= F(6)^{F(4)} + F(F(7)) + 0!$
$:= 6! + T(T(4)) - T(7) - 0!.$

0748 $:= F(8) + F(4)!! + 7 + 0$
$:= T(T(8)) + T(T(4)) + T(7) - 0!.$

0753 $:= F(F(F(3!)) - 5) - F(F(7)) - 0!$
$:= T(3)! + 5 + T(7 + 0).$

0754 $:= (-F(4) + 5) \times F(F(7) + 0!)$
$:= T(T(T(4))) - 5! - T(T(7 + 0!)).$

0762 $:= 2 \times F(F(6)) + (7 - 0!)!$
$:= 2 \times T(6) + (7 - 0!)!.$

0782 $:= (2 + F(F(8)))/(F(7) + 0!)$
$:= T(T(2))! - 8 + 70.$

0783 $:= 3 \times F(8) + (7 - 0!)!$
$:= T(3)! + T(8) + T(7) - 0!.$

0784 $:= F(4)!! + 8 \times (7 + 0!)$
$:= T(4 + T(8)) - T(7 + 0!).$

0834 $:= -F(F(4)!) + (F(F(F(3!)))/F(8 - 0!))$
$:= T(T(4)) + T(3 + T(8)) - 0!.$

0835 $:= 5 \times (F(3!) \times F(8) + 0!)$
$:= T(5) + T(3 + T(8) + 0!).$

0836 $:= -6 + F(F(F(3!)))/F(8 - 0!)$
$:= T(6 \times 3) + T(T(8)) - 0!.$

0839 $:= ((F(9) + 3!) \times F(8)) - 0!$
$:= T(T(9)) - T(T(T(3))) + T(8) - 0!.$

0841 $:= (-1 + F(F(F(F(4)!)))/F(8 - 0!))$
$:= 1 + 4! \times (T(8) - 0!).$

0842 $:= F(F(2 \times 4))/F(8 - 0!)$
$:= 2 + 4! \times (T(8) - 0!).$

0843 $:= F(F(F(3!)) - F(4)!) + F(F(8 - 0!))$
$:= 3 + 4! \times (T(8) - 0!).$

0844 $:= F(F(4)) + F(F(F(F(4)!)))/F(8 - 0!)$
$:= 4 + 4! \times (T(8) - 0!).$

0845 $:= 5 \times (F(F(4)!) \times F(8) + 0!)$
$:= 5 + 4! \times (T(8) - 0!).$

0846 $:= 6! + F(4)! \times F(8 + 0)$
$:= 6 + 4! \times (T(8) - 0!).$

0847 $:= 7!/F(4)! + 8 - 0!$
$:= 7 + 4! \times (T(8) - 0!).$

0849 $:= F(9) \times (4 + F(8)) - 0!$
$:= 9 + 4! \times (T(8) - 0!).$

0856 $:= F(6) \times (5! - F(8 - 0!))$
$:= 6! + T(T(5) + (8 \times 0)!).$

0863 $:= F(F(3!)) + F(F(F(6)))/F(8 - 0!)$
$:= (3 + T(6)) \times T(8) - 0!.$

0864 $:= 4! \times 6!/(F(8) - 0!)$
$:= 4 \times 6 \times T(8 + 0).$

0873 $:= 3!! + F(F(7)) - 80$
$:= T(T(3 + 7)) - T(T(8)) - 0!.$

0874 $:= F(4)!! + 7 \times (F(8) + 0!)$
$:= T(T(4)) \times T(7) - T(T(8 + 0)).$

0876 $:= 6 \times (7 \times F(8) - 0!)$
$:= -6! + T(7 \times 8 + 0).$

0932 $:= F(2 \times F(3!)) - F(9 + 0!)$
$:= 2 \times (T(T(T(3)) + 9) + 0!).$

0937 $:= F(7) \times F(3!) \times 9 + 0!$
$:= -7 + T(T(3)) \times T(9) - 0!.$

0947 $:= F(F(7)) + F(F(F(4)!)) \times F(9 + 0)$
$:= T(7 + 4 \times 9) + 0!.$

0952 $:= (-F(2) + 5!) \times (9 - 0!)$
$:= T(T(2))! + T(T(T(5) - 9)) + 0!.$

0966 $:= F(F(6) + F(6)) - F(9 - 0!)$
$:= T(6) + T(6) \times T(9 + 0).$

0974 $:= F(4)!! + F(F(7)) + F(9 - 0!)$
$:= -T(T(4)) - 7 + T(T(9)) + 0!.$

0978 $:= -8 + F(7 + 9) - 0!$
$:= -8 \times 7 + T(T(9)) - 0!.$

0984 $:= 4! \times (8 + F(9) - 0!)$
$:= -T(4!/8) + T(T(9) - 0!).$

0986 $:= -6 \times 8 + T(T(9)) - 0!$
$:= (F(6) + F(8)) \times F(9 + 0).$

1323 $:= F(F(3!)) \times (2^{3!} - 1)$
$:= T(T(3)) \times (2^{T(3)} - 1).$

1324 $:= F(F(F(4)!))^2 \times 3 + 1$
$:= T(4!) + 2^{T(3+1)}.$

1343 $:= F(3!)!/(4! + 3!) - 1$
$:= T(T(3)) \times 4^3 - 1.$

1344 $:= 4! \times (F(4 + 3!) + 1)$
$:= (4! + 4!) \times T(T(3) + 1).$

1364 $:= (F(4!) + F(6))/F(F(3!) + 1)$
$:= T(T(T(4))) - T(T(6)) + T(T(3 + 1)).$

1365 $:= 5 \times F(F(6)) \times F(3! + 1)$
$:= T(5) \times T(6 + T(3) + 1).$

1368 $:= (F(F(8)) + 6)/F(3!) - 1$
$:= 8 \times T(6 \times 3 \times 1).$

1374 $:= (-4 + F(F(7))) \times 3! \times 1$
$:= -4 + T(T(7) + (3 + 1)!).$

1378 $:= -F(8) + F(F(7)) \times 3! + 1$
$:= T(8 \times 7 - 3 - 1).$

1404 $:= F(4)! \times (0! + F(F(F(4)! + 1)))$
$:= 4 \times T(0! + 4! + 1).$

1427 $:= -F(7) + 2 \times (4 - 1)!!$
$:= T(T(7)) + T(T(2))! + T(4!) + 1.$

1429 $:= -9 + 2 \times (F(4)!! - 1)$
$:= T(T(9) + 2) + T(4!) + 1.$

1432 $:= 2 \times 3!! - F((4 - 1)!)$
$:= 2 \times (T(3)! - 4 \times 1).$

1434 $:= (-F(4) + 3!!) \times F(4 - 1)$
$:= T(4!) + T(T(3)) \times (T(T(4)) - 1).$

1436 $:= 6! \times F(3) - 4 \times 1$
$:= 6! + T(3)! - 4 \times 1.$

1444 $:= 3 + F(F(4)) \times (4 - 1)!!$
$:= T(T(T(4))) - 4! \times 4 \times 1.$

1445 $:= 5 + F(F(4)) \times (4 - 1)!!$
$:= 5 \times T(4!) - T(T(4 \times 1)).$

1446 $:= 6 + F(F(4)) \times (4 - 1)!!$
$:= 6 \times (4! \times T(4) + 1).$

1449 $:= 9 + F(F(4)) \times (4 - 1)!!$
$:= (T(9) + 4!) \times T(T(4 - 1)).$

1456 $:= (-F(6) + 5!) \times F(F(4)! + 1)$
$:= T(T(6)) + T(5 \times T(4) - 1).$

1457 $:= F(7) \times (5! - F(F(4)!)) + 1$
$:= -T(7) + T(54) \times 1.$

1462 $:= 2 \times 6! + F(F(F(4)!)) + 1$
$:= 2 \times (6! + T(4) + 1).$

1463 $:= F(3) \times 6! + 4! - 1$
$:= T(3)! + 6! + 4! - 1.$

1464 $:= 4! + 6! \times F(4 - 1)$
$:= 4! \times (6 \times T(4) + 1).$

1483 $:= (3!! + F(8)) \times F(F(4)) + 1$
$:= -T(3)! - 8 + T(T(T(4) + 1)).$

1484 $:= F(F(4)) \times (F(8) + F(4)!! + 1)$
$:= T(T(4 + 8) - 4!) - 1.$

1542 $:= 2 \times (F(4)!! + 51)$
$:= 2 + T(4 + 51).$

1547 $:= F(7) \times (4! \times 5 - 1)$
$:= 7 + T(4 + 51).$

1557 $:= F(7) \times 5! - F(5 - 1)$
$:= T(T(T(T(7 - 5)))) + T(51).$

1561 $:= F(1 + 6) \times 5! + 1$
$:= T(1 \times 6) + T(T(T(5 - 1))).$

1572 $:= -F(2) + F(7) \times (5! + 1)$
$:= T(2 \times T(7)) - (5 - 1)!.$

1638 $:= F(8) \times 3! \times F(6 + 1)$
$:= T(T(8)/3) \times T(6 \times 1).$

1724 $:= F(F(F(F(4)!)) - F(2)) - 7! - 1$
$:= T(T(T(4)) + 2) + 71.$

1745 $:= -5! + F(F(4)!) \times F(F(7)) + 1$
$:= (5 + (4 \times T((T(7) + 1)))).$

1944 $:= F(4)!^{F(4)} \times 9 \times 1$
$:= -4! \times (T(4) - 91).$

2016 $:= F(6)!/(10 \times 2)$
$:= T(61 + 02).$

2097 $:= T(7 + T(9)) - 0! + T(T(2))!$
$:= F(F(7)) \times (9 + 0 \times 2).$

2136 $:= (6! - F(3!)) \times (1 + 2)$
$:= 6! \times 3 - (1 + T(2))!.$

2145 $:= (-5 + F(4)!!) \times (1 + 2)$
$:= T(5! - T((4 + 1) \times 2)).$

2147 $:= -F(7) + F(4) \times ((1 + 2))!!$
$:= T(T(7 + 4) - 1) + 2.$

2154 $:= F(4) \times ((5 + 1)! - 2)$
$:= (4! \times T(5) - 1) \times T(T(2)).$

2184 $:= F(4) \times (8 + (1 + 2)!!)$
$:= (T(T(4)) + T(8)) \times (1 + T(2))!.$

2205 $:= 5 \times F(F((0! + 2)!))^2$
$:= (T(T(5) - 0!)) \times T(2 \times T(2)).$

2274 $:= F(4)! \times (F(7 \times 2) + 2)$
$:= (-4! + T(T(7)) - T(2)) \times T(T(2)).$

2312 $:= 2 \times (F(1 + F(3!)))^2$
$:= T(T(2) + 1) \times T(T(T(3))) + 2.$

2354 $:= (-F(F(4)!) + 5!) \times F(F(3!)) + 2$
$:= T(T(T(4))) + T(5!/3) - T(T(2)).$

2373 $:= F(F(3!)) \times (-7 + (3 + 2)!)$
$:= T(3)! + T(T(7 + 3) + 2).$

2375 $:= (5! - 7) \times F(F(3!)) + 2$
$:= (5! - 7) \times T(T(3)) + 2.$

2376 $:= F(6) \times (F(F(7)) + F(3!)^2)$
$:= 6 \times (T(T(7)) - T(T(3) - 2)).$

2401 $:= (F(10) - F(4)!)^2$
$:= (-T(T(1 + 0!)) + T(T(4)))^2.$

2435 $:= 5 \times (3!! - F(F(F(4)! + F(2))))$
$:= -T(5) + T(-T(3) + T(T(4))) \times 2.$

2439 $:= F(9 + 3!) \times 4 - F(2)$
$:= T(T(9)) \times 3 - T(T(4 \times 2)).$

2444 $:= 4 \times (F(F(F(F(4)!)) - F(4)!) + F(2))$
$:= (T(4!) - T(T(4))) \times T(4) - T(T(2)).$

2447 $:= (7! + F(4!))/F(F(F(4)!)) - F(2)$
$:= 7 + T(T(T(4))) + T(4!) \times T(2).$

2448 $:= (F(8) - 4) \times F(4!/2)$
$:= (8 + T(4)) \times T(4^2).$

2449 $:= F(9) \times 4! \times F(4) + F(2)$
$:= T(9) \times T(T(4)) - 4! - 2.$

2456 $:= F(F(6)) \times (5! - F(4)) - F(2)$
$:= T(6) \times 5! - 4^{T(2)}$.

2457 $:= (7! - 5! - F(4)!)/2$
$:= T(7) \times 5! - T(42)$.

2464 $:= F(4! - 6) - (F(4) + 2)!$
$:= T(T(T(4))) + T(6) + T(42)$.

2465 $:= -5! + F(-6 + 4!) + F(2)$
$:= T(5) \times T(T(6)) - T(4)^{T(2)}$.

2484 $:= -4 \times T(8) + T(4! \times T(2))$
$:= F(4)!! + (F(8) \times F(F(4)))^2$.

2518 $:= F(8) \times 1 \times 5! - 2$
$:= 8!/(1 + T(5)) - 2$.

2519 $:= F(9 - 1) \times 5! - F(2)$
$:= -T(T(9) + 1) + 5 \times T(T(2))!$.

2541 $:= 1 \times F(F(F(4)!)) \times (5! + F(2))$
$:= (1 + T(4)) \times T(T(T(5 - 2)))$.

2542 $:= F(2) + F(F(F(4)!)) \times (5! + F(2))$
$:= -2 + 4! + 5! \times T(T(T(2)))$.

2544 $:= 4! + (F(F(4)) + 5)!/2$
$:= (T(4!) + 4 + 5!) \times T(T(2))$.

2545 $:= 5! \times F(F(F(4)!)) + 5^2$
$:= -5 + T(T(4) \times 5) \times 2$.

2561 $:= -1 + F(F(6)) \times (5! + 2)$
$:= -1 + T(6) \times (5! + 2)$.

2562 $:= F(2 + 6) \times (5! + 2)$
$:= T(T(2) \times 6) \times T(5) - T(2)$.

2597 $:= (7! + F(9) + 5!)/2$
$:= -T(T(7)) + T(-T(9) + 5! + 2)$.

2634 $:= F(4)! \times (-F(3) + F(F(6))^2)$
$:= T(4! \times 3) + T(6/2)$.

2637 $:= 7 \times F(3! + F(6)) - 2$
$:= (7! + 3 + T(T(6)))/2$.

2638 $:= -8 + 3! \times F(F(6))^2$
$:= -8 + T(3) \times T(6)^2$.

2643 $:= -3 + F(4)! \times F(F(6))^2$
$:= T(3 \times 4!) + T(6) - T(T(2))$.

2645 $:= (5! + F(4)!) \times F(F(6)) - F(2)$
$:= 5 \times (T(4!) + T(T(6)) - 2)$.

2664 $:= (F(4!) - 6! - F(6)!)/2$
$:= 4!/6 \times T(6^2)$.

2704 $:= (4 \times F(07))^2$
$:= (4! + T(07))^2$.

2753 $:= F(F(F(3) + 5)) + 7!/2$
$:= T(3)! + 5 \times T(T(7)) + T(2)$.

2754 $:= F(F(F(4)!)) \times 5! + F(F(7)) + F(2)$
$:= T(4) \times T(-5 + T(7)) - T(T(2))$.

2844 $:= 4 \times (F(4)!! - 8 - F(2))$
$:= T(T(4!)/4) - 8 + 2$.

2846 $:= 6! \times 4 - F(8 + F(2))$
$:= 6! \times 4 - T(8) + 2$.

2848 $:= (-8 + F(4)!!) \times 8/2$
$:= -8 + T(4! - 8) \times T(T(T(2)))$.

2856 $:= F(F(6)) \times (5! + 8 \times 2)$
$:= (6 + T(5)) \times T(8 \times 2)$.

2878 $:= 8!/(-7 + F(8)) - 2$
$:= (8! - T(7))/(8 + T(T(2)))$.

2905 $:= -5! + F(0! + 9)^2$
$:= -5! + T(0! + 9)^2$.

3024 $:= (F(4)^2)!/(-0! + 3!)!$
$:= 4! \times T(T(2)) \times T(T(03))$.

3045 $:= (5! + 4! + 0!) \times F(F(3!))$
$:= T(5 + 4!) \times (0! + T(3))$.

3165 $:= -5 \times 6! + F(-1 + F(F(3!)))$
$:= T(5) \times T(T(6)) - T((1 + 3)!)$.

3196 $:= (F(F(6) + 9) + 1) \times F(3)$
$:= -6! + T(91 - 3)$.

3249 $:= (F(9) + 4! - F(2))^{F(3)}$
$:= (T(9) \times 4! + T(2)) \times 3$.

3264 $:= 4! \times (-F(6) + F(2 \times 3!))$
$:= 4! \times T(T(6) - 2 - 3)$.

3276 $:= F(F(6)) \times (F(7) \times 2) \times 3!$
$:= T(6 + 7) \times T(2^3)$.

3297 $:= -7 + F(9 \times 2) + 3!!$
$:= (T(7+9) + T(T(T(2)))) \times T(T(3))$.

3303 $:= 3!! - 0! + F(3 \times 3!)$
$:= T((3+0!)!) + T(T(T(T(3)))/3)$.

3304 $:= F(4! - 03!) + 3!!$
$:= T(4!) + 0! + T(T(T(T(3)))/3)$.

3325 $:= 5 \times (-F(2 + F(3!)) + 3!!)$
$:= 5 \times (-T(T(-2 + T(3))) + T(3)!)$.

3327 $:= F(7) \times 2^{F(3!)} - F(F(3))$
$:= T(T(7) \times T(2)) - 3 + T(3)$.

3339 $:= 9 \times (-3! + F(3! + F(3!)))$
$:= (T(T(9)) + T(T(3) + T(3))) \times 3$.

3344 $:= (F(F(4)!)!/4! - F(3!)) \times F(3)$
$:= -4 + T(4! \times 3) + T(3)!$.

3345 $:= -5! + T(T(4)) \times T(T(3)) \times 3$
$:= 5^{F(4)} \times F(F(3!)) + 3!!$.

3348 $:= (8!/4! - 3!) \times F(3)$
$:= T(8 + 4^3) + T(3)!$.

3357 $:= -F(F(7)) + 5 \times (-F(3) + 3!!)$
$:= T(7) \times 5! - T(3) + 3$.

3376 $:= (F(6) + 7!/3) \times F(3)$
$:= -6! + (7-3)^{T(3)}$.

3384 $:= 4! + 8!/(F(3) \times 3!)$
$:= 4! + 8!/(T(3) + T(3))$.

3427 $:= F(F(7)) + 2 \times F(-4 + F(F(3!)))$
$:= 7^{T(2)} \times T(4) - 3$.

3437 $:= F(F(7) + 3!) - 4! - 3!!$
$:= -T(7) + T(T(3)) \times T(T(4)) \times 3$.

3448 $:= -8 + 4! \times F(4 \times 3)$
$:= -8 + 4! \times 4! \times T(3)$.

3451 $:= (-1 + 5!) \times (F(F(4)!) + F(F(3!)))$
$:= 1 - 5! + T(4 \times T(T(3)))$.

3452 $:= -2 + 5!^{F(F(4))} - F(F(F(3!)))$
$:= 2 - 5! + T(4 \times T(T(3)))$.

3454 $:= (4! + 5!) \times 4! - F(3)$
$:= 4 - 5! + T(4 \times T(T(3)))$.

3456 $:= 6! \times 5 - F(4 \times 3)$
$:= 6 - 5! + T(4 \times T(T(3)))$.

3457 $:= F(7+5) \times 4! + F(F(3))$
$:= 7 - 5! + T(4 \times T(T(3)))$.

3459 $:= 9!/(5 \times F(F(F(4)!))) + 3$
$:= 9 - 5! + T(4 \times T(T(3)))$.

3462 $:= F(2 \times 6) \times 4! + 3!$
$:= T(2) \times T(6) \times T(T(4)) - 3$.

3463 $:= F(-F(3) + F(F(6))) + F(F(4)) - 3!!$
$:= -3 - 6! + T(T(T(4) + 3))$.

3464 $:= F(4!) - F(6)! - F(4! - 3!)$
$:= 4! \times T(T(6)) - T(4^3)$.

3466 $:= -F(6)! + F(F(F(6))) \times 4 + F(3)$
$:= -6! + T(T(6+4+3))$.

3474 $:= F(4) \times F(F(7)) \times F(4)! - 3!!$
$:= T(T(T(4)) + T(7)) - 4 \times 3$.

3478 $:= -F(F(8))/F(7) + F(4)! \times 3!!$
$:= -8 + T(T(7) + T(4 + T(3)))$.

3486 $:= -F(-6 + F(8)) + 4^{3!}$
$:= T(6!/8 - 4 - 3)$.

3497 $:= F(F(7)) \times (-9 + 4!) + F(3)$
$:= 7! - T(T(9) + T(4)) - 3$.

3498 $:= -8! + F(9) + 4 \times F(F(F(3!)))$
$:= (8 + T(9)) \times T(-T(4) + T(T(3)))$.

3525 $:= 5^2 \times (5! + F(F(3!)))$
$:= 5 \times (-T(2) \times 5 + T(3)!)$.

3534 $:= F(4)! \times (F(3 \times 5) - F(F(3!)))$
$:= (T(4) + T(T(3))) \times (5! - T(3))$.

3544 $:= F(F(4) \times F(4)!) + 5! \times F(3!)$
$:= T(T(4)) + 4! + T(5) \times T(T(T(3)))$.

3545 $:= 5 \times (-F(4)! - 5 + 3!!)$
$:= 5 \times (4 - T(5) + T(3)!)$.

3549 $:= (-9 + F(4)!!) \times 5 - 3!$
$:= (T(9) + 4 + 5!) \times T(T(3))$.

3564 $:= F(4)! \times (6! - 5! - 3!)$
$:= T(4 \times T(6)) - T(T(5-3))$.

3565 $:= 5 \times (6! - 5 - F(3))$
$:= -5 + T(6 \times T(5) - T(3))$.

3568 $:= (F(8) \times F(F(6)) + 5) \times F(3!)$
$:= (-8 + T(T(6))) \times (-5 + T(T(3)))$.

3573 $:= (3!! - 7) \times 5 + F(3!)$
$:= 3 + T(T(7) \times T(5 - 3))$.

3584 $:= 4 \times (-8 + 5!) \times F(3!)$
$:= 4 \times 8!/(T(5) \times 3)$.

3594 $:= (-4 + F(9)) \times 5! - 3!$
$:= 4! + T((9 + 5) \times T(3))$.

3597 $:= -F(F(7) - 9) + 5 \times 3!!$
$:= -T(-7 + 9) + 5 \times T(3)!$.

3605 $:= 5 \times (-0! + 6! + F(3))$
$:= T(5) \times (0! + 6!)/3$.

3624 $:= 4! + (-F(2) + 6) \times 3!!$
$:= (T(4!) + 2) \times (6 + T(3))$.

3635 $:= 5 \times (3^6 + F(3))$
$:= 5 \times (T(3)! + T(6)/3)$.

3642 $:= (F(2) - F(F(F(4)!)) + F(F(F(6))))/3$
$:= 2 \times (T(4!) \times 6 + T(T(3)))$.

3643 $:= (-F(F(3!)) + 4 + F(F(F(6))))/3$
$:= T(T(T(3)) + T(T(4))) + 6! - 3$.

3644 $:= (-F(4)! - F(F(4)!) + F(F(F(6))))/3$
$:= -T(T(T(4))) + 4! \times 6^3$.

3645 $:= 5 \times F(4)^{(6-3)!}$
$:= 5 \times (4! - T(6))^{T(3)}$.

3646 $:= (F(F(F(6))) - F(F(4)!))/(6 - 3)$
$:= T(T(6) + T(4 + 6)) + T(3)!$.

3667 $:= 7 + 6 \times F(F(F(6)) - 3!)$
$:= T(76) + T(6) + T(3)!$.

3672 $:= (2 + F(7 + F(6))) \times 3!$
$:= (2 + T(T(7))) \times (6 + 3)$.

3675 $:= 5 \times (F(7) + 6! + F(3))$
$:= T(T(5) + T(7) + 6) \times 3$.

3699 $:= 9 \times (F(9) + F(F(6) + 3!))$
$:= T(9 \times 9) + T(T(6) + T(3))$.

3705 $:= 5 \times ((-0! + 7)! + T(T(3)))$
$:= 5 \times (F(0! + 7) + 3!!)$.

3732 $:= 2 \times (F(3!) \times F(F(7)) + F(3))$
$:= (T(T(2))^3 + T(T(7))) \times T(3)$.

3734 $:= 4^{F(3)} \times F(F(7)) + 3!$
$:= -T(T(T(4))) + T(T(T(3))) + 7! + 3$.

3744 $:= (4! + 4!) \times F(7) \times 3!$
$:= 4! \times (4! + T(7)) \times 3$.

3746 $:= -6^4 + 7! + F(3)$
$:= T(T(6)) - T(T(4)) + T(T(7) \times 3)$.

3755 $:= 5^5 + 7!/F(3!)$
$:= T(5) + 5 \times (T(7) + T(3)!)$.

3765 $:= (-5! + 6 \times 7!)/F(3!)$
$:= T(5) \times T(T(6)) + T((7 - 3)!)$.

3774 $:= F(4)! \times (-7 \times F(7) + 3!!)$
$:= T(4) \times (-T(7) + T(T(7))) - T(3)$.

3784 $:= F(F(4)!)!/F(8) + F(F(7)) \times F(3!)$
$:= 4! \times T(T(8) + (7))/T(3)$.

3794 $:= F(F(F(4)!) + 9) + F(7)^3$
$:= -T(49) + 7! - T(T(3))$.

3834 $:= F(F(4)) \times F(3!)!/F(8) - 3!$
$:= (-4! - 3 + T(T(8))) \times T(3)$.

3835 $:= -5 + F(3!)!/F(8) \times F(3)$
$:= -5! - T(T(T(3))) + T(T(-8 + T(T(3))))$.

3844 $:= 4 + F(F(4)) \times 8!/F(F(3!))$
$:= T(T(T(4)) + 4!) - T(8) + T(3)!$.

3864 $:= F(4!)/((-6 + 8) \times 3!)$
$:= T(4)!/6! - T(8 \times T(3))$.

3882 $:= 2 \times (8!/F(8) + F(F(3!)))$
$:= T(2) \times T(8) \times T(8) - T(3)$.

3886 $:= (6! - 8 + F(F(8)))/3$
$:= T(T(6)) + T(88 - 3)$.

3944 $:= F(F(4)!) \times 493$
$:= 4 \times (-T(T(4)) + T(T(9)) + T(3))$.

3945 $:= (5! - 4) \times F(9) + F(F(3))$
$:= T(5! - 4!) + 9 - T(3)!$.

3954 $:= -F(4)! + 5! \times (F(9) - F(F(3)))$
$:= 4! \times (5! + T(9)) - T(3).$

3961 $:= F(F(1+6)) \times F(9)/F(3)$
$:= 1 + T(6!/9) + T(3)!.$

3963 $:= 3 + T(6!/9) + T(3)!$
$:= F(F(3!)) \times F(F(6)) \times 9 - 3!.$

3967 $:= 7 + T(6!/9) + T(3)!$
$:= F(F(7)) \times (F(6) + 9) + 3!.$

4032 $:= 2 \times F(3!)!/(-0! + F(F(F(4)!)))$
$:= (2^3)!/T(04).$

4059 $:= F(9) \times 5! - F(F(F(04)!))$
$:= 9!/5! + T(T(-0! + T(4))).$

4072 $:= 2^{F(7)-0!} - 4!$
$:= 2 + (T(T(7)) + 0!) \times T(4).$

4094 $:= -F(F(4)) + (9 - 0!)^4$
$:= T(T(4) \times 9) - (0 \times 4)!.$

4204 $:= 4! - 0! + F(-2 + F(F(F(4)!)))$
$:= (T(40) + T(T(T(T(2))))) \times 4.$

4223 $:= F(F(F(3!)) - 2) + 2 \times F(F(F(4)!))$
$:= T(T(T(T(3)) + 2)/T(2)) - T(T(4)).$

4224 $:= F(F(4)!) \times 22 \times 4!$
$:= T(42) + T(T(2)^4).$

4232 $:= 23^2 \times F(F(4)!)$
$:= -T(2) + T(T(T(3)))/T(2) \times T(T(4)).$

4236 $:= (F(F(F(6)) - F(3)) + F(2 + F(F(4)!)))$
$:= T(6) \times T(3)^{T(2)} - T(4!).$

4237 $:= 7 \times F(3!) + F(-2 + F(F(F(4)!)))$
$:= -T(7) + T(3)! \times T(T(2)) - T(T(4)).$

4244 $:= F(4) \times F(F(F(4)!)) + F(-2 + F(F(F(4)!)))$
$:= -T(T(T(4))) + (T(4) + T(T(T(T(2))))) \times 4!.$

4245 $:= F(-5 + 4!) + 2^{F(4)!}$
$:= T(5) \times (T(4!) + T(2)) - T(4!).$

4248 $:= 8 \times F(F(F(4)!))^2 + F(4)!!$
$:= (T(8 + T(4)) + T(T(2))) \times 4!.$

4266 $:= (6! - F(6) - F(2)) \times F(4)!$
$:= (-6 - T(T(6))) \times (T(T(2)) - 4!).$

4272 $:= F(-2 + F(7)) \times 2 \times 4!$
$:= 2 \times T(T(7)) \times T(T(2)) - T(4!).$

4284 $:= F(4)! \times ((8-2)! - F(4)!)$
$:= (T(-T(4) + T(8)) + T(T(2))!) \times 4.$

4293 $:= 3 \times (-9 + 2 \times (F(4)!)!)$
$:= 3 \times T(T(9) + 2 \times 4).$

4302 $:= (-2 - 0! + 3!!) \times F(4)!$
$:= T(T(2)) \times (0! + T(3)! - 4).$

4306 $:= -F(6) + (-0! + 3!!) \times F(4)!$
$:= (6 - 0!)! + T(T(3 + T(4))).$

4314 $:= F(4)! \times 1 \times 3!! - F(4)!$
$:= 4! \times (-1 + T(3)!)/4.$

4317 $:= (7-1)! \times 3! - F(4)$
$:= 7! + 1 - T(3)! - 4.$

4331 $:= (-1 + F(3) + 3!!) \times F(4)!$
$:= 1 + T(3) \times T(3)! + T(4).$

4332 $:= (2 + 3!!) \times (3 + F(4))$
$:= 2 + T(3) \times T(3)! + T(4).$

4333 $:= 3! \times 3!! + F(3+4)$
$:= 3 + T(3) \times T(3)! + T(4).$

4334 $:= (F(F(4)) + 3!!) \times 3! + F(F(4))$
$:= 4 + T(3) \times T(3)! + T(4).$

4335 $:= (5 + 3!! + 3!!) \times F(4)$
$:= 5 + T(3) \times T(3)! + T(4).$

4336 $:= (6! + F(3)) \times 3! + 4$
$:= 6 + T(3) \times T(3)! + T(4).$

4337 $:= F(7) + 3!! \times 3! + 4$
$:= 7 + T(3) \times T(3)! + T(4).$

4338 $:= (F(8/F(3)) + 3!!) \times F(4)!$
$:= 8 + T(3) \times T(3)! + T(4).$

4343 $:= 3!! \times F(4)! - F(F(3)) + 4!$
$:= (T(T(T(3))) - 4!) \times T(T(3)) - 4.$

4344 $:= (4 + (F(4) \times F(3))!) \times F(4)!$
$:= (T(4) + T(4! - T(3))) \times 4!.$

4347 $:= 7! + F(4) - 3!! + 4!$
$:= T((7 + 4!) \times 3) - 4!.$

4348 $:= (-8 + F(4)! + 3!!) \times F(4)!$
$:= (T(T(8) + T(4)) + T(3)) \times 4.$

4352 $:= 2 + (5 + 3!!) \times F(4)!$
$:= 2^5 \times T(T(3) + T(4)).$

4355 $:= 5 + (5 + 3!!) \times F(4)!$
$:= T(5 + T(5)) \times T(T(3)) - T(T(4)).$

4357 $:= 7 + (5 + 3!!) \times F(4)!$
$:= T(T(T(7) - T(5))) + T(-T(3) + 4!).$

4362 $:= (F(2) + 6! + 3!) \times F(4)!$
$:= (T(2) + 6!) \times T(3) + 4!.$

4366 $:= (6! + 6) \times T(3) + T(4)$
$:= (F(6) + 6!) \times 3! - F(F(4)).$

4367 $:= -7 + 6 \times 3^{F(4)!}$
$:= -T(T(7) - 6) + 3 \times T(T(T(4))).$

4368 $:= (8 + 6!) \times F(3) \times F(4)$
$:= 8!/6! \times T(3 \times 4).$

4379 $:= 9 \times (-F(F(7)) + 3!!) - 4$
$:= (-9 + T(7)) \times T(T(T(3))) - T(4).$

4383 $:= (3!! + F(8) + 3!!) \times F(4)$
$:= (T(T(T(3))) - 8) \times T(T(3)) - T(4!).$

4384 $:= F(F(4)!) \times 8 + 3!! \times F(4)!$
$:= T(4) - T(T(8)) + (3 + 4)!.$

4386 $:= (6! + 8 + 3) \times F(4)!$
$:= T(6!/T(8)) \times T(T(3)) - 4!.$

4396 $:= F(6)!/9 - F(F(3!)) \times 4$
$:= T(6) + T(93) + 4.$

4416 $:= F(6) \times (-1 + 4!) \times 4!$
$:= (6! - 1) \times 4 + T(T(T(4))).$

4424 $:= F(4!) \times 2/F(F(F(4)!)) + F(F(4)!)$
$:= 4 \times T(T(2))! + 4 + T(T(T(4))).$

4432 $:= 2 \times (F(3!) + F(4!)/F(F(F(4)!)))$
$:= (T(2) + T(3)!) \times 4 + T(T(T(4))).$

4434 $:= (-F(F(4)) + F(F(3!)) + F(4)!!) \times F(4)!$
$:= 4! + T(T(3)) \times T(4! - 4).$

4437 $:= F(F(7) + 3!) + 4^4$
$:= 7! - 3 - T(4!) - T(4!).$

4443 $:= (F(F(3!)) + F(4)!!) \times F(4)! - F(4)$
$:= 3 \times (T(T(T(4))) - 4 - T(T(4))).$

4445 $:= 5^{F(4)} + F(4)! \times F(4)!!$
$:= (5 + T(4)) \times T(4!) - T(T(4)).$

4446 $:= (6! + F(4 + 4)) \times F(4)!$
$:= 6 \times T(4! - T(4) + 4!).$

4448 $:= (F(8) + F(4)!!) \times F(4)! + F(F(4))$
$:= 8 \times (T(4!) + 4^4).$

4462 $:= -2 + (6! + 4!) \times F(4)!$
$:= -T(2) + T(T(6) \times 4 + T(4)).$

4466 $:= 6 \times (6! + 4!) + F(F(4))$
$:= T(T(6))/T(6) \times T(4! + 4).$

4467 $:= -F(7) + F(6)!/(F(4) \times F(4))$
$:= 7 \times T(T(6)) + T(T(4!)/4).$

4474 $:= F(F(4)!)!/(F(7) - 4) - F(4)!$
$:= T(4) + 7! - 4! \times 4!.$

4476 $:= F(6)!/(F(7) - 4) - 4$
$:= T(T(6 + 7)) - T(4) + T(4!).$

4483 $:= 3 + 8!/(F(4) \times F(4))$
$:= -3 + T(T(8) + T(T(4))) + T(4!).$

4485 $:= 5 + 8!/(F(4) \times F(4))$
$:= 5 \times (T(T(8)) + T(T(4!/4))).$

4488 $:= 8 + 8!/(F(4) \times F(4))$
$:= 8 \times T(T(8)/4 + 4!).$

4489 $:= 9 + 8!/(F(4) \times F(4))$
$:= (T((98 - 4)) + (4)!).$

4496 $:= F(6)!/9 + 4 \times 4$
$:= T(6) + T(94) + T(4).$

4498 $:= 8!/9 - F(4)! + 4!$
$:= 8 \times T(9 + 4!) + T(4).$

4567 $:= -F(F(7)) + (6! - 5!) \times F(F(4)!)$
$:= 7 + T(6! - 5^4).$

4574 $:= -F(F(4)) \times F(F(7)) + (5 + F(F(4)))!$
$:= -4 + T(-T(7) + 5!) + T(4!).$

4578 $:= F(8) \times (F(F(7)) - 5 \times F(4))$
$:= T(87 + 5) + T(4!).$

4594 $:= F(F(4)!)!/9 + 5! - F(4)!$
$:= T(4) + T(95) + 4!.$

4596 $:= (-6 + T(T(9)) + 5!) \times 4$
$:= F(6)!/9 + 5! - 4.$

4599 $:= (99 + 5!) \times F(F(F(4)!))$
$:= 99 + T(5) \times T(4!).$

4608 $:= (8 + 0!) \times F(6)^{F(4)}$
$:= (8!/T(-0! + T(6))) \times 4!.$

4634 $:= F(F(4)) \times (3!! + F(F(F(6)) - 4))$
$:= (T(4!) - T(3)) \times T(6) - T(T(T(4))).$

4644 $:= 4 \times (F(4)!! + F(F(6))^{F(F(4))})$
$:= T(T(4)) \times (4 \times T(6)) + 4!.$

4656 $:= (6! + 56) \times F(4)!$
$:= (6! + T(T(4))) \times 6 - 4.$

4657 $:= F(F(7)) \times 5!/6 - F(4)$
$:= 7 + T(5 \times 6) \times T(4).$

4658 $:= -F(F(8)) + 5^6 - F(F(F(4)!))$
$:= 8 + T(5 \times 6) \times T(4).$

4674 $:= -F(4)! + F(7) \times 6!/F(F(4))$
$:= -T(4!) + 7! - T(T(6) - T(4)).$

4676 $:= (6! \times F(7) - F(6))/F(F(4))$
$:= T(6) + 7 \times (6! - T(T(4))).$

4687 $:= 7! - F(8 + 6) + 4!$
$:= 7 \times T(T(8)) + T(6) + 4.$

4688 $:= 8 \times (F(F(8) - 6) - 4!)$
$:= 8 - (T(8) - T(T(6))) \times 4!.$

4689 $:= 9 \times F(8) \times F(F(6)) + F(4)!!$
$:= 9 - (T(8) - T(T(6))) \times 4!.$

4697 $:= 7! + (F(9) - 6!)/F(F(4))$
$:= 7 \times (-T(9) + 6! - 4).$

4725 $:= F(F((5-2)!)) \times (F(F(7)) - F(F(4)!))$
$:= -T(5^2) + 7! + T(4).$

4727 $:= 7! - F(2) - F(7) \times 4!$
$:= 7! - T(T(2)) - 7 - T(4!).$

4728 $:= (8 - F(2))! - F(7) \times 4!$
$:= (T(T(8)) + T(T(2))) \times 7 + 4!.$

4735 $:= 5 \times (3!! + F(F(7)) - F(4)!)$
$:= -T(5) \times T(T(3)) + 7! + T(4).$

4736 $:= F(6)^{F(3)} \times 74$
$:= 6! \times T(3) + T(T(7)) + T(4).$

4743 $:= F(F(3!)) \times (-F(4)! + F(F(7))) - 4!$
$:= (T(T(3)) + T(4)) \times T(-7 + 4!).$

4744 $:= (F(4)!!/F(F(4)) + F(F(7))) \times F(F(4)!)$
$:= 4 - T(4!) + (T(7)/4)!.$

4745 $:= 5 \times (-4 + F(F(7)) + F(4)!!)$
$:= -5 - T(4!) + 7! + T(4).$

4749 $:= 9! - F(F(4)!)! - F(7 \times 4)$
$:= 9 - T(4!) + (T(7)/4)!.$

4753 $:= -3!! + F(F(-5 + F(7)))/F(F(4))$
$:= T(3 \times T(5) + T(7) + 4!).$

4763 $:= F(F(3!)) \times (-6 + F(F(7))) - 4$
$:= T(T(3) + T(6 + 7)) + T(4).$

4764 $:= F(4)! \times (6! + 74)$
$:= -T(4 \times 6) + 7! + 4!.$

4765 $:= 5! \times (6! + F(F(7)))/4!$
$:= T(T(5 + 6) + T(7)) + T(4!).$

4767 $:= 7 \times (6! - F(7) \times F(4))$
$:= 7! + T(T(6)) - 7!/T(4).$

4773 $:= 3!! + 7! - F(F(7) + F(4))$
$:= T(3)! - 7 + T(T(7)) \times T(4).$

4778 $:= -F(8) - F(F(7)) + 7! - F(F(4)!)$
$:= -T(8) \times 7 + 7! - T(4).$

4779 $:= -F(9) - F(F(7)) + 7! + F(4)!$
$:= 9 \times (T(-7 + T(7)) + T(4!)).$

4782 $:= -2^8 + 7! - F(F(4))$
$:= T(T(2)) + T(8) + 7! - T(4!).$

4783 $:= F(3!)!/8 - F(F(7)) - 4!$
$:= -T(T(T(3))) - T(8) + 7! - T(4).$

4789 $:= -F(9) \times 8 + 7! + F(F(F(4)!))$
$:= T(98) - 7 - T(T(4)).$

4794 $:= (F(4)!! - F(9)) \times 7 - F(F(4)!)$
$:= 4! + T(9) \times (T(T(7)) - T(4!)).$

4796 $:= (6! - F(9)) \times 7 - F(4)!$
$:= -T(6) \times 9 + 7! - T(T(4))$.

4797 $:= 7! - F(9) - F(F(7)) + 4!$
$:= 7! + 9 \times (T(7) - T(T(4)))$.

4827 $:= (F(F(7)) - 2) \times F(8) - 4!$
$:= T(T(7)^2/8) - 4!$.

4837 $:= 7 \times (3!! - F(8) - F(F(4)!))$
$:= 7 \times (T(T(3)) + T(T(8)) + 4)$.

4845 $:= F(5 \times 4) - 8!/F(F(F(4)!))$
$:= T(5 \times T(4)) + T(84)$.

4848 $:= -8 \times 4! + (F(8)/F(4))!$
$:= (T(8) + T(48)) \times 4$.

4857 $:= 7! - 5! - F(8) \times F(4)$
$:= 7! - 5! - 8 - T(T(4))$.

4859 $:= -F(9) + F(5 + 8) \times F(F(F(4)!))$
$:= 9 \times (-5! + T(T(8))) - T(T(4))$.

4875 $:= -5! + 7! - F(8) - 4!$
$:= T(5) \times T(-7 + 8 \times 4)$.

4882 $:= 2 + 8 \times F(F(8) - F(4)!)$
$:= -T(T(2)) + 8 \times (T(T(8)) - T(T(4)))$.

4884 $:= 4 + 8 \times F(F(8) - F(4)!)$
$:= (-T(T(4)) + T(T(8))) \times 8 - 4$.

4886 $:= 6 + 8 \times F(F(8) - F(4)!)$
$:= 6! \times 8 + T(T(8)) - T(T(T(4)))$.

4887 $:= 7 + 8 \times F(F(8) - F(4)!)$
$:= 7! - T(8 + T(8)/4)$.

4888 $:= 8 + 8 \times F(F(8) - F(4)!)$
$:= 8 \times (T(T(8)) - T(T(8 - 4)))$.

4896 $:= 6 \times F(9) \times (8 - 4)!$
$:= T(6) + T(98) + 4!$.

4897 $:= 7! - F(-9 + F(8)) + F(F(F(4)))$
$:= 7! - T(9 + 8) + T(4)$.

4904 $:= (F(4)! + 0!)! - F(9) \times 4$
$:= 4 \times (0! + T(T(9) + 4))$.

4914 $:= F(F(F(4)!)) \times (1 + F(9 + 4))$
$:= (T(T(4)) - 1) \times T(9 + 4)$.

4927 $:= 7! - F(2 + 9) - 4!$
$:= T(T(7)) \times (T(2) + 9) + T(T(4))$.

4937 $:= 7! - F(F(3)) - F(9) \times F(4)$
$:= 7! - 3 - T(9) - T(T(4))$.

4944 $:= 4! \times (F(4)! \times F(9) + F(F(4)))$
$:= 4! \times (4! \times 9 - T(4))$.

4947 $:= 7! + (F(4) - F(9)) \times F(4)$
$:= 7! - 4! - T(9) - 4!$.

4957 $:= 7! - 5! + F(9) + F(4)$
$:= 7 + T(5 + 94)$.

4968 $:= 8 \times (6! - 9) - F(4)!!$
$:= (T(8) \times 6 - 9) \times 4!$.

4971 $:= -1 + 7! - F(9) \times F(F(4))$
$:= 1 \times 7! - T(9) - 4!$.

4972 $:= F(2) \times 7! - F(9) \times F(F(4))$
$:= T(T(2))! + (T(7) + T(T(9))) \times 4$.

4973 $:= F(F(3)) + 7! - F(9) \times F(F(4))$
$:= -3 + 7! - 9 - T(T(4))$.

4974 $:= F(4)! \times (F(7) + F(9) \times 4!)$
$:= T((4 + 7) \times 9) + 4!$.

4975 $:= -5! + 7! + F(F(9) - 4!)$
$:= -5! + 7! + T(9) + T(4)$.

4976 $:= -6 + 7! - F(9) - 4!$
$:= 6! \times 7 - 9 - T(T(4))$.

4977 $:= 7! + (F(7) - F(9)) \times F(4)$
$:= 7! + T(7) - T(9 + 4)$.

5027 $:= 7! - F(2 + 05)$
$:= 7! + 2 - T(05)$.

5032 $:= (F(2) + 3!)! - F(0! + 5)$
$:= -T(2) + (T(3) + 0!)! - 5$.

5035 $:= -5 + (F(3) - 0 + 5)!$
$:= -5 + (T(3) + (0 \times 5)!)!$.

5036 $:= F(6)!/F(3!) + 0! - 5$
$:= (T(6)/3)! + 0! - 5$.

5061 $:= (1 + 6)! + F(F(0! + 5))$
$:= (1 + 6)! + T(0! + 5)$.

5066 $:= F(F(6)) + (F(6) - 0!)! + 5$
$:= T(6) + (6 + 0!)! + 5.$

5067 $:= 7! + F(F(6)) + 0! + 5$
$:= 7! + T(6) + 0! + 5.$

5079 $:= F(9) + 7! + 05$
$:= T(9) + 7! - 0! - 5.$

5082 $:= 2 \times F(8) \times (0! + 5!)$
$:= (T(T(2)) + T(8)) \times (0! + 5!).$

5272 $:= -F(2) + F(F(7)) + (2 + 5)!$
$:= -T(T(2)) + T(T(7)) \times (-2 + T(5)).$

5273 $:= F(3! + 7) + (2 + 5)!$
$:= T(T(T(3))) + 7! - T(2) + 5.$

5274 $:= -F(4)! + 7! + 2 \times 5!$
$:= (T(4!) - 7) \times (T(2) + T(5)).$

5337 $:= 7! - 3 \times F(F(3!)) - 5!$
$:= 7! - 3 \times (T(T(3)) - 5!).$

5395 $:= (5! \times 9 - F(F(3))) \times 5$
$:= -5 + T(9) \times T(3 \times 5).$

5409 $:= 9 + T(-0! + T(4)) \times 5!$
$:= 9 \times (0! + F(4)!! - 5!).$

5433 $:= 3 \times (T(T(T(3))) + T(T(T(4)))) + 5!$
$:= F(F(F(3!)))/F(3) - F(F(4)!) \times 5.$

5443 $:= (T(T(T(3))) - 4) \times 4! - 5$
$:= F(F(F(3!)))/F(F(4)) - F(4)! \times 5.$

5448 $:= -8! - F(4)!! + F(4!) + 5!$
$:= 8 \times T(T(4 + 4)) + 5!.$

5472 $:= F(F(2) \times F(7)) \times 4! - 5!$
$:= -T(2) + 7! + T(4! + 5).$

5473 $:= F(3 \times 7)/(-F(4) + 5)$
$:= T(3)! + T(T(7) \times 4 - T(5)).$

5484 $:= F(4)! + F(F(8))/F(F(4)) + 5$
$:= T(4!) + T(8) \times (4! + 5!).$

5487 $:= -F(F(7)) + 8 \times (F(4)!! - 5)$
$:= 7 \times T(T(8)) + T(T(4)) \times T(5).$

5535 $:= (5! + F(F(F(3!)) - 5)) \times 5$
$:= -T(5) \times (T(T(T(3))) - 5! \times 5).$

5544 $:= F(F(F(4)!)) \times (4! + 5! + 5!)$
$:= 4! \times T(-4 + 5 \times 5).$

5597 $:= F(F(7)) \times (9 - 5)! + 5$
$:= -T(7) + T(9) \times (5 + 5!).$

5634 $:= -F(4)! + F(3!) \times 6! - 5!$
$:= T(4!) \times T(T(3)) - T(T(6) + T(5)).$

5643 $:= 3 + F(4)!! \times F(6) - 5!$
$:= -T(T(3)) + 4! \times T(T(6)) + 5!.$

5646 $:= 6 + F(4)!! \times F(6) - 5!$
$:= 6! - 4! + T(-T(6) + 5!).$

5664 $:= (F(4) + 6!) \times F(6) - 5!$
$:= 4 \times 6 \times T(T(6)) + 5!.$

5673 $:= F(F(F(3!))) - 7! - F(F(6) + 5)$
$:= 3 \times T(76 - T(5)).$

5697 $:= F(F(7)) \times 9 + 6! \times 5$
$:= 7! - 9 + T(T(6) + T(5)).$

5733 $:= 3!! + F(F(3!)) \times F(F(7)) + 5!$
$:= 3 \times T(T(3)) \times T(T(7) - T(5)).$

5736 $:= (6! - 3) \times (F(7) - 5)$
$:= (6! - 3) \times (-7 + T(5)).$

5738 $:= F(8)^{F(3)} \times F(7) + 5$
$:= 8 \times T(3)! - 7 - T(5).$

5747 $:= -F(7) + F(4)!! \times (F(7) - 5)$
$:= -T(7) + T(T(4)) \times 7 \times T(5).$

5773 $:= F(F(F(3!))) - 7! - F(7) - 5!$
$:= T(3)! + 7! + T(7) - T(5).$

5783 $:= -3 + F(F(8)) - 7! + 5!$
$:= T(3)! + 8 + 7! + T(5).$

5784 $:= F(4!)/8 - 7 - 5$
$:= 4! \times T(8) + 7! - 5!.$

5786 $:= 6! + F(8) + 7! + 5$
$:= T(6) + 8!/7 - 5.$

5994 $:= F(4)! \times 9 \times (-9 + 5!)$
$:= T(4 \times 9) \times T(9)/5.$

6024 $:= -F(4)!! + F(20) - F(F(6))$
$:= 4! \times (-2 + T(0! + T(6))).$

6027 $:= 7! + F(2 \times F(06))$
$:= 7 \times T(20 + T(6))$.

6069 $:= 9!/60 + F(F(6))$
$:= 9!/60 + T(6)$.

6174 $:= (T(4!) - 7 + 1) \times T(6)$
$:= F(F(F(4)!)) \times (F(7) + 1) \times F(F(6))$.

6264 $:= (-4! + 6!) \times (F(2) + F(6))$
$:= 4! \times (6!/T(2) + T(6))$.

6324 $:= -F(F(F(4)!))^2 + F(-F(F(3)) + F(F(6)))$
$:= T(4!) \times T(T(T(2))) + 3 + T(6)$.

6336 $:= 6^{3!} - (F(3) + 6)!$
$:= T(63) + T(3) \times 6!$.

6384 $:= 4!!/F(8)! - F(3!) \times 6!$
$:= (4 + T(8 \times 3)) \times T(6)$.

6426 $:= ((F(6) - F(2))! + F(4!))/F(6)$
$:= (6 + T(24)) \times T(6)$.

6435 $:= (5! - 3) \times F(4 + 6)$
$:= (5! - 3) \times T(4 + 6)$.

6444 $:= F(4) \times F(4) \times (-4 + 6!)$
$:= -4! + (4 + 4!) \times T(T(6))$.

6447 $:= (7! + F(4!))/F(F(4)!) + F(F(6))$
$:= (T(7)/4 + T(4!)) \times T(6)$.

6459 $:= 9 \times 5! \times F(4)! - F(F(6))$
$:= T(9) \times (5! + 4!) - T(6)$.

6469 $:= 9 \times 6! + T(4) - T(6)$
$:= 9 \times 6! - F(4) - F(6)$.

6473 $:= 3!! - 7 + F(4)!! \times F(6)$
$:= -T(3)! - 7 + T(4) \times 6!$.

6496 $:= 6! \times 9 + 4! - F(6)$
$:= 6! \times 9 + T(4) + 6$.

6497 $:= F(F(7)) + 9 \times (-4! + 6!)$
$:= 7 \times (T(T(9)) - 4) - 6!$.

6525 $:= -5! \times 2 + F(5!/6)$
$:= T(5) \times (T(T(2) + 5 + T(6)))$.

6549 $:= -9 \times 4! + F(5!/6)$
$:= -T(9) + T(T(4)) \times 5! - 6$.

6594 $:= F(4)!! \times 9 + 5! - 6$
$:= (T(4) + T(9)) \times 5! - 6$.

6642 $:= F(2^4) \times 6 + 6!$
$:= 2 \times T(T(4) \times 6 + T(6))$.

6644 $:= F(4)! \times (F(4) - 6!) + F(F(F(6)))$
$:= T(4) \times (-T(T(4)) + 6!) - 6$.

6648 $:= (F(8) + F(4)!!) \times F(6) + 6!$
$:= T(T(8)) \times T(4) - 6 - 6$.

6699 $:= 9!/(9 \times 6) - F(F(6))$
$:= 9!/(9 \times 6) - T(6)$.

6721 $:= 1 + (F(2) + 7)!/6$
$:= T(1 + T(T(T(2)))) + T(7) \times T(T(6))$.

6726 $:= 6 + (F(2) + 7)!/6$
$:= 6!/T(2) \times T(7) + 6$.

6727 $:= 7 + (F(2) + 7)!/6$
$:= T(7) + T(T(T(T(2)))) + T(7) \times T(T(6))$.

6728 $:= 8 + (F(2) + 7)!/6$
$:= 8 \times (T(T(2)) + 7!)/6$.

6834 $:= -F(4)! + (3!! + 8!)/6$
$:= T(4) \times (T(3)! - T(8)) - 6$.

6867 $:= 7 \times F(F(6)) + 8!/6$
$:= 7 \times T(6) + 8!/6$.

7056 $:= F(6)!/5! \times F(0! + 7)$
$:= T(6!/T(5)) \times (-0! + 7)$.

7227 $:= 7! + (T(T(2))/2)^7$
$:= 7! + F(2 + 2)^7$.

7237 $:= F(7)^3 \times F(2) + 7!$
$:= (7 + T(3))^{T(2)} + 7!$.

7344 $:= (4! + 4!)^{F(3)} + 7!$
$:= 4! \times (-T(4!)/3 + T(T(7)))$.

7353 $:= F(F(F(3!))) - 5 \times 3!! + 7$
$:= 3 \times (T(5) + T(3) \times T(T(7)))$.

7413 $:= F(F(3!)) \times ((1 + 4)! + F(F(7)))$
$:= T(T(3)) \times (T(1 + 4!) + T(7))$.

7455 $:= (5! - 5) \times F(F(F(4)!)) + 7!$
$:= T(5)/5 \times T(T(4) \times 7)$.

7456 $:= (F(6)+5!)/4 \times F(F(7))$
$:= (6! - T(5)) \times T(4) + T(T(7))$.

7472 $:= 2^{F(7)} - (-4+7)!!$
$:= T(T(2)) \times T(T(7)) - 4 + 7!$.

7476 $:= F(F(6)) \times (7^{F(4)} + F(7))$
$:= 6 \times T(7 \times 4) + 7!$.

7495 $:= F((-5+9)!)/F(4)! - F(F(7))$
$:= -5! + T(T(9)) + T(T(T(4))) + 7!$.

7584 $:= 4! + F(8) \times 5! + 7!$
$:= 4 \times T(T(8)) - 5! + 7!$.

7644 $:= (4!+4) \times F(F(6)) \times F(7)$
$:= T(4!+4!) + T(T(6)) \times T(7)$.

7689 $:= (F(9) - F(8-6)) \times F(F(7))$
$:= T(9 \times 8) + T(6) + 7!$.

7728 $:= F(8) \times 2^7 + 7!$
$:= T(8 \times 2 + 7) \times T(7)$.

7874 $:= (4!+7) \times (F(8) + F(F(7)))$
$:= -T(T(T(4))) + 7! - T(T(8)) + 7!$.

7937 $:= 7 + F(3!+9) \times F(7)$
$:= -T(7) + T(3)! + T(T(9)) \times 7$.

7942 $:= -F(2) + F(F(F(4)!)) + F(9) \times F(F(7))$
$:= (-2+4!) \times (-T(9) + T(T(7)))$.

7993 $:= F(F(3!))!/(9+9)! + F(7)$
$:= T(T(3)!/9) + T(97)$.

8344 $:= F(F(4) \times F(4)!) + 3!! \times 8$
$:= 4! + 4 + T(T(T(3))) \times T(8)$.

8396 $:= F(F(F(6))) + F(9) - F(-3 + F(8))$
$:= 6!/9 + T(T(T(3))) \times T(8)$.

8447 $:= -7!/F(F(4)) + F(F(F(4)!)) + F(F(8))$
$:= T(7) \times T(4!) + T(T(4)) - 8$.

8694 $:= F(4!) \times 9/(6 \times 8)$
$:= (4+9) \times 6! - T(T(8))$.

8784 $:= F(4)!! + 8!/(F(7) - 8)$
$:= (T(4!) - 8 \times 7) \times T(8)$.

8786 $:= -6! \times F(8)/7 + F(F(8))$
$:= 6!/T(8) \times T(T(7)) + T(T(8))$.

8856 $:= 6 \times (5 + T(8)) \times T(8)$
$:= F(6) \times (5! + F(8+8))$.

8968 $:= (8! + F(6)!)/9 + 8$
$:= (86 + T(T(9))) \times 8$.

8972 $:= -2 \times F(7+9) + F(F(8))$
$:= T(T(2))! - T(7) + T(T(9)) \times 8$.

9333 $:= F(F(3!))^3 + F(3!) \times 9$
$:= 3 \times (T(3) + 3 \times T(T(9)))$.

9384 $:= F(4!)/(F(8) \times F(3!)) \times F(9)$
$:= -4! + 8 \times T(3 + T(9))$.

9407 $:= F(7) \times (0! + F(4)!!) + F(9)$
$:= T(7) \times (-0! + T(4!)) + T(T(9))$.

9454 $:= -F(F(F(F(4)!))) + (-5! + F(4)!!) \times F(9)$
$:= 4 + T(5 \times 4) \times T(9)$.

9474 $:= -F(4) + F(7) \times (F(4)!! + 9)$
$:= 4! + 7!/4! \times T(9)$.

9657 $:= (F(F(7)) + 5! + 6!) \times 9$
$:= 7!/5! \times T(T(6)) - T(9)$.

9667 $:= F(7) \times (6! + F(F(6))) + F(9)$
$:= T(T(7)) + T(6)^{-6+9}$.

9672 $:= 2 \times (7! - 6 \times F(9))$
$:= (T(2) - T(T(7))) \times (T(6) - T(9))$.

9724 $:= (4! - 2) \times F(7) \times F(9)$
$:= (T(T(T(4))) - T(2)) \times 7 - T(T(9))$.

9744 $:= (F(4!) + F(4!) - 7!)/9$
$:= 4! \times T(T(4! + T(7) - T(9)))$.

2.3. **With Square-Root.**

In this subsection, we shall bring **selfie numbers written in terms of Fibonacci sequence and Triangular numbers** at the same time. The numbers are with used of **basic operations and square-root**. Again, the work is divided in two subsections, one in digit's order and another in reverse order of digits.

2.3.1. ***Digit's Order.***

$$\begin{aligned}\mathbf{84} &:= F(8)\times 4\\ &:= T(\sqrt{T(8)})\times 4.\end{aligned}$$

$$\begin{aligned}\mathbf{189} &:= 1\times F(8)\times 9\\ &:= (1+8)\times T(T(\sqrt{9})).\end{aligned}$$

$$\begin{aligned}\mathbf{378} &:= F(F(3))+F(-7+F(8))\\ &:= T(T(T(3))+\sqrt{T(7)+8}).\end{aligned}$$

$$\begin{aligned}\mathbf{379} &:= F(F(3)\times 7)+F(\sqrt{9})\\ &:= -T(T(3))+T(T(7))-T(\sqrt{9}).\end{aligned}$$

$$\begin{aligned}\mathbf{486} &:= \sqrt{F(4)^8}\times 6\\ &:= \sqrt{T(\sqrt{4})^8}\times 6.\end{aligned}$$

$$\begin{aligned}\mathbf{699} &:= F(F(F(F(6))/\sqrt{9}))\times\sqrt{9}\\ &:= T(T(6))\times\sqrt{9}+T(\sqrt{9}).\end{aligned}$$

$$\begin{aligned}\mathbf{966} &:= F(F(\sqrt{9})\times F(6))-F(F(6))\\ &:= T(9)\times T(6)+T(6).\end{aligned}$$

$$\begin{aligned}\mathbf{987} &:= F(F(\sqrt{9})\times(F(8)-F(7)))\\ &:= -T(T(\sqrt{9}))+(T(8)\times T(7)).\end{aligned}$$

$$\begin{aligned}\mathbf{996} &:= (9+F(F(\sqrt{9})\times F(6)))\\ &:= T(T(9))-T(9)+6.\end{aligned}$$

$$\begin{aligned}\mathbf{1294} &:= F(12)\times 9-\sqrt{4}\\ &:= -1\times 2+T(\sqrt{9})^4.\end{aligned}$$

$$\begin{aligned}\mathbf{1296} &:= F(12)\times(\sqrt{9}+6)\\ &:= T(1+2)^{\sqrt{9}}\times 6.\end{aligned}$$

$$\begin{aligned}\mathbf{1369} &:= (1+36)^{F(\sqrt{9})}\\ &:= 1+(-3+T(T(6)))\times T(\sqrt{9}).\end{aligned}$$

$$\begin{aligned}\mathbf{1398} &:= -F(13)\times(F(\sqrt{9})-8)\\ &:= (-1+T(T(T(3)))+\sqrt{9})\times\sqrt{T(8)}.\end{aligned}$$

$$\begin{aligned}\mathbf{1597} &:= F(1^5+9+7)\\ &:= 1+T((5+\sqrt{9})\times 7).\end{aligned}$$

$$\begin{aligned}\mathbf{1598} &:= 1^5+F(9+8)\\ &:= -T(T(-1+5))+T(T(T(\sqrt{9}))+T(8)).\end{aligned}$$

$$\begin{aligned}\mathbf{1599} &:= F(F(1+5)+9)+F(\sqrt{9})\\ &:= T(1+T(T(-5+9)))+\sqrt{9}.\end{aligned}$$

$$\begin{aligned}\mathbf{1728} &:= (-1+F(7))^{F(\sqrt{2\times 8})}\\ &:= (-1+7^2)\times T(8).\end{aligned}$$

$$\begin{aligned}\mathbf{1847} &:= -1+8\times(-\sqrt{4}+F(F(7)))\\ &:= T(T(1+8))+\sqrt{4}\times T(T(7)).\end{aligned}$$

$$\begin{aligned}\mathbf{1869} &:= F(1\times 8)\times F(F(6)+\sqrt{9})\\ &:= 1\times 8\times T(T(6))+T(T(\sqrt{9})).\end{aligned}$$

$$\begin{aligned}\mathbf{1885} &:= F(1+F(8)-8)\times 5\\ &:= (-1+T(\sqrt{T(8)}+T(\sqrt{T(8)})))\times 5.\end{aligned}$$

$$\begin{aligned}\mathbf{1890} &:= F(1\times 8)\times 90\\ &:= T(-1+T(8))\times\sqrt{9+0}.\end{aligned}$$

$$\begin{aligned}\mathbf{1897} &:= (-1+8\times F(9))\times 7\\ &:= T(-1+T(8))\times\sqrt{9}+7.\end{aligned}$$

$$\begin{aligned}\mathbf{1974} &:= F(1\times 9+7)\times\sqrt{4}\\ &:= T(T(\sqrt{1\times 9}))+T(7+T(T(4))).\end{aligned}$$

$$\begin{aligned}\mathbf{2589} &:= \sqrt{25}+F(F(8)-\sqrt{9})\\ &:= T(2)\times T(5+T(8))+T(\sqrt{9}).\end{aligned}$$

$$\begin{aligned}\mathbf{2594} &:= 2\times 5+F(9\times\sqrt{4})\\ &:= T(T(2))^5/\sqrt{9}+\sqrt{4}.\end{aligned}$$

$$\begin{aligned}\mathbf{2645} &:= (2+F(F(6)))^{\sqrt{4}}\times 5\\ &:= (2+T(6))^{\sqrt{4}}\times 5.\end{aligned}$$

$$\begin{aligned}\mathbf{2646} &:= F(2+6)^{\sqrt{4}}\times 6\\ &:= T(2)\times T(6)\times\sqrt{4}\times T(6).\end{aligned}$$

$$\begin{aligned}\mathbf{2796} &:= F(F(2)\times F(7))\times F(\sqrt{9})\times 6\\ &:= T(2+T(7))\times T(\sqrt{9})+6.\end{aligned}$$

$$\begin{aligned}\mathbf{2797} &:= F(2+F(7))+\sqrt{9^7}\\ &:= T(2+T(7))\times T(\sqrt{9})+7.\end{aligned}$$

$$\begin{aligned}\mathbf{2962} &:= F(2)+\sqrt{9}\times F(F(6)\times 2)\\ &:= T(-2+T(9))+T(T(6)\times T(2)).\end{aligned}$$

$$\begin{aligned}\mathbf{2964} &:= (F(2)+F(F(\sqrt{9})\times F(6)))\times F(4)\\ &:= (-T(2)+T(9\times 6))\times\sqrt{4}.\end{aligned}$$

$$\begin{aligned}\mathbf{3364} &:= (3+F(F(3)+F(6)))^{\sqrt{4}}\\ &:= T(33)\times 6-\sqrt{4}.\end{aligned}$$

$$\begin{aligned}\mathbf{3384} &:= (3+F(-F(F(3))+F(8)))/\sqrt{4}\\ &:= T(3)\times(T(-3+T(8))+T(\sqrt{4})).\end{aligned}$$

$$\begin{aligned}\mathbf{3669} &:= F(-F(3)+F(F(6)))-F(6)^{\sqrt{9}}\\ &:= T(36)+T(T(T(6))/\sqrt{9}).\end{aligned}$$

$$\begin{aligned}\mathbf{3944} &:= (-F(F(3))+F(F(\sqrt{9})^4))\times 4\\ &:= (T(3)+T(T(9))-T(T(4)))\times 4.\end{aligned}$$

$$\begin{aligned}\mathbf{3969} &:= (\sqrt{3\times\sqrt{9}}\times F(F(6)))^{F(\sqrt{9})}\\ &:= T(T(3))\times\sqrt{9}\times T(6)\times\sqrt{9}.\end{aligned}$$

$$\begin{aligned}\mathbf{4179} &:= F(\sqrt{4}+17)-F(\sqrt{9})\\ &:= -T(T(\sqrt{4}))-1+T(T(7+T(\sqrt{9}))).\end{aligned}$$

$$\begin{aligned}\mathbf{4182} &:= (F(\sqrt{4})+F((18+F(2))))\\ &:= T(T(\sqrt{4}))\times(T(1+T(8))-T(T(2))).\end{aligned}$$

$$\begin{aligned}\mathbf{4184} &:= F(4)+F(F(1\times 8)-\sqrt{4})\\ &:= -\sqrt{4}+T(T(1+8+4)).\end{aligned}$$

$$\begin{aligned}\mathbf{4197} &:= F(4)+F(19)+F(7)\\ &:= T(4)+1+T(T(T(\sqrt{9})+7)).\end{aligned}$$

$$\begin{aligned}\mathbf{4373} &:= -F(\sqrt{4})+3^7\times F(3)\\ &:= \sqrt{4}+T((3+T(7))\times 3).\end{aligned}$$

$$\begin{aligned}\mathbf{4394} &:= (T(4)+3)^{\sqrt{9}}\times\sqrt{4}\\ &:= F(4+3)^{\sqrt{9}}\times\sqrt{4}.\end{aligned}$$

$$\begin{aligned}\mathbf{4647} &:= F(-\sqrt{4}+F(F(6)))+\sqrt{4}\times F(F(7))\\ &:= T(T(-T(4)+T(6)))+T(T(\sqrt{4}))\times T(T(7)).\end{aligned}$$

$$\begin{aligned}\mathbf{4768} &:= F(\sqrt{4})+(F(F(7))-6)\times F(8)\\ &:= -T(T(4))-T(7)+T(T(6))\times T(\sqrt{T(8)}).\end{aligned}$$

$$\begin{aligned}\mathbf{4860} &:= \sqrt{F(4)^8}\times 60\\ &:= \sqrt{T(\sqrt{4})^8}\times 60.\end{aligned}$$

$$\begin{aligned}\mathbf{4864} &:= \sqrt{4^8}\times(F(F(6))-\sqrt{4})\\ &:= \sqrt{4^8}\times(T(6)-\sqrt{4}).\end{aligned}$$

$$\begin{aligned}\mathbf{4872} &:= F(\sqrt{4})\times F(8)\times(F(F(7))-F(2))\\ &:= T(\sqrt{4})\times 8\times T(T(7))/2.\end{aligned}$$

$$\begin{aligned}\mathbf{4873} &:= F(\sqrt{4})+F(8)\times(F(F(7))-F(F(3)))\\ &:= (T(\sqrt{4})+T(8)\times T(T(7)))/3.\end{aligned}$$

$$\begin{aligned}\mathbf{4874} &:= \sqrt{4}+F(8)\times(F(F(7))-F(\sqrt{4}))\\ &:= \sqrt{4}\times(T(8)+7^4).\end{aligned}$$

$$\begin{aligned}\mathbf{4878} &:= -\sqrt{4}+8\times F(7+8)\\ &:= (4+8)\times T(T(7))+\sqrt{T(8)}.\end{aligned}$$

$$\begin{aligned}\mathbf{4879} &:= -F(\sqrt{4})+8\times F(F(7)+F(\sqrt{9}))\\ &:= T(T(T(4))-\sqrt{T(8)})+T(T(7))\times 9.\end{aligned}$$

$$\begin{aligned}\mathbf{4887} &:= \sqrt{4}-8+F(8)\times F(F(7))\\ &:= -T(T(\sqrt{4}))+T(T(\sqrt{T(8)}))+T(T(8))\times 7.\end{aligned}$$

$$\begin{aligned}\mathbf{4894} &:= F(4+8)\times F(9)-\sqrt{4}\\ &:= -\sqrt{4}+T(8)\times T(T(\sqrt{9})+T(4)).\end{aligned}$$

$$\begin{aligned}\mathbf{4899} &:= F(4+8)\times F(9)+\sqrt{9}\\ &:= T(T(\sqrt{4}))\times T(T(8))+T(T(9)-\sqrt{9}).\end{aligned}$$

$$\begin{aligned}\mathbf{4945} &:= (\sqrt{4}+F(F(\sqrt{9})^4))\times 5\\ &:= T(T(4))\times 9\times T(4)-5.\end{aligned}$$

$$\begin{aligned}\mathbf{4998} &:= \sqrt{49}\times F(9)\times F(8)\\ &:= (T(T(\sqrt{4}))+T(9))\times 98.\end{aligned}$$

$$\begin{aligned}\mathbf{5184} &:= (51+F(8))^{\sqrt{4}}\\ &:= (\sqrt{5-1}\times T(8))^{\sqrt{4}}.\end{aligned}$$

$$\begin{aligned}\mathbf{5439} &:= F(F(5+F(4)))/F(3)-F(9)\\ &:= (T(5+\sqrt{4})+T(T(T(3))))\times T(T(\sqrt{9})).\end{aligned}$$

$$\begin{aligned}\mathbf{5482} &:= 5+4+F(F(8))/2\\ &:= T(T(T(5)-\sqrt{4}))+T(8)^2.\end{aligned}$$

$$\begin{aligned}\mathbf{5825} &:= F(5+8)\times 25\\ &:= 5\times(T(T(\sqrt{T(8)}))+2)\times 5.\end{aligned}$$

$$\begin{aligned}\mathbf{6939} &:= 6\times F(9)^{F(3)}+\sqrt{9}\\ &:= 6\times T(T(9))+3^{T(\sqrt{9})}.\end{aligned}$$

$$\begin{aligned}\mathbf{6942} &:= 6 \times (F(9)^{\sqrt{4}} + F(2)) \\ &:= 6 \times T(T(\sqrt{9})) \times T(T(4)) + 2.\end{aligned}$$

$$\begin{aligned}\mathbf{7448} &:= (F(F(7)) \times 4 - F(\sqrt{4})) \times 8 \\ &:= T(7) \times (T(4) + \sqrt{4^8}).\end{aligned}$$

$$\begin{aligned}\mathbf{7875} &:= (F(F(7)) - 8) \times 7 \times 5 \\ &:= T(-7 + T(\sqrt{T(8)})) \times 75.\end{aligned}$$

$$\begin{aligned}\mathbf{7889} &:= -7 + 8 \times F(8 \times F(\sqrt{9})) \\ &:= -T(T(7)) + T(8) \times T(T(\sqrt{T(8)})) - T(T(\sqrt{9})).\end{aligned}$$

$$\begin{aligned}\mathbf{7896} &:= (-F(7) + F(8)) \times F(F(\sqrt{9}) \times F(6)) \\ &:= 7 \times T(8 + T(9) - 6).\end{aligned}$$

$$\begin{aligned}\mathbf{7922} &:= F(F(7)) \times F(9 \times 2/2) \\ &:= (T(7) + T(\sqrt{9})) \times (2 + T(T(T(T(2))))).\end{aligned}$$

$$\begin{aligned}\mathbf{7928} &:= F(F(7)) \times F(9) - 2 + 8 \\ &:= -T(7) + (T(T(9) + T(T(2)))) \times \sqrt{T(8)}.\end{aligned}$$

$$\begin{aligned}\mathbf{7959} &:= -F(F(7)) + F(\sqrt{9})^{F(5+F(\sqrt{9}))} \\ &:= (T(7) + T(T(T(\sqrt{9})) + 5)) \times T(T(\sqrt{9})).\end{aligned}$$

$$\begin{aligned}\mathbf{7994} &:= (F(F(7)) + F(\sqrt{9})) \times F(9) + 4 \\ &:= \sqrt{T(T(7)) - T(\sqrt{9})^{\sqrt{9}}} - T(T(\sqrt{4})).\end{aligned}$$

$$\begin{aligned}\mathbf{7995} &:= (F(F(7)) + F(\sqrt{9})) \times F(9) + 5 \\ &:= \sqrt{T(T(7)) - T(\sqrt{9})^{\sqrt{9}}} - 5.\end{aligned}$$

$$\begin{aligned}\mathbf{7998} &:= (F(F(7)) + F(\sqrt{9})) \times F(9) + 8 \\ &:= (T(7 + T(9)) - T(9)) \times \sqrt{T(8)}.\end{aligned}$$

$$\begin{aligned}\mathbf{8213} &:= F(8) + 2^{13} \\ &:= T(\sqrt{T(8)}) + 2^{13}.\end{aligned}$$

$$\begin{aligned}\mathbf{8294} &:= (F(F(8) - 2) - F(9)) \times \sqrt{4} \\ &:= 8 \times (2 + T(T(9))) - \sqrt{4}.\end{aligned}$$

$$\begin{aligned}\mathbf{8364} &:= F(F(8)) - F(3 \times 6) + \sqrt{4} \\ &:= -T(T(8)) - T(T(T(3))) + T(6)^{T(\sqrt{4})}.\end{aligned}$$

$$\begin{aligned}\mathbf{8400} &:= F(8) \times 400 \\ &:= T(\sqrt{T(8)}) \times 400.\end{aligned}$$

$$\begin{aligned}\mathbf{8464} &:= (84 + F(6))^{\sqrt{4}} \\ &:= (8 + 4 \times T(6))^{\sqrt{4}}.\end{aligned}$$

$$\begin{aligned}\mathbf{8749} &:= (T(T(8)) + 7) \times (4 + 9) \\ &:= F(F(8)) - F(7)^{\sqrt{F(4) \times \sqrt{9}}}.\end{aligned}$$

$$\begin{aligned}\mathbf{8820} &:= F(8) \times F(8) \times 20 \\ &:= (T(8) + \sqrt{T(8)}) \times T(20).\end{aligned}$$

$$\begin{aligned}\mathbf{8883} &:= F(8 + 8) \times (8 + F(F(3))) \\ &:= -T(\sqrt{T(8)} + T(\sqrt{T(8)})) + T(\sqrt{T(8)})^3.\end{aligned}$$

$$\begin{aligned}\mathbf{8898} &:= F(F(8)) - 8 \times F(\sqrt{9})^8 \\ &:= T(T(8)) + (-\sqrt{T(8)} + T(T(9))) \times 8.\end{aligned}$$

$$\begin{aligned}\mathbf{9259} &:= -F(\sqrt{9}) + F(F(F(2) + 5))^{\sqrt{9}} \\ &:= T(T(\sqrt{9}))^{T(2)} - 5 + \sqrt{9}.\end{aligned}$$

$$\begin{aligned}\mathbf{9261} &:= F(9 - F(2))^{\sqrt{F(6)+1}} \\ &:= T(T(\sqrt{9}))^{\sqrt{2+6+1}}.\end{aligned}$$

$$\begin{aligned}\mathbf{9263} &:= F(\sqrt{9}) + F(2 + 6)^3 \\ &:= T(\sqrt{9})/T(2) + T(6)^3.\end{aligned}$$

$$\begin{aligned}\mathbf{9264} &:= \sqrt{9} + F(2 + 6)^{F(4)} \\ &:= 9/T(2) + T(6)^{T(\sqrt{4})}.\end{aligned}$$

$$\begin{aligned}\mathbf{9269} &:= 9 - F(2) + F(F(6))^{\sqrt{9}} \\ &:= T(\sqrt{9}) + 2 + T(6)^{\sqrt{9}}.\end{aligned}$$

$$\begin{aligned}\mathbf{9348} &:= -F(F(9)/F(3)) - F(\sqrt{4}) + F(F(8)) \\ &:= (\sqrt{9} \times T(3) + T(T(T(4)))) \times \sqrt{T(8)}.\end{aligned}$$

$$\begin{aligned}\mathbf{9375} &:= \sqrt{9} \times (-F(3) + 7)^5 \\ &:= \sqrt{9} \times \sqrt{(-3 + T(7))^5}.\end{aligned}$$

$$\begin{aligned}\mathbf{9576} &:= F(\sqrt{9}) \times (-5 + F(F(7))) \times F(F(6)) \\ &:= T(\sqrt{9}) \times T(5 \times 7 + T(6)).\end{aligned}$$

$$\begin{aligned}\mathbf{9648} &:= -F(\sqrt{9}) - 6^4 + F(F(8)) \\ &:= (T(9) \times 6 - \sqrt{4}) \times T(8).\end{aligned}$$

$$\begin{aligned}\mathbf{9789} &:= F(\sqrt{9})^{F(7)} + F(8 + 9) \\ &:= \sqrt{9} \times T(T(7)) \times 8 + T(9).\end{aligned}$$

2.3.2. ***Reverse Order of Digits.***

$$\begin{aligned}\mathbf{84} &:= 4 \times F(8)\\ &:= 4 \times T(\sqrt{T(8)}).\end{aligned}$$

$$\begin{aligned}\mathbf{189} &:= 9 \times F(8 \times 1)\\ &:= 9 \times T(T(\sqrt{8+1})).\end{aligned}$$

$$\begin{aligned}\mathbf{378} &:= F(F(8)-7)+F(F(3))\\ &:= T(\sqrt{T(8)}+7 \times 3).\end{aligned}$$

$$\begin{aligned}\mathbf{379} &:= F(\sqrt{9})+F(7 \times F(3))\\ &:= -T(\sqrt{9})+T(T(7))-T(T(3)).\end{aligned}$$

$$\begin{aligned}\mathbf{438} &:= F(8)^{F(3)}-F(4)\\ &:= T(8+T(T(3)))+T(\sqrt{4}).\end{aligned}$$

$$\begin{aligned}\mathbf{648} &:= 8 \times \sqrt{F(4)^{F(6)}}\\ &:= T(8) \times T(\sqrt{4}) \times 6.\end{aligned}$$

$$\begin{aligned}\mathbf{699} &:= \sqrt{9} \times F(F(9)-F(F(6)))\\ &:= T(\sqrt{9})+\sqrt{9} \times T(T(6)).\end{aligned}$$

$$\begin{aligned}\mathbf{966} &:= -F(F(6))+F(F(6) \times F(\sqrt{9}))\\ &:= (T(6)+(T(6) \times T(9))).\end{aligned}$$

$$\begin{aligned}\mathbf{987} &:= F((-F(7)+F(8)) \times F(\sqrt{9}))\\ &:= T(7) \times T(8)-T(T(\sqrt{9})).\end{aligned}$$

$$\begin{aligned}\mathbf{996} &:= F(F(6) \times F(\sqrt{9}))+9\\ &:= 6+T(T(9))-T(9).\end{aligned}$$

$$\begin{aligned}\mathbf{0142} &:= -2+F(\sqrt{4}+10)\\ &:= T(T(2))+T(T(T(\sqrt{4}))+10).\end{aligned}$$

$$\begin{aligned}\mathbf{0174} &:= -4+F(F(7))-F(10)\\ &:= T(\sqrt{4})+T(T(7)-10).\end{aligned}$$

$$\begin{aligned}\mathbf{0189} &:= 9 \times F(8 \times 1+0)\\ &:= \sqrt{9} \times (8+T(10)).\end{aligned}$$

$$\begin{aligned}\mathbf{0199} &:= F(9)+\sqrt{9} \times F(10)\\ &:= 9+T(9+10).\end{aligned}$$

$$\begin{aligned}\mathbf{0347} &:= F(7 \times \sqrt{4})-30\\ &:= T(T(7)) \times \sqrt{4}-T(30).\end{aligned}$$

$$\begin{aligned}\mathbf{0379} &:= F(\sqrt{9})+F(7 \times F(3+0))\\ &:= \sqrt{9}+T(T(7))-30.\end{aligned}$$

$$\begin{aligned}\mathbf{1293} &:= F(F(3) \times 9)/2+1\\ &:= -3+T(\sqrt{9})^{T(2)+1}.\end{aligned}$$

$$\begin{aligned}\mathbf{1598} &:= F(8+9)+F(\sqrt{5-1})\\ &:= T(T(8)+T(T(\sqrt{9})))-T(T(5-1)).\end{aligned}$$

$$\begin{aligned}\mathbf{1599} &:= F(\sqrt{9})+F(9+F(5+1))\\ &:= \sqrt{9}+T(T(T(9-5))+1).\end{aligned}$$

$$\begin{aligned}\mathbf{1847} &:= (F(F(7))-\sqrt{4}) \times 8-1\\ &:= T(T(7)) \times \sqrt{4}+T(T(8+1)).\end{aligned}$$

$$\begin{aligned}\mathbf{1864} &:= (\sqrt{4}+6) \times F(F(8-1))\\ &:= (\sqrt{4}+T(T(6))) \times 8 \times 1.\end{aligned}$$

$$\begin{aligned}\mathbf{1869} &:= F(\sqrt{9}+F(6)) \times F(8 \times 1)\\ &:= T(T(\sqrt{9}))+T(T(6)) \times 8 \times 1.\end{aligned}$$

$$\begin{aligned}\mathbf{1897} &:= 7 \times (F(9) \times 8-1)\\ &:= 7+\sqrt{9} \times T(T(8)-1).\end{aligned}$$

$$\begin{aligned}\mathbf{1974} &:= \sqrt{4} \times F(7+9 \times 1)\\ &:= T(T(T(4)))+T(T(7))+T(T(\sqrt{9})+1).\end{aligned}$$

$$\begin{aligned}\mathbf{2197} &:= F(7)^{9/(1+2)}\\ &:= (7+T(\sqrt{9}))^{1+2}.\end{aligned}$$

$$\begin{aligned}\mathbf{2589} &:= F(-\sqrt{9}+F(8))+\sqrt{5^2}\\ &:= \sqrt{9} \times T(T(8)+5)+T(T(2)).\end{aligned}$$

$$\begin{aligned}\mathbf{2594} &:= F(\sqrt{4} \times 9)+5 \times 2\\ &:= \sqrt{4}+T(\sqrt{9})^5/T(2).\end{aligned}$$

$$\begin{aligned}\mathbf{2646} &:= 6 \times F(\sqrt{4}+6)^2\\ &:= T(6)^{\sqrt{4}} \times T(6/2).\end{aligned}$$

$$\begin{aligned}\mathbf{2797} &:= (F(7)-F(F(\sqrt{9}))) \times F(F(7))+F(2)\\ &:= (T(T(7))-T(\sqrt{9})) \times 7-T(2).\end{aligned}$$

$$\begin{aligned}\mathbf{2798} &:= (F(8)-9) \times F(F(7))+2\\ &:= (8+T(\sqrt{9}) \times T(T(7)+2)).\end{aligned}$$

$$\mathbf{2889} := -F(-\sqrt{9}+F(8))+F(F(8))/2$$
$$:= (T(T(9))-T(8)-T(8))\times T(2).$$

$$\mathbf{2961} := F(16)\times\sqrt{9}\times F(2)$$
$$:= (T(T(-1+6))+T(T(\sqrt{9})))\times T(T(T(2))).$$

$$\mathbf{2962} := F(2\times F(6))\times\sqrt{9}+F(2)$$
$$:= T(T(2)\times T(6))+T(T(9)-2).$$

$$\mathbf{2964} := F(4)\times(F(F(6)\times F(\sqrt{9}))+F(2))$$
$$:= \sqrt{4}\times(T(6\times 9)-T(2)).$$

$$\mathbf{2977} := F(7)\times(F(F(7))-\sqrt{9}-F(2))$$
$$:= 7\times T(T(7))+T(9)\times T(2).$$

$$\mathbf{3647} := (-7+\sqrt{4}+F(F(F(6))))/3$$
$$:= T(T(7)\times T(\sqrt{4}))+T(T(6))/3.$$

$$\mathbf{3669} := F(-F(\sqrt{9})+F(F(6)))-F(6)^3$$
$$:= T(T(\sqrt{9})\times 6)+T(T(T(6))/3).$$

$$\mathbf{3993} := (F(3)+9)^{\sqrt{9}}\times 3$$
$$:= -T(3\times 9)+T(93).$$

$$\mathbf{3999} := (9+F(9))\times 93$$
$$:= T(\sqrt{9})\times T(T(9)-9)+3.$$

$$\mathbf{4179} := -F(\sqrt{9})+F(F(7+1)-\sqrt{4})$$
$$:= T(T(T(\sqrt{9})+7))-1-T(T(\sqrt{4})).$$

$$\mathbf{4182} := F(2)+F(F(8)-\sqrt{1\times 4})$$
$$:= (-T(T(2))+T(T(8)+1))\times T(T(\sqrt{4})).$$

$$\mathbf{4184} := F(4)+F(F(8)-\sqrt{1\times 4})$$
$$:= -\sqrt{4}+T(T(8+1+4)).$$

$$\mathbf{4356} := (65+F(F(3)))^{\sqrt{4}}$$
$$:= ((6+5)\times T(3))^{\sqrt{4}}.$$

$$\mathbf{4373} := 3^7\times F(3)-F(\sqrt{4})$$
$$:= T((3+T(7))\times 3)+\sqrt{4}.$$

$$\mathbf{4397} := F(7)^{\sqrt{9}}\times F(3)+F(4)$$
$$:= T(7)+T(93)-\sqrt{4}.$$

$$\mathbf{4647} := F(F(7))\times\sqrt{4}+F(F(F(6))-\sqrt{4})$$
$$:= T(T(7))\times T(T(\sqrt{4}))+T(T(T(6)-T(4))).$$

$$\mathbf{4768} := F(8)\times(-6+F(F(7)))+F(\sqrt{4})$$
$$:= T(\sqrt{T(8)})\times T(T(6))-T(7)-T(T(4)).$$

$$\mathbf{4796} := -6+F(\sqrt{9})\times 7^4$$
$$:= T(6)\times T(\sqrt{9}\times 7)-T(T(4)).$$

$$\mathbf{4799} := -\sqrt{9}+F(\sqrt{9})\times 7^4$$
$$:= -9+T(97)+T(T(4)).$$

$$\mathbf{4847} := (F(F(7))-\sqrt{4})\times F(8)-4$$
$$:= T(T(7)^{\sqrt{4}}/8)-4.$$

$$\mathbf{4864} := \sqrt{4}^{F(6)}\times(F(8)-\sqrt{4})$$
$$:= (T(T(4))+T(6))\times\sqrt{8^4}.$$

$$\mathbf{4873} := (3+T(T(7))\times T(8))/T(\sqrt{4})$$
$$:= (-F(F(3))+F(F(7)))\times F(8)+F(\sqrt{4}).$$

$$\mathbf{4876} := F(6)\times F(7+8)-4$$
$$:= (T(T(6)+T(7))-\sqrt{T(8)})\times 4.$$

$$\mathbf{4878} := 8\times F(7+8)-\sqrt{4}$$
$$:= \sqrt{T(8)}\times(-7+T(T(8)+4)).$$

$$\mathbf{4892} := F(F(-2+9))\times F(8)-F(\sqrt{4})$$
$$:= -T(T(T(2)))+(9+8)^{T(\sqrt{4})}.$$

$$\mathbf{4893} := -3+F(9)\times F(8+4)$$
$$:= T(T(T(3)))\times T(T(\sqrt{9}))+T(8)+T(T(\sqrt{4})).$$

$$\mathbf{4894} := -\sqrt{4}+F(9)\times F(8+4)$$
$$:= (T(T(4)+T(\sqrt{9})))\times T(8)-\sqrt{4}.$$

$$\mathbf{4895} := F(5\times F(\sqrt{9}))\times F(8+F(4))$$
$$:= (5^{\sqrt{9}}-T(8))\times T(T(4)).$$

$$\mathbf{4899} := \sqrt{9}+F(9)\times F(8+4)$$
$$:= T(9)+T(98)+T(\sqrt{4}).$$

$$\mathbf{4913} := (-F(3)+19)^{F(4)}$$
$$:= (T(T(3))-1-\sqrt{9})^{T(\sqrt{4})}.$$

$$\mathbf{4998} := F(8)\times F(9)\times(9-\sqrt{4})$$
$$:= T(T(8))/T(\sqrt{9})\times T(9)+T(\sqrt{4}).$$

$$\mathbf{5428} := F(F(8))/2-45$$
$$:= (T(\sqrt{T(8)})+2)\times(T(T(T(T(\sqrt{4}))))+5).$$

$$\mathbf{5825} := 5^2 \times F(8+5)$$
$$:= 5 \times (2 + T(T(\sqrt{T(8)}))) \times 5.$$

$$\mathbf{6394} := 4 \times F(F(9)/F(3)) + 6$$
$$:= T(T(T(4))) + \sqrt{9} + T(T(3)) \times T(T(6)).$$

$$\mathbf{7448} := 8 \times (-F(\sqrt{4}) + 4 \times F(F(7)))$$
$$:= (T(T(\sqrt{T(8)}) + \sqrt{4}) - T(4)) \times T(7).$$

$$\mathbf{7458} := 85^{\sqrt{4}} + F(F(7))$$
$$:= (T(T(\sqrt{T(8)})) - 5) \times T(T(T(T(\sqrt{4}))))/7.$$

$$\mathbf{7889} := F(F(\sqrt{9}) \times 8) \times 8 - 7$$
$$:= T(T(T(\sqrt{9}))) \times T(8) - T(\sqrt{T(8)}) - T(T(7)).$$

$$\mathbf{7949} := 9 \times F(4) + F(9) \times F(F(7))$$
$$:= T(\sqrt{9}) \times T(T(T(\sqrt{4})) + T(9)) - 7.$$

$$\mathbf{7959} := F(\sqrt{9})^{F(5+F(\sqrt{9}))} - F(F(7))$$
$$:= T(T(\sqrt{9})) \times (T(T(5)) + T(T(T(\sqrt{9}))) + T(7)).$$

$$\mathbf{7992} := 2 + F(9) \times (F(\sqrt{9}) + F(F(7)))$$
$$:= T(T(2))^{\sqrt{9}} \times (9 + T(7)).$$

$$\mathbf{7995} := 5 + F(9) \times (F(\sqrt{9}) + F(F(7)))$$
$$:= T(T(5)) - T(9) \times (T(T(T(\sqrt{9}))) - T(T(7))).$$

$$\mathbf{7998} := 8 + F(9) \times (F(\sqrt{9}) + F(F(7)))$$
$$:= \sqrt{T(8)} \times (-T(9) + T(T(9) + 7)).$$

$$\mathbf{8364} := \sqrt{4} - F(6 \times 3) + F(F(8))$$
$$:= T(T(\sqrt{4})) \times (T(T(6)) \times T(3) + 8).$$

$$\mathbf{8898} := F(F(8)) - F(\sqrt{9})^8 \times 8$$
$$:= (-\sqrt{T(8)} + T(T(9))) \times 8 + T(T(8)).$$

$$\mathbf{9216} := (F(6) \times 12)^{F(\sqrt{9})}$$
$$:= T(6)^{1+2} - T(9).$$

$$\mathbf{9258} := F(8)^{5-2} - \sqrt{9}$$
$$:= (T(8) - T(5))^{T(2)} - \sqrt{9}.$$

$$\mathbf{9259} := -F(\sqrt{9}) + F(F(5 + F(2)))^{\sqrt{9}}$$
$$:= \sqrt{9} - 5 + T(T(T(2)))^{\sqrt{9}}.$$

$$\mathbf{9261} := F(16/2)^{\sqrt{9}}$$
$$:= ((1+6) \times T(2))^{\sqrt{9}}.$$

$$\mathbf{9262} := F(2) + F(6+2)^{\sqrt{9}}$$
$$:= -2 + T(6)^{T(2)} + \sqrt{9}.$$

$$\mathbf{9264} := F(4) + F(6+2)^{\sqrt{9}}$$
$$:= T(\sqrt{4}) + T(6)^{\sqrt{T(2) \times \sqrt{9}}}.$$

$$\mathbf{9375} := 5^{7-F(3)} \times \sqrt{9}$$
$$:= 5^{\sqrt{T(7)-3}} \times \sqrt{9}.$$

$$\mathbf{9477} := F(7) \times (F(7) - 4)^{\sqrt{9}}$$
$$:= T(7) \times T(T(7)) - T(T(T(4)) + T(\sqrt{9})).$$

$$\mathbf{9576} := F(F(6)) \times (F(F(7)) - 5) \times F(\sqrt{9})$$
$$:= 6 \times T(7 \times (5 + \sqrt{9})).$$

$$\mathbf{9789} := (F(9) + 8) \times F(F(7)) + \sqrt{9}$$
$$:= \sqrt{9} \times 8 \times T(T(7)) + T(9).$$

2.4. **With Factorial and Square-Root.**

In this subsection, we shall bring **selfie numbers written in terms of Fibonacci sequence and Triangular numbers** at the same time. The numbers are with used of **basic operations, factorial and square-root**. Again, the work is divided in two subsections, one in digit's order and another in reverse order of digits.

2.4.1. ***Digit's Order.***

$$\mathbf{720} := (7 - F(2))! + 0 = T(\sqrt{7+2})! + 0.$$
$$\mathbf{721} := (7 - F(2))! + 1 = T(\sqrt{7+2})! + 1.$$
$$\mathbf{722} := (7 - F(2))! + 2 = T(\sqrt{7+2})! + 2.$$
$$\mathbf{723} := (7 - F(2))! + 3 = T(\sqrt{7+2})! + 3.$$
$$\mathbf{724} := (7 - F(2))! + 4 = T(\sqrt{7+2})! + 4.$$
$$\mathbf{725} := (7 - F(2))! + 5 = T(\sqrt{7+2})! + 5.$$
$$\mathbf{726} := (7 - F(2))! + 6 = T(\sqrt{7+2})! + 6.$$
$$\mathbf{727} := (7 - F(2))! + 7 = T(\sqrt{7+2})! + 7.$$
$$\mathbf{728} := (7 - F(2))! + 8 = T(\sqrt{7+2})! + 8.$$
$$\mathbf{729} := (7 - F(2))! + 9 = T(\sqrt{7+2})! + 9.$$

$$\mathbf{4350} := F(4)! \times (3!! + 5) + 0 = T(T(\sqrt{4})) \times (T(3)! + 5) + 0.$$
$$\mathbf{4351} := F(4)! \times (3!! + 5) + 1 = T(T(\sqrt{4})) \times (T(3)! + 5) + 1.$$
$$\mathbf{4352} := F(4)! \times (3!! + 5) + 2 = T(T(\sqrt{4})) \times (T(3)! + 5) + 2.$$
$$\mathbf{4353} := F(4)! \times (3!! + 5) + 3 = T(T(\sqrt{4})) \times (T(3)! + 5) + 3.$$
$$\mathbf{4354} := F(4)! \times (3!! + 5) + 4 = T(T(\sqrt{4})) \times (T(3)! + 5) + 4.$$
$$\mathbf{4355} := F(4)! \times (3!! + 5) + 5 = T(T(\sqrt{4})) \times (T(3)! + 5) + 5.$$
$$\mathbf{4356} := F(4)! \times (3!! + 5) + 6 = T(T(\sqrt{4})) \times (T(3)! + 5) + 6.$$
$$\mathbf{4357} := F(4)! \times (3!! + 5) + 7 = T(T(\sqrt{4})) \times (T(3)! + 5) + 7.$$
$$\mathbf{4358} := F(4)! \times (3!! + 5) + 8 = T(T(\sqrt{4})) \times (T(3)! + 5) + 8.$$
$$\mathbf{4359} := F(4)! \times (3!! + 5) + 9 = T(T(\sqrt{4})) \times (T(3)! + 5) + 9.$$

$$\mathbf{5490} := F(5 \times F(4)) \times 9 + 0 = (5! + \sqrt{4}) \times T(9) + 0.$$
$$\mathbf{5491} := F(5 \times F(4)) \times 9 + 1 = (5! + \sqrt{4}) \times T(9) + 1.$$
$$\mathbf{5492} := F(5 \times F(4)) \times 9 + 2 = (5! + \sqrt{4}) \times T(9) + 2.$$
$$\mathbf{5493} := F(5 \times F(4)) \times 9 + 3 = (5! + \sqrt{4}) \times T(9) + 3.$$
$$\mathbf{5494} := F(5 \times F(4)) \times 9 + 4 = (5! + \sqrt{4}) \times T(9) + 4.$$
$$\mathbf{5495} := F(5 \times F(4)) \times 9 + 5 = (5! + \sqrt{4}) \times T(9) + 5.$$
$$\mathbf{5496} := F(5 \times F(4)) \times 9 + 6 = (5! + \sqrt{4}) \times T(9) + 6.$$
$$\mathbf{5497} := F(5 \times F(4)) \times 9 + 7 = (5! + \sqrt{4}) \times T(9) + 7.$$
$$\mathbf{5498} := F(5 \times F(4)) \times 9 + 8 = (5! + \sqrt{4}) \times T(9) + 8.$$
$$\mathbf{5499} := F(5 \times F(4)) \times 9 + 9 = (5! + \sqrt{4}) \times T(9) + 9.$$

$$\mathbf{42} := F(F(F(4)!)) \times 2$$
$$:= \sqrt{4} \times T(T(T(2))).$$

$$\mathbf{48} := F(4)! \times 8$$
$$:= T(T(\sqrt{4})) \times 8.$$

$$\mathbf{199} := F(F(1 + (\sqrt{9})!)) - F(9)$$
$$:= T(19) + 9.$$

$$\mathbf{239} := -F(2) + 3!!/\sqrt{9}$$
$$:= (-T(2) + T(3)!)/\sqrt{9}.$$

$$\mathbf{247} := (-2 + F(F(F(4)!))) \times F(7)$$
$$:= T(T(2))!/T(\sqrt{4}) + 7.$$

$$\mathbf{284} := \sqrt{2 \times (8! + F(F(4)!))}$$
$$:= -2 \times 8 + T(4!).$$

$$\mathbf{297} := 2^{(\sqrt{9})!} + F(F(7))$$
$$:= -T(2) + T((\sqrt{9+7})!).$$

$$\mathbf{364} := (F(3!) + 6!)/\sqrt{4}$$
$$:= -T(T(T(3))) + T(-T(6) + T(T(4))).$$

$$\mathbf{369} := -F(3!) + F(F(6) + (\sqrt{9})!)$$
$$:= -T(36) + T(T(9)).$$

$$\mathbf{374} := (T(3)! + T(7))/\sqrt{4}$$
$$:= -3 + F(7 \times \sqrt{4}).$$

$$\mathbf{398} := F(F(3!)) + F((\sqrt{9})! + 8)$$
$$:= T(T(T(T(3))/\sqrt{9})) - 8.$$

$$\mathbf{399} := (F(F(3!)) - F(\sqrt{9})) \times F(F((\sqrt{9})!))$$
$$:= -T(3) + 9 \times T(9).$$

$$\mathbf{438} := -F(4) + F(F(3!)) \times F(8)$$
$$:= T(4! \times 3)/\sqrt{T(8)}.$$

$$\mathbf{439} := -\sqrt{4} + F(F(3!))^{F(\sqrt{9})}$$
$$:= -\sqrt{4} + T(T(3)) \times T(T(\sqrt{9})).$$

$$\mathbf{440} := F(F(F(4)!))^{\sqrt{4}} - 0!$$
$$:= T(T(T(\sqrt{4})))^{\sqrt{4}} - 0!.$$

$$\mathbf{441} := F(F(F(4)!))^{F(4-1)}$$
$$:= T(T(T(\sqrt{4})))^{\sqrt{4 \times 1}}.$$

$$\mathbf{442} := T(T(T(4)) - 4)/T(2)$$
$$:= F(F(F(4)!))^{\sqrt{4}} + F(2).$$

$$\mathbf{443} := F(F(F(4)!))^{\sqrt{4}} + F(3)$$
$$:= \sqrt{4} + T(T(T(\sqrt{4}))) \times T(T(3)).$$

$$\begin{aligned}\mathbf{444} &:= F(F(F(4)!))^{\sqrt{4}} + F(4)\\ &:= T(T(\sqrt{4})) \times 4! + T(4!).\end{aligned}$$

$$\begin{aligned}\mathbf{447} &:= F(4)!! - F(F(F(4)!)) \times F(7)\\ &:= T(4!) + T(T(T(\sqrt{4}))) \times 7.\end{aligned}$$

$$\begin{aligned}\mathbf{449} &:= F(F((F(4))!))^{\sqrt{4}} + F((\sqrt{9})!)\\ &:= -T(T(4)) + 4! \times T(T(\sqrt{9})).\end{aligned}$$

$$\begin{aligned}\mathbf{459} &:= 4 \times 5! - F(F((\sqrt{9})!))\\ &:= T(\sqrt{4} + T(5)) \times \sqrt{9}.\end{aligned}$$

$$\begin{aligned}\mathbf{464} &:= -\sqrt{4^{F(6)}} + F(4)!!\\ &:= \sqrt{4} \times T(T(6)) + \sqrt{4}.\end{aligned}$$

$$\begin{aligned}\mathbf{474} &:= (4 + F(F(7))) \times \sqrt{4}\\ &:= (-T(4!) + 7!)/T(4).\end{aligned}$$

$$\begin{aligned}\mathbf{480} &:= 4! \times (F(8) - 0!)\\ &:= 4 \times (\sqrt{T(8)} - 0!)!.\end{aligned}$$

$$\begin{aligned}\mathbf{483} &:= (\sqrt{4} + F(8)) \times F(F(3!))\\ &:= (\sqrt{4} + T(\sqrt{T(8)})) \times T(T(3)).\end{aligned}$$

$$\begin{aligned}\mathbf{487} &:= (4!/8)!! - F(F(7))\\ &:= \sqrt{T(\sqrt{4})^8} + T(T(7)).\end{aligned}$$

$$\begin{aligned}\mathbf{496} &:= -F(F(4)!) + 9!/6!\\ &:= T(4 + \sqrt{\sqrt{9^6}}).\end{aligned}$$

$$\begin{aligned}\mathbf{497} &:= 4! \times F(F((\sqrt{9})!)) - 7\\ &:= T(4 + 9) + T(T(7)).\end{aligned}$$

$$\begin{aligned}\mathbf{589} &:= F(5!/8) - F(F((\sqrt{9})!))\\ &:= T(5 \times 8) - T(T(T(\sqrt{9}))).\end{aligned}$$

$$\begin{aligned}\mathbf{594} &:= -5! + (\sqrt{9})!! - F(4)!\\ &:= -5! + T(\sqrt{9})! - T(T(\sqrt{4})).\end{aligned}$$

$$\begin{aligned}\mathbf{648} &:= (-6 + 4!) \times T(8)\\ &:= F(6) \times \sqrt{F(4)^8}.\end{aligned}$$

$$\begin{aligned}\mathbf{664} &:= -F(6)!/6! + F(4)!!\\ &:= T(6 \times 6) - \sqrt{4}.\end{aligned}$$

$$\begin{aligned}\mathbf{696} &:= 6! - \sqrt{9} \times F(6)\\ &:= 6! - T(9) + T(6).\end{aligned}$$

$$\begin{aligned}\mathbf{699} &:= -F(F(6)) + (9 - \sqrt{9})!\\ &:= -T(6) + (9 - \sqrt{9})!.\end{aligned}$$

$$\begin{aligned}\mathbf{714} &:= (7 - 1)! - F(4)!\\ &:= (7 - 1)! - T(T(\sqrt{4})).\end{aligned}$$

$$\begin{aligned}\mathbf{734} &:= F(7) + 3!! + F(\sqrt{4})\\ &:= -7 + T(T(3)) + T(T(\sqrt{4}))!.\end{aligned}$$

$$\begin{aligned}\mathbf{739} &:= F(7) + 3!! + (\sqrt{9})!\\ &:= T(7) + T(3)! - 9.\end{aligned}$$

$$\begin{aligned}\mathbf{746} &:= F(7) \times \sqrt{4} + 6!\\ &:= T(7) - \sqrt{4} + 6!.\end{aligned}$$

$$\begin{aligned}\mathbf{840} &:= F(8) \times 40\\ &:= (\sqrt{T(8)})! + (4 + 0!)!.\end{aligned}$$

$$\begin{aligned}\mathbf{846} &:= F(8) \times F(4)! + 6!\\ &:= T(\sqrt{T(8)}) \times T(T(\sqrt{4})) + 6!.\end{aligned}$$

$$\begin{aligned}\mathbf{945} &:= F(F((\sqrt{9})!)) \times 45\\ &:= \sqrt{9} \times (T(4!) + T(5)).\end{aligned}$$

$$\begin{aligned}\mathbf{979} &:= F(9 + 7) - F((\sqrt{9})!)\\ &:= T(T(T(\sqrt{9}))) + T(7) + T(\sqrt{9})!.\end{aligned}$$

$$\begin{aligned}\mathbf{984} &:= -\sqrt{9} + F(8 \times \sqrt{4})\\ &:= T(\sqrt{9})! - T(8) + T(4!).\end{aligned}$$

$$\begin{aligned}\mathbf{993} &:= (\sqrt{9})! + F(F(\sqrt{9}) \times F(3!))\\ &:= T(T(9)) - T(9) + 3.\end{aligned}$$

$$\begin{aligned}\mathbf{995} &:= F((\sqrt{9})!) + F(F(F((\sqrt{9})!)) - 5)\\ &:= T(T(9)) - T(9) + 5.\end{aligned}$$

$$\begin{aligned}\mathbf{1089} &:= (-1 + F(0! + 8))^{F(\sqrt{9})}\\ &:= (1 + (-0! + \sqrt{T(8)})!) \times 9.\end{aligned}$$

$$\begin{aligned}\mathbf{1149} &:= F(11) \times F(F(F(4)!)) - (\sqrt{9})!!\\ &:= 114 + T(T(9)).\end{aligned}$$

$$\begin{aligned}\mathbf{1299} &:= F(12) \times 9 + \sqrt{9}\\ &:= 12!/9! - T(T(\sqrt{9})).\end{aligned}$$

$$\begin{aligned}\mathbf{1359} &:= -1 + F(3!) \times 5 \times F(9)\\ &:= T(13) \times T(5) - T(\sqrt{9}).\end{aligned}$$

$$\begin{aligned}\mathbf{1379} &:= -1+(-3+F(F(7)))\times(\sqrt{9})!\\ &:= 1+T(T(3+7)-\sqrt{9}).\end{aligned}$$

$$\begin{aligned}\mathbf{1394} &:= F(13)\times(\sqrt{9})!-4\\ &:= -1+3\times T(\sqrt{9}\times T(4)).\end{aligned}$$

$$\begin{aligned}\mathbf{1428} &:= F(1+F(F(4)!))\times 2\times F(8)\\ &:= (T(1+T(4))+2)\times T(\sqrt{T(8)}).\end{aligned}$$

$$\begin{aligned}\mathbf{1433} &:= -1-F(4)!+3!!+3!!\\ &:= -1+\sqrt{4}\times T(3)!-T(3).\end{aligned}$$

$$\begin{aligned}\mathbf{1440} &:= \sqrt{1\times 4}\times F(4+0)!!\\ &:= \sqrt{1\times 4}\times T(4-0!)!.\end{aligned}$$

$$\begin{aligned}\mathbf{1443} &:= F(1\times 4)+\sqrt{4}\times 3!!\\ &:= -1+4+\sqrt{4}\times T(3)!.\end{aligned}$$

$$\begin{aligned}\mathbf{1447} &:= \sqrt{1\times 4}\times F(4)!!+7\\ &:= T(-1+T(T(4)))-T(4)-T(7).\end{aligned}$$

$$\begin{aligned}\mathbf{1449} &:= F(1\times 4!)/(-\sqrt{4}+F(9))\\ &:= -1+T(T(T(4)))-T(4)\times 9.\end{aligned}$$

$$\begin{aligned}\mathbf{1452} &:= (1+F(4)!!+5)\times 2\\ &:= (-1+T(\sqrt{4})^5)\times T(T(2)).\end{aligned}$$

$$\begin{aligned}\mathbf{1459} &:= 1+F(4)^5\times(\sqrt{9})!\\ &:= 1+T(\sqrt{4})^5\times T(\sqrt{9}).\end{aligned}$$

$$\begin{aligned}\mathbf{1467} &:= 1+\sqrt{4}\times(6!+F(7))\\ &:= -1+\sqrt{4}\times 6!+T(7).\end{aligned}$$

$$\begin{aligned}\mathbf{1476} &:= (F(1+F(4)!)+F(F(7)))\times 6\\ &:= (T(1+T(T(T(\sqrt{4}))))-7)\times 6.\end{aligned}$$

$$\begin{aligned}\mathbf{1477} &:= 1+F(4)!\times(F(F(7))+F(7))\\ &:= T(-1+T(T(T(\sqrt{4}))))\times 7+7.\end{aligned}$$

$$\begin{aligned}\mathbf{1489} &:= 1+F(4!)/F(8)-(\sqrt{9})!!\\ &:= 1\times 4+T(\sqrt{T(8)}\times 9).\end{aligned}$$

$$\begin{aligned}\mathbf{1529} &:= F(\sqrt{1+5!})+2\times(\sqrt{9})!!\\ &:= T(T(T(-1+5)))-2-9.\end{aligned}$$

$$\begin{aligned}\mathbf{1547} &:= (1+5!-\sqrt{4})\times F(7)\\ &:= T(1+54)+7.\end{aligned}$$

$$\begin{aligned}\mathbf{1584} &:= \sqrt{1+5!}\times F(8+4)\\ &:= (1+5)!+T(8)\times 4!.\end{aligned}$$

$$\begin{aligned}\mathbf{1674} &:= -1\times 6+7!/F(4)\\ &:= 1+(-T(6)+7!)/T(\sqrt{4}).\end{aligned}$$

$$\begin{aligned}\mathbf{1696} &:= (F(F(1+6))-F(F((\sqrt{9})!)))\times F(6)\\ &:= 1+T(69)-6!.\end{aligned}$$

$$\begin{aligned}\mathbf{1724} &:= -1-7!+F(-F(2)+F(F(F(4)!)))\\ &:= \sqrt{1+7!}+T(2+T(T(4))).\end{aligned}$$

$$\begin{aligned}\mathbf{1749} &:= (-1+F(7))^{F(4)}+F(F((\sqrt{9})!))\\ &:= \sqrt{1+7!}\times 4!+T(9).\end{aligned}$$

$$\begin{aligned}\mathbf{1779} &:= 1+7\times(F(F(7))+F(F((\sqrt{9})!)))\\ &:= T(1+T(T(7))/7)+9.\end{aligned}$$

$$\begin{aligned}\mathbf{1793} &:= 1+(F(F(7))-9)\times F(3!)\\ &:= 1+T(T(7))+T(\sqrt{9})\times T(T(T(3))).\end{aligned}$$

$$\begin{aligned}\mathbf{1799} &:= -1+7!/F(\sqrt{9})-(\sqrt{9})!!\\ &:= (-1+T((\sqrt{7+9})!))\times T(\sqrt{9}).\end{aligned}$$

$$\begin{aligned}\mathbf{1833} &:= (1+F(F(8)-3!))\times 3\\ &:= T\left(\sqrt{\left(-1+\sqrt{T(8)}\right)\times T(3)!}\right)+3.\end{aligned}$$

$$\begin{aligned}\mathbf{1849} &:= (1+F(8)\times\sqrt{4})^{F(\sqrt{9})}\\ &:= 1+8\times T(4!-\sqrt{9}).\end{aligned}$$

$$\begin{aligned}\mathbf{1865} &:= 1+8\times F(F(6)+5)\\ &:= -1+T(8)+T(\sqrt{6!\times 5}).\end{aligned}$$

$$\begin{aligned}\mathbf{1898} &:= -1+8!/F(F((\sqrt{9})!))-F(8)\\ &:= T(-1+T(8))\times\sqrt{9}+8.\end{aligned}$$

$$\begin{aligned}\mathbf{1899} &:= 1\times 8!/F(F((\sqrt{9})!))-F(F((\sqrt{9})!))\\ &:= (T(-1+T(8))+\sqrt{9})\times\sqrt{9}.\end{aligned}$$

$$\begin{aligned}\mathbf{1919} &:= -1+F((\sqrt{9})!)!/F(-1+9)\\ &:= -1+(9-1)!/T(T(\sqrt{9})).\end{aligned}$$

$$\begin{aligned}\mathbf{1932} &:= F((1+\sqrt{9})!)/(F(3)+2)!\\ &:= (1+T(9))\times T(T(3))\times 2.\end{aligned}$$

$$\begin{aligned}\mathbf{1939} &:= 19+F(3!)!/F(F((\sqrt{9})!))\\ &:= 1+T(T(9))+T(-3+T(9)).\end{aligned}$$

$$\mathbf{1943} := 1 + T(\sqrt{9} + T(T(4))) + T(T(T(3)))$$
$$:= -1 + 9 \times F(4)!^3.$$

$$\mathbf{1945} := 1 + F((\sqrt{9})!) \times F(4)^5$$
$$:= 1 + 9 \times (T(T(T(T(\sqrt{4})))) - T(5)).$$

$$\mathbf{2054} := 2^{\sqrt{0!+5!}} + F(4)!$$
$$:= 2^{\sqrt{0!+5!}} + T(T(\sqrt{4})).$$

$$\mathbf{2099} := 2 + (F(F(0! + (\sqrt{9})!))) \times 9$$
$$:= 20 + T(T(T(\sqrt{9}))) \times 9.$$

$$\mathbf{2199} := 2 + F(1 + (\sqrt{9})!)^{\sqrt{9}}$$
$$:= (T(T(2)) - 1)! + T(T(T(\sqrt{9}))) \times 9.$$

$$\mathbf{2354} := (2 - F(F(3!)) \times (-5! + F(F(4)!)))$$
$$:= 2 \times T(T(3)!/T(5)) + \sqrt{4}.$$

$$\mathbf{2393} := F(F(F(2) + 3!)) + \sqrt{9} \times 3!!$$
$$:= 2 + T(T(T(3))) + \sqrt{9} \times T(3)!.$$

$$\mathbf{2394} := ((2 + 3)! - (\sqrt{9})!) \times F(F(F(4)!))$$
$$:= -T(2 \times 3) + T(T(9) + 4!).$$

$$\mathbf{2395} := F(2) - F(F(3!)) \times ((\sqrt{9})! - 5!)$$
$$:= T(2^{T(3)}) + T(T(\sqrt{9})) \times T(5).$$

$$\mathbf{2435} := (-F(F(F(2) + F(4)!)) + 3!!) \times 5$$
$$:= ((T(T(2)))! - \sqrt{4} - T(T(T(3)))) \times 5.$$

$$\mathbf{2438} := -2 + 4 \times F(-3! + F(8))$$
$$:= (2 + T(T(4 + 3)) \times \sqrt{T(8)}).$$

$$\mathbf{2456} := (-F(2) - F(4) + 5!) \times F(F(6))$$
$$:= -2^{T(T(\sqrt{4}))} + 5! \times T(6).$$

$$\mathbf{2458} := F(2) - (F(4) - 5!) \times F(8)$$
$$:= -2 + T(\sqrt{4}) \times T(5 \times 8).$$

$$\mathbf{2459} := 2 + F(F(F(4)!)) \times (5! - \sqrt{9})$$
$$:= 2 - (T(\sqrt{4}) - 5!) \times T(T(\sqrt{9})).$$

$$\mathbf{2493} := -F(2) + F(F(4)!)!/\sqrt{9} - F(F(F(3!)))$$
$$:= T(T(2) \times 4!) - T(9) \times 3.$$

$$\mathbf{2494} := -F(F(2 \times 4)) + F((\sqrt{9})!)!/F(4)$$
$$:= (T(2) + T(T(4))) \times (T(9) - \sqrt{4}).$$

$$\mathbf{2495} := -F(2) - 4! + F(F((\sqrt{9})!)) \times 5!$$
$$:= T(T(2))! - T(T(4)) + T(T(9) + T(5)).$$

$$\mathbf{2497} := F(2) + 4! \times F((\sqrt{9})!) \times F(7)$$
$$:= T(T(2)) + T(T(4)) + T(\sqrt{9}) \times T(T(7)).$$

$$\mathbf{2499} := (-F(2) + (-4 + 9)!) \times F(F((\sqrt{9})!))$$
$$:= (-T(T(2)) + T(T(4))) \times (T(9) + T(\sqrt{9})).$$

$$\mathbf{2518} := -2 + 5! \times 1 \times F(8)$$
$$:= -2 + 5! \times T(T(\sqrt{1 + 8})).$$

$$\mathbf{2539} := (F(2) + 5!) \times F(F(3!)) - F(\sqrt{9})$$
$$:= -2 + 5! \times T(T(3)) + T(T(\sqrt{9})).$$

$$\mathbf{2543} := 2 + (5! + F(\sqrt{4})) \times F(F(3!))$$
$$:= T(T(T(2))) \times 5! + \sqrt{4} + T(T(3)).$$

$$\mathbf{2549} := (F(2) + 5!) \times F(F(F(4)!)) + F((\sqrt{9})!)$$
$$:= T(T(T(2)) \times T(5)) - T(T(T(4))) - T(\sqrt{9}).$$

$$\mathbf{2564} := (2 + 5!) \times F(F(6)) + \sqrt{4}$$
$$:= (2 + 5!) \times T(6) + \sqrt{4}.$$

$$\mathbf{2574} := \sqrt{F(2) + 5!} \times (F(F(7)) + F(\sqrt{4}))$$
$$:= T(2) \times (-5! + T(T(7))) \times T(\sqrt{4}).$$

$$\mathbf{2578} := 2 + F(5 + F(7)) - 8$$
$$:= T(\sqrt{T(T(2))! \times 5}) + T(7) + (\sqrt{T(8)})!.$$

$$\mathbf{2579} := -2 + F(5 + F(7)) - \sqrt{9}$$
$$:= -2 - 5! + T(T(7) + T(9)).$$

$$\mathbf{2596} := (-2 + 5!) \times (F(F(\sqrt{9})) + F(F(6)))$$
$$:= T(T(2 \times 5)) + T(T(9)) + T(6).$$

$$\mathbf{2689} := F(2) - F(6)!/(-F(8) + (\sqrt{9})!)$$
$$:= -2 + (T(T(6)) + T(T(8))) \times \sqrt{9}.$$

$$\mathbf{2694} := F(2 \times F(6)) \times F(\sqrt{9}) + F(4)!!$$
$$:= \sqrt{2 \times (T(6) - \sqrt{9} + T(4)!)}.$$

$$\mathbf{2709} := (2^7 + 0!) \times F(F((\sqrt{9})!))$$
$$:= T(2) \times T(7 \times T(\sqrt{09})).$$

$$\mathbf{2743} := -F(2) + (7 \times \sqrt{4})^3$$
$$:= T(T(2))! + 7 + T(T(\sqrt{4}) \times T(T(3))).$$

2746 $:= 2 + 7^{F(4)} \times F(6)$
$:= T(T(T(T(2)) + 7)) - \sqrt{4} \times 6!.$

2759 $:= -2^{F(7)} + 5 + F(F(F((\sqrt{9})!)))$
$:= T(T(2))! + T(T(7)) \times 5 + 9.$

2792 $:= 2 \times (F(F(7)) \times (\sqrt{9})! - 2)$
$:= T(2 + T(7)) \times T(\sqrt{9}) + 2.$

2793 $:= 2 \times F(F(7)) \times (\sqrt{9})! - 3$
$:= (-T(2) + T(7 + 9)) \times T(T(3)).$

2799 $:= 2 \times F(F(7)) \times (\sqrt{9})! + \sqrt{9}$
$:= T(2 + T(7)) \times T(\sqrt{9}) + 9.$

2835 $:= (F(2) + 8)!/(F(3!) + 5!)$
$:= \sqrt{T(2)^8} \times 35.$

2859 $:= (\sqrt{2 \times 8})! \times 5! - F(F(\sqrt{9})!)$
$:= T(2) + \sqrt{T(8)} + T(5! - T(9)).$

2879 $:= (-2 + 8!/7)/F(\sqrt{9})$
$:= T(T(2)) \times (\sqrt{T(8)})! - T(T(7)) - T(T(9)).$

2884 $:= (F(2) + F(\sqrt{8 + 8})!!) \times 4$
$:= 2^8 + T(T(8) \times \sqrt{4}).$

2896 $:= 2 \times (8 + F(\sqrt{9}) \times 6!)$
$:= 2 \times (8 + T(\sqrt{9})! + 6!).$

2898 $:= (2 + F(8)) \times (\sqrt{9})! \times F(8)$
$:= 2 \times T(8 + T(9)) + T(8).$

2943 $:= (F(2 \times F((\sqrt{9})!)) - F(4)!) \times 3$
$:= T(2) + (T(T(9)) - T(T(4))) \times 3.$

2944 $:= (2 \times F((\sqrt{9})!) + F(4)!!) \times 4$
$:= T(2) \times (T(T(9)) - T(T(4))) + 4.$

2949 $:= (F(2 \times F((\sqrt{9})!)) - 4) \times \sqrt{9}$
$:= (T(2) + T(T(9)) - T(T(4))) \times \sqrt{9}.$

2959 $:= -2 + (F(F((\sqrt{9})!)) + 5!) \times F(F((\sqrt{9})!))$
$:= -2 + (T(T(\sqrt{9})) + 5!) \times T(T(\sqrt{9})).$

2961 $:= F(2 \times F((\sqrt{9})!)) \times \sqrt{F(6) + 1}$
$:= T(T(T(2) + 9)) - (6 - 1)!.$

2977 $:= (-F(2) - \sqrt{9} + F(F(7))) \times F(7)$
$:= -2 \times T(T(9)) + 7! + 7.$

3066 $:= 3! \times (-0! + \sqrt{F(6)^6})$
$:= -T(T(3) - 0!) + T(T(6 + 6)).$

3087 $:= F(F(3!)) \times F(08) \times 7$
$:= T(T(3)) \times T(\sqrt{T(08)}) \times 7.$

3155 $:= (3!! - F(\sqrt{1 + 5!})) \times 5$
$:= (T(T(T(3)) - 1) \times T(5) + 5).$

3194 $:= T(3)! - 1 + T(9) \times T(T(4))$
$:= F(3) \times F(19 - \sqrt{4}).$

3328 $:= (F(F(F(3)) + 3!)) \times 2^8$
$:= T(T(3))/3 + T(\sqrt{T(2)^8}).$

3347 $:= F(3!)!/(3 \times 4) - F(7)$
$:= (T(T(3)) - T(3))^{T(\sqrt{4})} - T(7).$

3355 $:= F(3!)!/\sqrt{3!!/5} - 5$
$:= (T(T(3) \times T(3)) + 5) \times 5.$

3369 $:= -3! + (-3! + F(F(6)))^{\sqrt{9}}$
$:= T(33) \times 6 + \sqrt{9}.$

3394 $:= F(3! + F(3!)) \times 9 + F(\sqrt{4})$
$:= T(3 \times T(T(3))) + T(-\sqrt{9} + T(T(4))).$

3399 $:= F(3! + F(3!)) \times 9 + (\sqrt{9})!$
$:= T(3^3) \times 9 - \sqrt{9}.$

3409 $:= (F(F(F(3!))) - F(4)!! + 0!)/\sqrt{9}$
$:= T(3^4 + 0!) + T(\sqrt{9}).$

3443 $:= (3 + 4)! - F(-4 + F(F(3!)))$
$:= T(3 + T(T(4))) \times \sqrt{4} + T(T(3)).$

3447 $:= -F(F(F(3!)) - 4) + 4 + 7!$
$:= -(T(T(T(3))) + T(4!)) \times T(\sqrt{4}) + 7!.$

3462 $:= 3! + 4! \times F(6 \times 2)$
$:= T(3 + \sqrt{4}) \times T(T(6)) - T(2).$

3469 $:= F(3!) - F(4)!! + F(F(F(6)) - F(\sqrt{9}))$
$:= T(T(T(3))) - \sqrt{4} + T(6!/9).$

$$\begin{aligned}\mathbf{3485} &:= (3!! - \sqrt{4} - F(8)) \times 5\\ &:= (T(T(3)) + T(4) + T(T(8))) \times 5.\end{aligned}$$

$$\begin{aligned}\mathbf{3538} &:= (F(3) + 5!) \times (F(3!) + F(8))\\ &:= T\left(T\left(T\left(\sqrt{T(T(3)) - 5}\right)\right)\right) + 3 \times T(T(8)).\end{aligned}$$

$$\begin{aligned}\mathbf{3545} &:= 3!! \times 5 - F(\sqrt{4} \times 5)\\ &:= T(3)! \times 5 - T(\sqrt{4} \times 5).\end{aligned}$$

$$\begin{aligned}\mathbf{3574} &:= 3!! \times 5 - F(7) \times \sqrt{4}\\ &:= T(3)! \times 5 - T(7) + \sqrt{4}.\end{aligned}$$

$$\begin{aligned}\mathbf{3580} &:= 3!! \times 5 - F(8) + 0!\\ &:= T(3)! \times 5 - T(\sqrt{T(8)}) + 0!.\end{aligned}$$

$$\begin{aligned}\mathbf{3587} &:= 3!! \times \sqrt{\sqrt{\sqrt{5^8}}} - F(7)\\ &:= 3 + (5! + 8) \times T(7).\end{aligned}$$

$$\begin{aligned}\mathbf{3592} &:= 3!! \times 5 - 9 + F(2)\\ &:= T(3)! \times 5 - T(\sqrt{9}) - 2.\end{aligned}$$

$$\begin{aligned}\mathbf{3593} &:= 3!! \times 5 - 9 + F(3)\\ &:= (T(3)! \times T(5) - T(T(\sqrt{9})))/3.\end{aligned}$$

$$\begin{aligned}\mathbf{3595} &:= (3!! - F(5 - \sqrt{9})) \times 5\\ &:= T(3)! \times T(5)/\sqrt{9} - 5.\end{aligned}$$

$$\begin{aligned}\mathbf{3598} &:= -F(3) + 5! \times (9 + F(8))\\ &:= T(3)! \times 5 + T(\sqrt{9}) - 8.\end{aligned}$$

$$\begin{aligned}\mathbf{3644} &:= (-F(3!) + F(F(F(6))))/F(4) - \sqrt{4}\\ &:= T(3)! + T(T(6) + T(T(4))) - \sqrt{4}.\end{aligned}$$

$$\begin{aligned}\mathbf{3684} &:= 3!! + (6! + F(8)) \times 4\\ &:= (-T(3) + T(T(6)) \times 8) \times \sqrt{4}.\end{aligned}$$

$$\begin{aligned}\mathbf{3694} &:= -F(F(F(3!))) + F(6 + 9) \times 4!\\ &:= T(3)! \times T(T(6))/T(9) - \sqrt{4}.\end{aligned}$$

$$\begin{aligned}\mathbf{3696} &:= (3! + F(6 + 9)) \times 6\\ &:= T(3)! \times T(T(6))/T(\sqrt{9} + 6).\end{aligned}$$

$$\begin{aligned}\mathbf{3699} &:= (F(3! + F(6)) + F(9)) \times 9\\ &:= T(\sqrt{3^6}) + T(9 \times 9).\end{aligned}$$

$$\begin{aligned}\mathbf{3724} &:= (F(3!) \times F(F(7)) - 2) \times \sqrt{4}\\ &:= -3 + T(T(7)) + T(T(2)^4).\end{aligned}$$

$$\begin{aligned}\mathbf{3729} &:= (F(3!) \times F(F(7))) \times 2 + F(F(\sqrt{9}))\\ &:= T(T(3)) + (T(T(7)) + T(T(2))) \times 9.\end{aligned}$$

$$\begin{aligned}\mathbf{3792} &:= 3! \times (7!/F((\sqrt{9})!) + 2)\\ &:= (3 - T(T(7)) + T(T(9))) \times T(T(2)).\end{aligned}$$

$$\begin{aligned}\mathbf{3795} &:= (3!! + F(7) \times \sqrt{9}) \times 5\\ &:= (3 \times T(7)) \times T(9) + T(5).\end{aligned}$$

$$\begin{aligned}\mathbf{3834} &:= (-\sqrt{3^6} + 3!!) \times F(4)!\\ &:= T(3) + T(83 + 4).\end{aligned}$$

$$\begin{aligned}\mathbf{3843} &:= 3 + 8! \times \sqrt{4}/T(T(3))\\ &:= F(3!)!/F(8) \times \sqrt{4} + 3.\end{aligned}$$

$$\begin{aligned}\mathbf{3845} &:= 3!! + (8 - F(4))^5\\ &:= (T(3)! - \sqrt{T(8)} + T(T(4))) \times 5.\end{aligned}$$

$$\begin{aligned}\mathbf{3846} &:= 3! + 8! \times \sqrt{4}/F(F(6))\\ &:= T(3) + 8! \times \sqrt{4}/T(6).\end{aligned}$$

$$\begin{aligned}\mathbf{3848} &:= F(3!) + 8! \times \sqrt{4}/F(8)\\ &:= (-T(T(T(3))) - 8 + (T(T(\sqrt{4})))!) \times 8.\end{aligned}$$

$$\begin{aligned}\mathbf{3849} &:= F(3!)!/F(8) \times \sqrt{4} + 9\\ &:= T(T(3)) + T(T(8 + 4) + 9).\end{aligned}$$

$$\begin{aligned}\mathbf{3857} &:= (F(3!) + F(8)) \times (5! + F(7))\\ &:= -T(T(T(3))) + T(\sqrt{T(8)} \times T(5)) - 7.\end{aligned}$$

$$\begin{aligned}\mathbf{3879} &:= -F(F(3!)) \times F(8) + 7! - (\sqrt{9})!!\\ &:= T(3) + T(87) + T(9).\end{aligned}$$

$$\begin{aligned}\mathbf{3897} &:= F(F(3)) + 8 \times ((\sqrt{9})!! - F(F(7)))\\ &:= -3 \times T(8) - T(T(9)) + 7!.\end{aligned}$$

$$\begin{aligned}\mathbf{3924} &:= (-3! + F(F((\sqrt{9})!) \times 2)) \times 4\\ &:= (T(3)! - T(9 + 2)) \times T(T(\sqrt{4})).\end{aligned}$$

$$\begin{aligned}\mathbf{3936} &:= (-F(3)^{(\sqrt{9})!} + 3!!) \times 6\\ &:= T(3 + 93) - 6!.\end{aligned}$$

$$\begin{aligned}\mathbf{3947} &:= F(F(F(3!)) - F(\sqrt{9})) - F(\sqrt{4}) - F(F(7))\\ &:= -3 - T(T(9)) - T(T(4)) + 7!.\end{aligned}$$

$$\begin{aligned}\mathbf{3949} &:= F((F(3!) \times F(\sqrt{9}))) \times 4 + F(F(\sqrt{9}))\\ &:= -T(T(T(3))) + T(T(9 + 4)) - T(\sqrt{9}).\end{aligned}$$

3955 $:= (-F(F(3)) + F(9)) \times 5! - 5$
$:= -T(T(T(3))) + T(T(\sqrt{9} + 5 + 5))$.

3959 $:= (-F(F(3)) + F(9)) \times 5! - F(F(\sqrt{9}))$
$:= -T(T(3)!/T(9)) + T(T(5) \times T(\sqrt{9}))$.

3963 $:= -3! + (\sqrt{9} \times F(F(6)))^{F(3)}$
$:= T(T(3)) \times 9 \times T(6) - T(3)$.

3976 $:= F(3!) \times (9! - 7!)/6!$
$:= -T(T(T(3))) + T(T(\sqrt{9})) + T(T(7 + 6))$.

3984 $:= -F(3!) \times ((\sqrt{9})! - F(8) \times 4!)$
$:= -3 - T(9) + 8!/T(4)$.

3990 $:= 3! \times ((\sqrt{9})!! - F(9 + 0!))$
$:= T(T(3)) \times T(9 + 9 + 0!)$.

3994 $:= -3 \times F(9) + F((\sqrt{9})!)^4$
$:= T(3) \times T(T(9) - 9) - \sqrt{4}$.

4093 $:= -F(4) + (0! + \sqrt{9})^{3!}$
$:= 4^{T(\sqrt{09})} - 3$.

4128 $:= (F(4!) + F((1 + 2)!)!)/F(8)$
$:= T(T(\sqrt{4})) \times (1 + T(T(T(2))) + T(T(8)))$.

4187 $:= F(4)! + F((\sqrt{1 + 8})! + F(7))$
$:= -T(41) + 8 + 7!$.

4189 $:= F(F(4)!) + F(1 + F(8) - \sqrt{9})$
$:= T(T(4 + 1 + 8)) + \sqrt{9}$.

4194 $:= (-F(F((4 - 1)!)) + (\sqrt{9})!!) \times F(4)!$
$:= T(T(4)) - 1 + T(T(9)) \times 4$.

4229 $:= 4! \times 2 + F(-2 + F(F((\sqrt{9})!)))$
$:= T(T(T(4) + T(2))) - 2 + T(9)$.

4247 $:= F(F(4)!)!/(F(2) + F(F(4)!)) - F(F(7))$
$:= T(T(T(T(\sqrt{4})))) - 2^{T(4)} + 7!$.

4249 $:= F(F(F((F(4))!)) - 2) + \sqrt{4} \times F(9)$
$:= T(\sqrt{4}) \times T(T(T(2))) + T(T(4 + 9))$.

4254 $:= (F(4)!! - \sqrt{F(2) + 5!}) \times F(4)!$
$:= (-4! + T(T(T(2)) \times T(5) + \sqrt{4}))$.

4294 $:= -4! - 2 + (\sqrt{9})! \times F(4)!!$
$:= T(T(4)) \times T(T(2) + 9) + 4$.

4295 $:= F(F(F(F(4)!)) - 2) - (\sqrt{9})! + 5!$
$:= T(T(4)) \times T(T(2) + 9) + 5$.

4297 $:= -4! + F(2) - (\sqrt{9})!! + 7!$
$:= T(T(4)) \times T(T(2) + 9) + 7$.

4299 $:= (F(4)!! - 2) \times (\sqrt{9})! - 9$
$:= T(T(4)) \times T(T(2) + 9) + 9$.

4307 $:= F(4)! \times 3!! - F(07)$
$:= T(T(\sqrt{4})) \times (T(3)! - 0!) - 7$.

4312 $:= F(4)! \times 3!! - F((1 + 2)!)$
$:= -\sqrt{4} + (T(3)! - 1) \times T(T(2))$.

4313 $:= F(4)! \times 3!! - 1 - 3!$
$:= T(T(\sqrt{4})) \times T(3)! - 1 - T(3)$.

4315 $:= F(4)! \times 3!! - 1 \times 5$
$:= T(T(\sqrt{4})) \times T(3)! - 1 \times 5$.

4318 $:= F(4)! \times 3!! - F(\sqrt{1 + 8})$
$:= -\sqrt{4} - T(3)! + (-1 + 8)!$.

4319 $:= F(4)! \times 3!! - 1^9$
$:= T(T(\sqrt{4})) \times T(3)! - 1^9$.

4322 $:= F(4)! \times 3!! + \sqrt{2 + 2}$
$:= \sqrt{4} \times T(3)! \times T(2) + 2$.

4325 $:= F(4)! \times 3!! + \sqrt{25}$
$:= \sqrt{4} \times T(3)! \times T(2) + 5$.

4339 $:= F(\sqrt{4}) + (3 + 3!!) \times (\sqrt{9})!$
$:= T(4) + T(3)! \times T(3) + 9$.

4340 $:= F(F(F(4)!)) + 3!! \times F(4)! - 0!$
$:= T(T(T(\sqrt{4}))) + T(3)! \times T(T(\sqrt{4})) - 0!$.

4341 $:= F(4)! \times 3!! + F(F((4 - 1)!))$
$:= T(T(\sqrt{4})) \times T(3)! + T(T(4 - 1))$.

4342 $:= F(4)! \times 3!! + 4! - 2$
$:= 4 + (T(3)! + T(\sqrt{4})) \times T(T(2))$.

$$\begin{aligned}\mathbf{4349} &:= F(F(4)!) + F(F(3!)) + F(4)! \times (\sqrt{9})!! \\ &:= (\sqrt{4} + T(T(T(3))) - 4!) \times T(T(\sqrt{9})).\end{aligned}$$

$$\begin{aligned}\mathbf{4364} &:= -4 + (F(3!) + 6!) \times F(4)! \\ &:= T(\sqrt{4})^{T(3)} \times 6 - T(4).\end{aligned}$$

$$\begin{aligned}\mathbf{4367} &:= F(4)^{3!} \times 6 - 7 \\ &:= T(\sqrt{4})^{T(3)} \times 6 - 7.\end{aligned}$$

$$\begin{aligned}\mathbf{4376} &:= F(4)! \times 3!! + 7 \times F(6) \\ &:= T(-\sqrt{4} + T(T(3))) + T(T(7 + 6)).\end{aligned}$$

$$\begin{aligned}\mathbf{4389} &:= F(F(F(4)!)) + (3!! + 8) \times (\sqrt{9})! \\ &:= (4 + T(3)!) \times \sqrt{T(8)} + T(9).\end{aligned}$$

$$\begin{aligned}\mathbf{4392} &:= F(4)! \times (3!! + (\sqrt{9})! \times 2) \\ &:= T(4!) - 3 + T(T(9) \times 2).\end{aligned}$$

$$\begin{aligned}\mathbf{4393} &:= F(F(4)!) + F(F(F(3!))) - \sqrt{9^{F(3!)}} \\ &:= T(T(4)) + (T(3)! + \sqrt{9}) \times T(3).\end{aligned}$$

$$\begin{aligned}\mathbf{4397} &:= F(4)!^3 + F((\sqrt{9})! + F(7)) \\ &:= -T(T(\sqrt{4}))! + T(T(T(3)))/\sqrt{9} + 7!.\end{aligned}$$

$$\begin{aligned}\mathbf{4398} &:= F(4)! \times (3!! + F(9) - F(8)) \\ &:= (4 + T(3)! + 9) \times \sqrt{T(8)}.\end{aligned}$$

$$\begin{aligned}\mathbf{4414} &:= (F(4!)/F(F(F(4)!)) - 1) \times \sqrt{4} \\ &:= (-4 + T(T(T(4) + 1))) \times \sqrt{4}.\end{aligned}$$

$$\begin{aligned}\mathbf{4437} &:= 4^4 + F(3! + F(7)) \\ &:= -T(4!) \times \sqrt{4} - 3 + 7!.\end{aligned}$$

$$\begin{aligned}\mathbf{4438} &:= F(4)! \times (F(4)!! + F(F(3!))) - 8 \\ &:= T(T(T(\sqrt{4}) + T(4))) + T(T(T(3))) + T(\sqrt{T(8)}).\end{aligned}$$

$$\begin{aligned}\mathbf{4439} &:= F(F(F(F(4)!))) - (F(4) + 3!!) \times 9 \\ &:= -T(T(T(4))) - T(T(T(T(\sqrt{4})))) + T(3) \times T(T(9)).\end{aligned}$$

$$\begin{aligned}\mathbf{4444} &:= (F(F(F(4)!)) + F(4)!!) \times F(4)! - \sqrt{4} \\ &:= 4 \times (T(T(\sqrt{4})))! + 4! + T(T(T(4))).\end{aligned}$$

$$\begin{aligned}\mathbf{4447} &:= -F(F(F(F(4)!))) + F(F(F(4)!)) \times (F(4)!! + F(7)) \\ &:= \sqrt{4} - T(4! + T(4)) + 7!.\end{aligned}$$

$$\begin{aligned}\mathbf{4449} &:= (F(F(F(4)!)) + F(4)!!) \times F(4)! + \sqrt{9} \\ &:= T(\sqrt{4})^4 \times T(T(4)) - T(\sqrt{9}).\end{aligned}$$

$$\begin{aligned}\mathbf{4452} &:= F(F(F(4)!)) \times (-F(F(F(4)!)) + F(F(5 + 2))) \\ &:= (-T(\sqrt{4}) + T(4!)) \times T(5) - T(2).\end{aligned}$$

$$\begin{aligned}\mathbf{4472} &:= -F(F(4)!) + (F(F(4)!))!/(7 + 2) \\ &:= (T(T(T(\sqrt{4})) \times T(4)) + T(T(7))) \times 2.\end{aligned}$$

$$\begin{aligned}\mathbf{4477} &:= -4! \times 4! + F(7) + 7! \\ &:= -\sqrt{4} - T(T(T(T(T(\sqrt{4}))))/7) + 7!.\end{aligned}$$

$$\begin{aligned}\mathbf{4479} &:= -F(\sqrt{4}) + F(F(4)!) \times 7!/9 \\ &:= T(4!) \times T(-\sqrt{4} + 7) - T(T(\sqrt{9})).\end{aligned}$$

$$\begin{aligned}\mathbf{4482} &:= (F(F(4)!))!/(F(\sqrt{4}) + 8) + 2 \\ &:= (T(\sqrt{4})^4 + T(T(8))) \times T(T(2)).\end{aligned}$$

$$\begin{aligned}\mathbf{4484} &:= F(F(4)!)!/(F(\sqrt{4}) + 8) + 4 \\ &:= (-T(T(4)) + T(48)) \times 4.\end{aligned}$$

$$\begin{aligned}\mathbf{4485} &:= F(F(4)!)!/(F(\sqrt{4}) + 8) + 5 \\ &:= T(\sqrt{4}) \times T(T(4)) + T(8) \times 5!.\end{aligned}$$

$$\begin{aligned}\mathbf{4487} &:= (-4! - T(T(4)) + (\sqrt{T(8)})!) \times 7 \\ &:= F(F(4)!)!/(F(\sqrt{4}) + 8) + 7.\end{aligned}$$

$$\begin{aligned}\mathbf{4488} &:= F(4)! \times F(4)!! + 8 \times F(8) \\ &:= 4 \times (\sqrt{4} + 8!/T(8)).\end{aligned}$$

$$\begin{aligned}\mathbf{4489} &:= (F(4)^4 + 8!)/9 \\ &:= T(\sqrt{4})^{\sqrt{4}} + 8!/9.\end{aligned}$$

$$\begin{aligned}\mathbf{4493} &:= (F(4) - F(4)!!) \times 9 + F(F(F(3!))) \\ &:= (-T(T(T(\sqrt{4}))) + T(4!) \times T(9))/3.\end{aligned}$$

$$\begin{aligned}\mathbf{4494} &:= F(F(F(4)!)) \times (4! \times 9 - \sqrt{4}) \\ &:= (T(T(T(4)))/\sqrt{4} - T(T(\sqrt{9}))) \times T(T(\sqrt{4})).\end{aligned}$$

$$\begin{aligned}\mathbf{4499} &:= (-T(\sqrt{4}) + T(4!) \times T(9))/\sqrt{9} \\ &:= F(F(F(4)!)) + (F(F(4)!))!/9 - F(\sqrt{9}).\end{aligned}$$

$$\begin{aligned}\mathbf{4559} &:= -F(F(F(F(4)!))) - 5! + 5^{(\sqrt{9})!} \\ &:= T(4!) \times T(5) + 59.\end{aligned}$$

$$\begin{aligned}\mathbf{4579} &:= (4! - 5) \times (F(F(7)) + F((\sqrt{9})!)) \\ &:= T(4!) \times T(5) + 79.\end{aligned}$$

$$\begin{aligned}\mathbf{4608} &:= 4!^{F\left(\sqrt{F(6)+0!}\right)} \times 8 \\ &:= \sqrt{4^{6+0!}} \times T(8).\end{aligned}$$

4637 $:= (-\sqrt{4^{F(6)}} + F(F(3!)) \times F(F(7)))$
$:= T(\sqrt{4}) + (T(6)/3)! - T(T(7))$.

4644 $:= ((F(4)!! + F(F(6))^{\sqrt{4}})) \times 4$
$:= -\sqrt{4} \times 6 + T(4! \times 4)$.

4660 $:= (-F(\sqrt{4}) + F(F(6))) \times F(F(F(6) - 0!))$
$:= (\sqrt{4} + T(T(6))) \times (T(6) - 0!)$.

4679 $:= (-\sqrt{4} + 6! \times F(7))/F(\sqrt{9})$
$:= T(4)!/6! - T(T(7)) + T(9)$.

4696 $:= (-4!!/(F(F(6)))! + (F((\sqrt{9})!))!)/6$
$:= T(T(T(4)) - 6 + T(9)) + T(T(6))$.

4698 $:= F(4)! \times (6! + (\sqrt{9} \times F(8)))$
$:= (T(\sqrt{4}) + T(-6 + T(9))) \times \sqrt{T(8)}$.

4744 $:= (F(4)!! + F(F(7)) \times \sqrt{4}) \times 4$
$:= T(T(4)) + 7! - T(4! + \sqrt{4})$.

4759 $:= (F(4)!! + F(F(7))) \times 5 - (\sqrt{9})!$
$:= T(4 \times T(7) - T(5)) + T(\sqrt{9})$.

4765 $:= (F(\sqrt{4}) \times F(F(7)) + 6!) \times 5$
$:= T(4!) + T(T(7) + T(6 + 5))$.

4766 $:= -F(\sqrt{4}) + (F(F(7)) - 6) \times F(F(6))$
$:= T(4!) + T(T(7)) \times T(T(6))/T(6)$.

4767 $:= (-F(4) \times F(7) + 6!) \times 7$
$:= -T(\sqrt{4}) \times T(7 + 6) + 7!$.

4769 $:= F(\sqrt{4}) + 7! - F(6) \times F(9)$
$:= -T(T(4)) + 7! - 6^{\sqrt{9}}$.

4786 $:= -F(F(F(4)!)) + 7! - F(F(8) - F(6))$
$:= -\sqrt{4} + 7 \times (-T(8) + 6!)$.

4787 $:= F(\sqrt{4}) - F(F(7)) - F(8) + 7!$
$:= -T(\sqrt{4} \times 7 + 8) + 7!$.

4789 $:= F(F(F(4)!)) + 7! - 8 \times F(9)$
$:= T(4) \times T(T(7)) + (\sqrt{T(8)})! + 9$.

4790 $:= F(4! - 7) \times \sqrt{9} - 0!$
$:= T(\sqrt{4}) + 7! - T(T(T(\sqrt{9})) + 0!)$.

4791 $:= F(4) \times F(7 + 9 + 1)$
$:= 4 + 7! - T(T(T(\sqrt{9})) + 1)$.

4792 $:= F(4! - 7) \times \sqrt{9} + F(2)$
$:= 4 + T(7) \times T(9 \times 2)$.

4793 $:= F(4! - 7) \times \sqrt{9} + F(3)$
$:= -T(4) + 7! - T(\sqrt{9}) - T(T(T(3)))$.

4799 $:= F(4! - 7) \times \sqrt{9} + F((\sqrt{9})!)$
$:= -T(4) + 7! - T(T(9 - \sqrt{9}))$.

4807 $:= F(\sqrt{4}) \times (8 - 0!)! - F(F(7))$
$:= -T(\sqrt{4}) - T(T(\sqrt{T(8)})) + 0! + 7!$.

4809 $:= (-4 + F(F(8 - 0!))) \times F(F((\sqrt{9})!))$
$:= (-\sqrt{4} + T(T(\sqrt{T(8)}))) \times T(T(\sqrt{09}))$.

4845 $:= -F(F(4)!)!/F(8) + F(4 \times 5)$
$:= (T(\sqrt{4}) + T(T(8)) + T(4!)) \times 5$.

4851 $:= F(F(F(4)!)) \times (F(8) \times \sqrt{5! + 1})$
$:= T(T(T(4)) - 8 + 51)$.

4867 $:= F(F(4)!) \times F(F(8) - 6) - F(7)$
$:= T(T(\sqrt{4}))! + T(86) + T(T(7))$.

4869 $:= -4! + F(8) \times F(F(F(F(6))/\sqrt{9}))$
$:= -T(T(4) + 8) + (T(6)/\sqrt{9})!$.

4883 $:= F(4) + 8 \times F(F(8) - 3!)$
$:= 4 \times 8 + T(\sqrt{T(8)}) \times T(T(T(3)))$.

4885 $:= -F(F(4)!) + F(8) \times F(8 + 5)$
$:= T(T(\sqrt{4}))! - T(\sqrt{T(8)}) + T(T(8 + 5))$.

4890 $:= (-F(4) + F(8) \times F(F((\sqrt{9})! + 0!)))$
$:= (T(T(\sqrt{4}))! - T(T(\sqrt{T(8)}))) \times (9 + 0!)$.

4891 $:= -\sqrt{4} + F(8) \times F(F((\sqrt{9})! + 1))$
$:= T(4) \times ((\sqrt{T(8)})! - T(T(T(\sqrt{9})))) + 1$.

4893 $:= F(4 + 8) \times F(9) - 3$
$:= \sqrt{T(T(4)) - \sqrt{T(8)}} \times (T(\sqrt{9})! - T(T(3)))$.

4895 $:= F(\sqrt{4} + 8) \times F((\sqrt{9})! + 5)$
$:= T(T(4)) \times (T(T(8))/9 + T(5))$.

4897 $:= F(\sqrt{4}) - F(F(8) - 9) + 7!$
$:= 4 \times T(8) + T(97).$

4898 $:= (-F(4!) + 8!) \times F(F(\sqrt{9})) + F(F(8))$
$:= T(T(4)) - 8 + T(98).$

4914 $:= -F(F(F(4)!)) \times (\sqrt{9})! + (1 + F(4)!)!$
$:= T(4 + 9) \times (-1 + T(T(4))).$

4917 $:= 4! + F(9 - 1) \times F(F(7))$
$:= -T(\sqrt{4}) - (T(\sqrt{9}) - 1)! + 7!.$

4925 $:= (F(4^{F(\sqrt{9})}) - 2) \times 5$
$:= (T(T(T(4))) - (T(\sqrt{9}))!) \times T(T(2)) + 5.$

4934 $:= F(F(F(4)!)) + (F(9)/F(3))^{F(4)}$
$:= -T(T(\sqrt{4})) + 9 \times T(3)! - T(T(T(4))).$

4938 $:= (-4! \times F(9) + F(3!)!)/8$
$:= (T(T(T(4))) + \sqrt{9} - T(3)!) \times \sqrt{T(8)}.$

4946 $:= -(F(F(4)!)!/(\sqrt{9})!) + F(4)!! + F(F(F(6)))$
$:= -4 + T((9 - 4)! - T(6)).$

4948 $:= -\sqrt{4} + (-(\sqrt{9})!! + F(F(4)!)!)/8$
$:= -\sqrt{4} + T(T(9 + 4) + 8).$

4949 $:= (F(F(4)!)! - (\sqrt{9})!!)/F(F(4)!) - F(F(\sqrt{9}))$
$:= -T(4 + 9) + (\sqrt{49})!.$

4950 $:= ((F(F(4)!)! - (\sqrt{9})!!)/F(5 + 0!))$
$:= T(49 + 50).$

4951 $:= (\sqrt{49})! - F(\sqrt{5! + 1})$
$:= T(4 + 95) + 1.$

4955 $:= (4 + F(F(F((\sqrt{9})!)) - 5)) \times 5$
$:= T(4 + 95) + 5.$

4956 $:= \sqrt{4} \times (-F(\sqrt{9}) + 5!) \times F(F(6))$
$:= T(4 + 95) + 6.$

4959 $:= -\sqrt{F(4)^{F((\sqrt{9})!)}} + (5 + F(\sqrt{9}))!$
$:= T(4 + 95) + 9.$

4964 $:= (\sqrt{49})! - T(6) - T(T(4))$
$:= F(4)^{F((\sqrt{9})!)} - F(F(F(6)) - 4).$

4965 $:= (F(4)! + F(F(\sqrt{9}) \times F(6))) \times 5$
$:= (T(4!)/\sqrt{9} + T(T(6))) \times T(5).$

4972 $:= (-\sqrt{4} \times F(9) + 7!) \times F(2)$
$:= (T(4^{\sqrt{9}}) + T(T(7))) \times 2.$

4978 $:= -F(4)! \times 9 + 7! - 8$
$:= -T(T(\sqrt{4})) \times 9 + 7! - 8.$

4982 $:= -4! - F(9) + (8 - F(2))!$
$:= -T(T(4)) - \sqrt{9} + (T(\sqrt{T(8)})/T(2))!.$

4984 $:= (F(4)!! - F((\sqrt{9})!)) \times F(8)/F(4)$
$:= T(T(\sqrt{4})) \times T(\sqrt{9})! + T(T(8)) - \sqrt{4}.$

4986 $:= -F(4)! \times 9 + 8!/F(6)$
$:= (T(T(4)) \times \sqrt{9} + T(T(8))) \times 6.$

4987 $:= \sqrt{4} - F(9) - F(8) + 7!$
$:= T(T(4)) - \sqrt{9} \times T(8) + 7!.$

4992 $:= -4! \times F(\sqrt{9}) + (9 - 2)!$
$:= 4^{\sqrt{9}} \times T(9 + T(2)).$

4994 $:= F(F(F(F(4)!))) - F((\sqrt{9})!) \times ((\sqrt{9})!! + 4!)$
$:= T(4! + 9) \times 9 - T(T(4)).$

4997 $:= -F(4) \times \sqrt{9} - F(9) + 7!$
$:= -4 + T(\sqrt{9}) - T(9) + 7!.$

5019 $:= -F(F(5 + 0!)) + (1 + (\sqrt{9})!)!$
$:= -T(5 + 0!) + (1 + T(\sqrt{9}))!.$

5127 $:= F(\sqrt{5! + 1}) - 2 + 7!$
$:= T(\sqrt{5! + 1}) + T(T(T(2))) + 7!.$

5139 $:= 5! + (1 + 3!)! - F(F((\sqrt{9})!))$
$:= 5! + (1 + T(3))! - T(T(\sqrt{9})).$

5147 $:= 5! - F(1 + F(4)!) + 7!$
$:= T(T(5) - 1) + \sqrt{4} + 7!.$

5157 $:= -F(5 - 1) + 5! + 7!$
$:= -T(\sqrt{5 - 1}) + 5! + 7!.$

5159 $:= 5! - 1 + (5 + F(\sqrt{9}))!$
$:= -T(5) - 1 + 5 \times T(T(9)).$

5187 $:= ((5+1)! + F(8)) \times 7$
$:= T(\sqrt{5-1} + T(8)) \times 7.$

5267 $:= F(F(5+2)) - 6 + 7!$
$:= -\sqrt{-5 + T(T(T(2)))} + T(T(6)) + 7!.$

5274 $:= (5+2)! + F(F(7)) + F(\sqrt{4})$
$:= (T(5) - 2) \times T(T(7)) - 4.$

5279 $:= (5+2)! + F(F(7)) + (\sqrt{9})!$
$:= 5 + T(T(T(T(2)))) + 7! + \sqrt{9}.$

5346 $:= (-5 \times 3!! + F(4!))/F(6)$
$:= (T(T(5)+3) + T(T(\sqrt{4}))!) \times 6.$

5379 $:= 5! \times 3 + 7! - F(F((\sqrt{9})!))$
$:= 5! \times 3 + 7! - T(T(\sqrt{9})).$

5394 $:= (-5! + 3!!) \times 9 - F(4)!$
$:= T(5 \times 3) \times T(9) - T(T(\sqrt{4})).$

5445 $:= (5! + F(\sqrt{4})) \times 45$
$:= (T(5) \times 4! + T(\sqrt{4})) \times T(5).$

5449 $:= -(5 - F(\sqrt{4}))! + F(F(F(F(4)!)))/F(\sqrt{9})$
$:= (-5! + T(T(T(4)))) \times 4 - T(T(T(\sqrt{9}))).$

5469 $:= (F(F(5 + F(4))) - F(6))/F(\sqrt{9})$
$:= -5! + 4! \times T(T(6)) + T(9).$

5474 $:= -5! + 4! \times F(F(7)) + \sqrt{4}$
$:= 5! \times T(T(4)) - T(T(7)) - (T(T(\sqrt{4})))!.$

5484 $:= 5 + F(4)! + F(F(8))/\sqrt{4}$
$:= (5! + 4!) \times T(8) + T(4!).$

5489 $:= -5 + F(F(F(4)!)) + F(F(8))/F(\sqrt{9})$
$:= 5 \times T(T(T(4))) - T(T(8 + \sqrt{9})).$

5592 $:= 5!/5 \times F(F(9-2))$
$:= 5!/T(5) \times (T(\sqrt{9})! - T(T(T(2)))).$

5649 $:= (-5! + F(6) \times F(4)!!) + 9$
$:= T(5! - T(6)) - T(T(T(\sqrt{4}))) + T(\sqrt{9})!.$

5734 $:= -5 + 7! - F(F((3)!)) + F(4)!!$
$:= -5 + 7! - T(T(3)) + T(T(\sqrt{4}))!.$

5739 $:= -F(-5 + F(7)) + 3!! \times F((\sqrt{9})!)$
$:= -T(5) + 7! + T(3)! - T(\sqrt{9}).$

5744 $:= (5 - 7 + F(4)!!) \times F(F(4)!)$
$:= 5 + 7! + T(T(\sqrt{4}))! - T(T(T(\sqrt{4}))).$

5749 $:= -5 + 7! + F(4)!! - (\sqrt{9})!$
$:= T(57) + 4^{T(\sqrt{9})}.$

5786 $:= 5 + 7! + F(8) + 6!$
$:= 5 + 7! + T(\sqrt{T(8)}) + 6!.$

5789 $:= -5! - 7! + F(F(8)) + \sqrt{9}$
$:= -T(5) - T(T(7)) + \sqrt{T(8)} \times T(T(9)).$

5794 $:= -5! - 7! + F((\sqrt{9})!) + F(F(F(F(4)!)))$
$:= T(-5 + T(7)) \times T(T(\sqrt{9})) - \sqrt{4}.$

5795 $:= (5 \times F(F(7)) - (\sqrt{9})!) \times 5$
$:= (-5 + T(7) \times T(T(9)))/5.$

5796 $:= F((-5 + F(7)) \times \sqrt{9})/F(6)$
$:= (5! - T(7)) \times \sqrt{9} \times T(6).$

5799 $:= 5 + 7! + (\sqrt{9})!! + F(9)$
$:= -5 - T(T(7)) + T(\sqrt{9}) \times T(T(9)).$

5874 $:= 5! + 8!/7 - F(4)!$
$:= -5! + T(T(8)) \times (7 + \sqrt{4}).$

5886 $:= (5! \times 8 + F(8)) \times 6$
$:= 5! + \sqrt{T(8)} + 8 \times 6!.$

5897 $:= F(F(F((-5+8)!))) - 9 - 7!$
$:= T(58) + T(T(T(\sqrt{9}) + 7)).$

5922 $:= F(-5 + F(F((\sqrt{9})!))) \times (F(2+2))!$
$:= (-5! + T(T(9 + T(2)))) \times 2.$

5928 $:= -5! + F((\sqrt{9} + F(2))!) - 8!$
$:= (5 + \sqrt{9}) \times T(2 + T(8)).$

5929 $:= ((5! + F(9))/2)^{F(\sqrt{9})}$
$:= (T(T(T(5) - 9)))^2/9.$

5934 $:= -5! + (\sqrt{9})! - F(3!)! + F(4!)$
$:= 5 + (T(T(T(\sqrt{9})))/3)^{\sqrt{4}}.$

5944 $:= 5! + (F((\sqrt{9})!) + F(4)!!) \times F(F(4)!)$
$:= T(5) - T(T(T(\sqrt{9}))) + 4 \times T(T(T(4)))$.

5946 $:= -5! + (T(T(9)) - 4!) \times 6$
$:= -\sqrt{5^{F((\sqrt{9})!)}} \times F(F(4)!) + F(F(F(6)))$.

5949 $:= F(5!/(\sqrt{9})!) - 4! \times F(9)$
$:= (-5 + T(9 \times 4)) \times 9$.

5950 $:= (5! - F(F(\sqrt{9}))) \times 50$
$:= (5 + T(9)) \times (5! - 0!)$.

5968 $:= (5 + (\sqrt{9})!! + F(F(6))) \times 8$
$:= (5 + T(T(\sqrt{9})) + 6!) \times 8$.

5979 $:= 5! \times F((\sqrt{9})!) + 7! - F(F((\sqrt{9})!))$
$:= T(5) \times (-T(\sqrt{9}) + T(T(7))) - T(T(\sqrt{9}))$.

5994 $:= (5! - 9) \times 9 \times F(4)!$
$:= (T(5) - T(\sqrt{9})) \times T(9 \times 4)$.

5997 $:= 5! \times F((\sqrt{9})!) - \sqrt{9} + 7!$
$:= -T(T(5) - \sqrt{9}) + T(T(9)) + 7!$.

6045 $:= -6! + F(04 \times 5)$
$:= (T(T(6 + 0!)) - T(\sqrt{4})) \times T(5)$.

6084 $:= (6 \times F(-0! + 8))^{\sqrt{4}}$
$:= T(T(6) - 0! - 8)^{\sqrt{4}}$.

6144 $:= F\left(\sqrt{F(6) + 1}\right)^{F(F(4)!)} \times 4!$
$:= 6 \times 1 \times \sqrt{4^{T(4)}}$.

6192 $:= 6! - 1 + F(F(F((\sqrt{9})!)))/2$
$:= 6 \times (T(T(1 \times 9)) - T(2))$.

6194 $:= 6! + 1 + F(F(F((\sqrt{9})!)))/\sqrt{4}$
$:= 6 \times (-1 + T(T(9))) - T(4)$.

6279 $:= (F(F(6)) + 2) \times F(7) \times F(F((\sqrt{9})!))$
$:= T(T(6)) + T(2) \times T(7 \times 9)$.

6462 $:= (6 + F(4)) \times (6! - 2)$
$:= (6! - \sqrt{4}) \times (6 + T(2))$.

6464 $:= (6! - \sqrt{4}) \times F(6) + F(4)!!$
$:= T(T(6)/T(\sqrt{4})) \times T(T(6)) - 4$.

6467 $:= (6 + F(4)) \times 6! - F(7)$
$:= (-6/T(T(\sqrt{4}))) + T(T(6)) \times T(7)$.

6474 $:= 6! \times \sqrt{4} + 7! - F(4)!$
$:= T(6 \times \sqrt{4}) \times (T(7) + T(T(4)))$.

6479 $:= (6! - F(\sqrt{4})) + 7! + (\sqrt{9})!!$
$:= (T(T(6)) + \sqrt{4}) \times T(7) - T(9)$.

6499 $:= (6! + \sqrt{4}) \times 9 + F(F(\sqrt{9}))$
$:= T(6) - \sqrt{4} + T(\sqrt{9})! \times 9$.

6549 $:= -\sqrt{6!/5} + F(4)^{F((\sqrt{9})!)}$
$:= -6 + 5! \times T(T(4)) - T(9)$.

6578 $:= -F(6)!/5! \times F(7) + F(F(8))$
$:= (T(6) + 5) \times T(T(7) - \sqrt{T(8)})$.

6579 $:= -F(F(6)) + 5! \times F(F(7) - \sqrt{9})$
$:= -T(6) + 5! \times T(7 + \sqrt{9})$.

6624 $:= F((\sqrt{F(6) + F(6)})!)/(F(2) + F(4)!)$
$:= T(T(6) + \sqrt{6 - 2}) \times 4!$.

6639 $:= F(6)!/6 - \sqrt{3^{F((\sqrt{9})!)}}$
$:= T(66) \times 3 + T(\sqrt{9})$.

6645 $:= -6!/6 + F(4 \times 5)$
$:= (T(6) \times T(6) + \sqrt{4}) \times T(5)$.

6669 $:= (6! + F(F(6))) \times (6 + \sqrt{9})$
$:= (6! + T(6)) \times (6 + \sqrt{9})$.

6684 $:= (-\sqrt{6^6} + 8!)/F(4)!$
$:= (T(T(6)) + 6! + (\sqrt{T(8)})!) \times 4$.

6699 $:= (F(6)! - F(F(6)) \times (\sqrt{9})!)/(\sqrt{9})!$
$:= T(T(6)) \times (-6!/T(9) + T(9))$.

6714 $:= F(6)!/(7 - 1) - F(4)!$
$:= -6 + (7 + 1)!/T(T(\sqrt{4}))$.

6739 $:= F(F(F(6)))/F(7) \times F((3)!) + \sqrt{9}$
$:= T(T(6)) + T(7) + T(3)! \times 9$.

6794 $:= -T(T(6) + 7) + T(\sqrt{9})! \times (T(4))$
$:= F(6 + 7) + 9^4$.

$$\begin{aligned}\mathbf{6885} &:= F(-F(6)/8 + F(8)) + 5! \\ &:= (T(-6 + T(8)) - \sqrt{T(8)}) \times T(5).\end{aligned}$$

$$\begin{aligned}\mathbf{6891} &:= 6 \times F(8) + F(F(F((\sqrt{9})!)) - 1) \\ &:= T(T(6)) + T(T(8)) \times (9 + 1).\end{aligned}$$

$$\begin{aligned}\mathbf{6924} &:= 6 \times (F(9)^2 - \sqrt{4}) \\ &:= 6! + T(T(9)) \times T(T(2)) - T(T(\sqrt{4})).\end{aligned}$$

$$\begin{aligned}\mathbf{6938} &:= F(F(6) + (\sqrt{9})!) + 3^8 \\ &:= 6 \times T(T(9)) + T(3)! + 8.\end{aligned}$$

$$\begin{aligned}\mathbf{6960} &:= F(6)!/F(F((\sqrt{9})!)) + (F(6) - 0!)! \\ &:= (T(6) + 9) \times (T(T(6)) + 0!).\end{aligned}$$

$$\begin{aligned}\mathbf{6966} &:= (F(F(6))^{F(\sqrt{9})} + 6!) \times 6 \\ &:= (6 + T(T(9))) \times 6 + 6!.\end{aligned}$$

$$\begin{aligned}\mathbf{6969} &:= 6 \times F(9) + F(F(F(6)) - F(F(\sqrt{9}))) \\ &:= -T(T(6)) + (T(\sqrt{9}))! + 6! \times 9.\end{aligned}$$

$$\begin{aligned}\mathbf{6974} &:= F(F(F(6)) - F(F(\sqrt{9}))) + F(F(7)) - 4! \\ &:= (T(T(T(6) - 9)) + T(T(7))) \times \sqrt{4}.\end{aligned}$$

$$\begin{aligned}\mathbf{6984} &:= 6! \times 9 + F(8) \times 4 \\ &:= 6! \times T(\sqrt{9}) + T(T(8)) \times 4.\end{aligned}$$

$$\begin{aligned}\mathbf{6990} &:= (-F(F(6)) + (\sqrt{9})!!) \times (9 + 0!) \\ &:= (-T(6) + (T(\sqrt{9}))!) \times (9 + 0!).\end{aligned}$$

$$\begin{aligned}\mathbf{7249} &:= 7! + F(2) + F(4!)/F(F((\sqrt{9})!)) \\ &:= 7! - 2 + T(T(\sqrt{4} + 9)).\end{aligned}$$

$$\begin{aligned}\mathbf{7384} &:= F(7) \times \sqrt{(F(3!) + 8!) \times F(F(4)!)} \\ &:= (T(T(7)) + T(3)! + (\sqrt{T(8)})!) \times 4.\end{aligned}$$

$$\begin{aligned}\mathbf{7444} &:= (F(F(7)) \times F(F(4)!) - F(4)) \times 4 \\ &:= (T(T(7)) \times T(T(4)) + \sqrt{4})/T(\sqrt{4}).\end{aligned}$$

$$\begin{aligned}\mathbf{7447} &:= 7^4 + F(4)! + 7! \\ &:= 7^4 + T(T(\sqrt{4})) + 7!.\end{aligned}$$

$$\begin{aligned}\mathbf{7449} &:= F(7) \times (4! \times 4! - \sqrt{9}) \\ &:= (T(7 \times T(4)) - \sqrt{4}) \times \sqrt{9}.\end{aligned}$$

$$\begin{aligned}\mathbf{7464} &:= F(F(7)) \times F(4) + F(F(F(6)) - F(\sqrt{4})) \\ &:= (-T(T(7)) - T(\sqrt{4}) + 6!) \times 4!.\end{aligned}$$

$$\begin{aligned}\mathbf{7475} &:= 7! + (F(4)!! - F(F(7))) \times 5 \\ &:= (T(T(7) - T(\sqrt{4}))) \times (T(7) - 5).\end{aligned}$$

$$\begin{aligned}\mathbf{7479} &:= 7 + \sqrt{4^{F(7)}} - (\sqrt{9})!! \\ &:= 7! + T(\sqrt{4}) + T(T(7)) \times T(\sqrt{9}).\end{aligned}$$

$$\begin{aligned}\mathbf{7488} &:= F(7) \times \sqrt{4!^{\sqrt{8+8}}} \\ &:= (T(7) - \sqrt{4}) \times 8 \times T(8).\end{aligned}$$

$$\begin{aligned}\mathbf{7491} &:= (F(F(7)) - F(4)!) \times (F(9) - 1) \\ &:= T(T(7)) \times T(T(T(\sqrt{4}))) - T(T(9 \times 1)).\end{aligned}$$

$$\begin{aligned}\mathbf{7494} &:= F(7) \times 4!^{F(\sqrt{9})} + F(4)! \\ &:= T(T(7)) \times T(T(T(\sqrt{4}))) - T(T(9)) + T(\sqrt{4}).\end{aligned}$$

$$\begin{aligned}\mathbf{7497} &:= F(7) \times F(F(F(4)!)) \times 9 + 7! \\ &:= \sqrt{7^4} \times T(T(9) - T(7)).\end{aligned}$$

$$\begin{aligned}\mathbf{7539} &:= (-7 + 5! \times F(F(3!))) \times \sqrt{9} \\ &:= (-7 + 5! \times T(T(3))) \times \sqrt{9}.\end{aligned}$$

$$\begin{aligned}\mathbf{7599} &:= (F(7) + 5! \times F(F((\sqrt{9})!))) \times \sqrt{9} \\ &:= T(-T(7) + 5!) + T(9 \times 9).\end{aligned}$$

$$\begin{aligned}\mathbf{7629} &:= 7 \times F(F(6) \times 2) + (\sqrt{9})!! \\ &:= (-T(T(7)) + 6!) \times T(T(T(2))) + T(T(9)).\end{aligned}$$

$$\begin{aligned}\mathbf{7679} &:= 7 \times (6! + F(7 \times F(\sqrt{9}))) \\ &:= -T(T(7)) + (-T(6) + T(T(7))) \times T(T(\sqrt{9})).\end{aligned}$$

$$\begin{aligned}\mathbf{7686} &:= 7! + F(F(6)) \times F(8) \times 6 \\ &:= 7! + T(6) \times \sqrt{T(8)} \times T(6).\end{aligned}$$

$$\begin{aligned}\mathbf{7744} &:= (F(7) \times 7 - F(4))^{\sqrt{4}} \\ &:= 7! + (T(7) + 4!)^{\sqrt{4}}.\end{aligned}$$

$$\begin{aligned}\mathbf{7749} &:= F(F(-7 + F(7))) + F(4!)/(\sqrt{9})! \\ &:= T(-7 - 7 + T(T(4))) \times 9.\end{aligned}$$

$$\begin{aligned}\mathbf{7784} &:= 7! + (-7 + F(8))^{F(4)} \\ &:= T(7) \times (-T(7) + \sqrt{T(8)} + T(4!)).\end{aligned}$$

$$\begin{aligned}\mathbf{7854} &:= (F(F(7)) + F(8) + 5!) \times F(F(F(4)!)) \\ &:= (T(7) + \sqrt{T(8)}) \times T(T(T(\sqrt{5+4}))).\end{aligned}$$

$$\begin{aligned}\mathbf{7932} &:= F(7) \times F(9 + 3!) + 2 \\ &:= (T(T(7)) + T(\sqrt{9})) \times T(T(3)) - T(T(2))!.\end{aligned}$$

$$\mathbf{7944} := F(F(7)) \times F(9) + 4! - \sqrt{4}$$
$$:= (T(7) + \sqrt{9} + T(4!)) \times 4!.$$

$$\mathbf{7945} := F(7)^{F(\sqrt{9})} + F(4)!^5$$
$$:= (T(7) + T(T(\sqrt{9})) + T(T(T(4)))) \times 5.$$

$$\mathbf{7947} := 7! + (\sqrt{9})!! + F(4)^7$$
$$:= 7! + T(\sqrt{9})! + T(\sqrt{4})^7.$$

$$\mathbf{7949} := F(F(7)) \times F(9) + 4! + \sqrt{9}$$
$$:= -7 + T(\sqrt{9}) \times T(T(T(\sqrt{4})) + T(9)).$$

$$\mathbf{7974} := F(F(7)) \times F(9) + F(7) \times 4$$
$$:= T(T(7)) \times 9 + 7! - T(T(\sqrt{4}))!.$$

$$\mathbf{7986} := F(F(7)) \times F(9) + 8 \times F(6)$$
$$:= 7 \times T(T(9)) + T(\sqrt{T(8)}) + 6!.$$

$$\mathbf{7992} := (F(F(7)) + F(\sqrt{9})) \times F(9) + 2$$
$$:= (7! - 9 - T(T(9))) \times 2.$$

$$\mathbf{8145} := 81 + F(F(4)!)!/5$$
$$:= (\sqrt{T(8)})! + T(-1 + T(T(4))) \times 5.$$

$$\mathbf{8247} := F(8 + 2) + \sqrt{4^{F(7)}}$$
$$:= -T(\sqrt{T(8)}) + T(T(2)) \times T(4! + T(7)).$$

$$\mathbf{8297} := 8!/(2 + \sqrt{9}) + F(F(7))$$
$$:= 8 \times (T(2) + T(T(9))) - 7.$$

$$\mathbf{8379} := F(8)^{F(3)} \times (F(7) + (\sqrt{9})!)$$
$$:= (T(T(8) + T(3)) + T(7)) \times 9.$$

$$\mathbf{8469} := F(8) + F(4!)/6 + (\sqrt{9})!!$$
$$:= T(8) \times (T(\sqrt{4}) + T(T(6))) + T(9).$$

$$\mathbf{8594} := F(F(8)) + (-5! + F((\sqrt{9})!)) \times F(F(F(4)!))$$
$$:= -T(T(8)) + T(5) \times T(\sqrt{9})! - T(T(T(4))).$$

$$\mathbf{8684} := F(F(8)) - F(6 + 8) \times F(4)!$$
$$:= (-8 + T(6)) \times (T(T(8)) + \sqrt{4}).$$

$$\mathbf{8793} := F(F(8)) + 7 - \sqrt{9} \times 3!!$$
$$:= T(8) + T(T(7)) \times T(T(\sqrt{9})) + T(T(T(3))).$$

$$\mathbf{8799} := (-8 + T(T(7)) + T(T(\sqrt{9}))) \times T(T(\sqrt{9}))$$
$$:= F(F(8)) + F(7) - \sqrt{9} \times (\sqrt{9})!!.$$

$$\mathbf{8932} := (F(F(8)) - 9 \times 3!!) \times 2$$
$$:= (T(T(\sqrt{T(8)})) \times T(T(T(\sqrt{9}))) + T(T(T(3))))/T(T(2)).$$

$$\mathbf{8944} := (8!/9 - F(F(4)!)) \times \sqrt{4}$$
$$:= 8 \times (T(T(9) + \sqrt{4}) - T(4)).$$

$$\mathbf{8947} := 8!/9 \times \sqrt{4} - F(7)$$
$$:= -(\sqrt{T(8)})! + T(T(\sqrt{9}))^{T(\sqrt{4})} + T(T(7)).$$

$$\mathbf{9048} := (\sqrt{9} + 0!)! \times F(F(4)! + 8)$$
$$:= (T(T(T(\sqrt{9}))) + 0!) \times (T(\sqrt{4}) + T(8)).$$

$$\mathbf{9249} := F(9)^2 \times F(F(4)!) + F(F(\sqrt{9}))$$
$$:= 9 + T(T(2)) \times T(T(4) + T(9)).$$

$$\mathbf{9253} := -F((\sqrt{9})!) + F(F(F(2) + 5))^3$$
$$:= T(T(\sqrt{9}))^{T(2)} - 5 - 3.$$

$$\mathbf{9260} := F(F((\sqrt{9})!))^{F(-2+6)} - 0!$$
$$:= T(T(\sqrt{9}))^{T(2)} - (6 \times 0)!.$$

$$\mathbf{9262} := F(F((\sqrt{9})!))^{F(-2+6)} + F(2)$$
$$:= \sqrt{9} - 2 + T(6)^{T(2)}.$$

$$\mathbf{9282} := F(F((\sqrt{9})!)) \times (F(2) + F(8)^2)$$
$$:= T(T(\sqrt{9})) + T(-2 + 8)^{T(2)}.$$

$$\mathbf{9284} := F(F((\sqrt{9})!)) + 2 + F(8)^{F(4)}$$
$$:= T(T(\sqrt{9}))^{T(2)} + T(\sqrt{T(8)}) + \sqrt{4}.$$

$$\mathbf{9285} := F(F(F((\sqrt{9})!)) - F(2)) + F(8) \times 5!$$
$$:= (-T(9) - 2 + T(T(8))) \times T(5).$$

$$\mathbf{9294} := F(9) - F(2) + F(F((\sqrt{9})!))^{F(4)}$$
$$:= (T(T(9)) - 2) \times 9 - T(\sqrt{4}).$$

$$\mathbf{9324} := F(F((\sqrt{9})!)) \times (F(F(3!))^2 + F(4))$$
$$:= (T(T(9)) \times 3 + T(2)) \times T(\sqrt{4}).$$

$$\mathbf{9339} := F(9 - F(3)) \times 3!! - F(F((\sqrt{9})!))$$
$$:= T(9 + 3) + T(T(3))^{\sqrt{9}}.$$

$$\mathbf{9345} := F(F((\sqrt{9})!)) \times (F(F(3!) + F(4))) \times 5$$
$$:= T(T(\sqrt{9})) \times (T(3)! - T(T(4)) \times 5).$$

$$\mathbf{9347} := (-\sqrt{9} + 3!! + \sqrt{4}) \times F(7)$$
$$:= 9 + (T(T(3)) + \sqrt{4}) \times T(T(7)).$$

$$\begin{aligned}\mathbf{9352} &:= -F((\sqrt{9})!) + 3!! \times (F(5+2))\\ &:= T(T(\sqrt{9}))^3 + T(T(5) - 2).\end{aligned}$$

$$\begin{aligned}\mathbf{9354} &:= -(\sqrt{9})! + 3!! \times F(5+\sqrt{4})\\ &:= -T(\sqrt{9}) + T(3)! \times (T(5) - \sqrt{4}).\end{aligned}$$

$$\begin{aligned}\mathbf{9357} &:= -\sqrt{9} + 3! \times 5! \times F(7)\\ &:= -\sqrt{9} + T(3)! \times (-T(5) + T(7)).\end{aligned}$$

$$\begin{aligned}\mathbf{9369} &:= F(9 - F(3)) \times 6! + 9\\ &:= (T(T(9)) + T(3)) \times (6 + \sqrt{9}).\end{aligned}$$

$$\begin{aligned}\mathbf{9372} &:= (F(F(\sqrt{9})) + 3!!) \times F(7) - F(2)\\ &:= T(\sqrt{9})! + T(T(3)) \times (T(T(7)) + T(T(2))).\end{aligned}$$

$$\begin{aligned}\mathbf{9378} &:= (F(\sqrt{9}) + 3!!) \times F(7) - 8\\ &:= T(\sqrt{9})! + (T(3) + 7) \times T(T(8)).\end{aligned}$$

$$\begin{aligned}\mathbf{9381} &:= F(F((\sqrt{9})!)) + 3!! \times F(8-1)\\ &:= T(T(\sqrt{9}))^3 + (\sqrt{T(8)} - 1)!.\end{aligned}$$

$$\begin{aligned}\mathbf{9384} &:= (\sqrt{9})!! \times (-F(3!) + F(8)) + 4!\\ &:= T(T(9) + 3) \times 8 - 4!.\end{aligned}$$

$$\begin{aligned}\mathbf{9387} &:= F(F((\sqrt{9})!)) \times (3!! - F(8) \times F(7))\\ &:= (-T(9) + T(3)! + T(T(8))) \times 7.\end{aligned}$$

$$\begin{aligned}\mathbf{9397} &:= -F(\sqrt{9}) + (3!! + \sqrt{9}) \times F(7)\\ &:= (T(T(9)) + T(3)) \times 9 + T(7).\end{aligned}$$

$$\begin{aligned}\mathbf{9425} &:= F((\sqrt{9})! + F(F(4)!)) \times 25\\ &:= (-T(\sqrt{9}) + T(T(T(4)) + T(T(2)))) \times 5.\end{aligned}$$

$$\begin{aligned}\mathbf{9438} &:= ((\sqrt{9})! + F(4)!!) \times (-F(3!) + F(8))\\ &:= (9+4) \times (T(3)! + \sqrt{T(8)}).\end{aligned}$$

$$\begin{aligned}\mathbf{9447} &:= 9 + (F(4)! + F(4)!!) \times F(7)\\ &:= \sqrt{9} - T(4!) + 4! \times T(T(7)).\end{aligned}$$

$$\begin{aligned}\mathbf{9450} &:= F(F((\sqrt{9})!)) \times 450\\ &:= T(9) \times T(4 \times 5 + 0).\end{aligned}$$

$$\begin{aligned}\mathbf{9474} &:= 9^{F(4)} \times F(7) - F(4)\\ &:= (-\sqrt{9} - T(4!) + 7!) \times \sqrt{4}.\end{aligned}$$

$$\begin{aligned}\mathbf{9494} &:= F(F((\sqrt{9})!))^{F(4)} + F(9+4)\\ &:= T(T(T(\sqrt{9}))) + (\sqrt{4} + T(T(\sqrt{9}))^{T(\sqrt{4})}).\end{aligned}$$

$$\begin{aligned}\mathbf{9495} &:= (F((\sqrt{9})!)!/F(F(F(4)!)) - F(F((\sqrt{9})!))) \times 5\\ &:= T(9) \times (4! \times 9 - 5).\end{aligned}$$

$$\begin{aligned}\mathbf{9497} &:= F(F((\sqrt{9})!))^{F(4)} + \sqrt{9} + F(F(7))\\ &:= -9 + \sqrt{4} \times T(97).\end{aligned}$$

$$\begin{aligned}\mathbf{9498} &:= -((\sqrt{9})!! + 4) \times F(\sqrt{9}) + F(F(8))\\ &:= T(T(\sqrt{9}))^{T(\sqrt{4})} + T(\sqrt{9}) + T(T(\sqrt{T(8)})).\end{aligned}$$

$$\begin{aligned}\mathbf{9534} &:= -F(F(F((\sqrt{9})!))) + 5 \times F(3!)^4\\ &:= -T(T(T(\sqrt{9}))) + T(5 \times T(3)) \times T(T(T(\sqrt{4}))).\end{aligned}$$

$$\begin{aligned}\mathbf{9582} &:= (\sqrt{9})! \times F(5!/8 + 2)\\ &:= (T(95) + T(T(\sqrt{T(8)}))) \times 2.\end{aligned}$$

$$\begin{aligned}\mathbf{9594} &:= (\sqrt{9})!! \times 5!/9 - F(4)!\\ &:= (\sqrt{9} + 5!) \times T(\sqrt{9} \times 4).\end{aligned}$$

$$\begin{aligned}\mathbf{9599} &:= (\sqrt{9})!! \times 5!/9 - F(F(\sqrt{9}))\\ &:= (T(\sqrt{9})! \times 5! - 9)/9.\end{aligned}$$

$$\begin{aligned}\mathbf{9645} &:= (9 + F(6)!/F(F(F(4)!))) \times 5\\ &:= (T(\sqrt{9})! - T(T(6))/T(\sqrt{4})) \times T(5).\end{aligned}$$

$$\begin{aligned}\mathbf{9647} &:= (F((\sqrt{9})!)! - F(F(F(6))))/\sqrt{4} - 7!\\ &:= T(9) \times T(T(6)) - T(T(\sqrt{4}))! - T(7).\end{aligned}$$

$$\begin{aligned}\mathbf{9667} &:= F(9) + (6! + F(F(6))) \times F(7)\\ &:= T(T(\sqrt{9})) \times T(6) \times T(6) + T(T(7)).\end{aligned}$$

$$\begin{aligned}\mathbf{9699} &:= (-F((\sqrt{9})!)! + F(F(F(6))) \times 9)/(\sqrt{9})!\\ &:= -\sqrt{9} + T(T(6)) \times (T(9) - \sqrt{9}).\end{aligned}$$

$$\begin{aligned}\mathbf{9723} &:= (-\sqrt{9} + F(F(7)) \times 2) \times F(F(3!))\\ &:= T(T(\sqrt{9})) + 7 \times T(T(2)) \times T(T(T(3))).\end{aligned}$$

$$\begin{aligned}\mathbf{9724} &:= F(9) \times F(7) \times (-2 + 4!)\\ &:= (T(\sqrt{9})! + T(7)) \times (T(2) + T(4)).\end{aligned}$$

$$\begin{aligned}\mathbf{9740} &:= ((\sqrt{9})!! - F(F(7))) \times (F(F(F(4)!)) - 0!)\\ &:= -\sqrt{9} + T(T(7)) \times 4! - 0!.\end{aligned}$$

$$\begin{aligned}\mathbf{9744} &:= (-(\sqrt{9})!! + F(F(7)) \times 4!) \times \sqrt{4}\\ &:= T(\sqrt{9}) \times T(7 \times 4) \times 4.\end{aligned}$$

$$\begin{aligned}\mathbf{9753} &:= F(F(F((\sqrt{9})!))) - F(F(7)) - 5! \times F(3!)\\ &:= 9 + T(T(7)) \times (\sqrt{-5 + T(T(3))})!.\end{aligned}$$

9772 $:= (F(F((\sqrt{9})!)) \times F(F(7)) - 7) \times 2$
$:= T(97) + 7! - T(T(T(2)))$.

9774 $:= (\sqrt{9})! \times (7 \times F(F(7)) - \sqrt{4})$
$:= (-T(T(9) - T(7)) + 7!) \times \sqrt{4}$.

9786 $:= F(\sqrt{9}) \times 7 \times (-F(8) + 6!)$
$:= (T(T(\sqrt{9})) - 7) \times ((\sqrt{T(8)})! - T(6))$.

9793 $:= -9 + F(7) \times (F(9) + 3!!)$
$:= T(97) + (T(T(\sqrt{9}))/3)!$.

9849 $:= -(\sqrt{9})!! + F(F(8)) - F(F(4)! + F((\sqrt{9})!))$
$:= 9!/T(8) - T(4! - \sqrt{9})$.

9864 $:= 9!/T(8) - 6^{T(\sqrt{4})}$
$:= (F(9) + F(8 + 6)) \times 4!$.

9954 $:= F(F((\sqrt{9})!)) \times (-(\sqrt{9})! + 5! \times 4)$
$:= T(T(\sqrt{9})) \times (9 + T(5!/4))$.

9974 $:= F(F((\sqrt{9})!))^{\sqrt{9}} - 7 + F(4)!!$
$:= T(T(\sqrt{9}))^{\sqrt{9}} - 7 + (T(T(\sqrt{4})))!$.

9981 $:= F(F((\sqrt{9})!))^{\sqrt{9}} + (\sqrt{8+1})!!$
$:= 9 \times T(T(9)) + T(T(8 \times 1))$.

9983 $:= (\sqrt{9})!! + F(\sqrt{9}) + F(8)^3$
$:= (-T(T(\sqrt{9})) + T(9) \times T(T(8)))/3$.

9984 $:= (\sqrt{9})!! + \sqrt{9} + F(8)^{F(4)}$
$:= 9 \times T(T(9)) + T(T(8)) + T(\sqrt{4})$.

9985 $:= F(F(F((\sqrt{9})!))) - F(F(\sqrt{9})) - 8 \times 5!$
$:= T(9)/\sqrt{9} \times T(T(8)) - 5$.

9989 $:= F((\sqrt{9})!) + (\sqrt{9})!! + F(8)^{\sqrt{9}}$
$:= (-\sqrt{9} + T(9) \times T(T(8)))/\sqrt{9}$.

9993 $:= F(9) - F(F((\sqrt{9})!) + F((\sqrt{9})!)) + F(F(F(3!)))$
$:= \sqrt{9} + T(9) \times (-9 + T(T(T(3))))$.

9994 $:= -(\sqrt{9})! + (F(F(\sqrt{9})) + 9)^4$
$:= (T(T(T(\sqrt{9}))) - 9) \times T(9) + 4$.

9995 $:= F(F(F((\sqrt{9})!))) + 9 - F((\sqrt{9})!) \times 5!$
$:= (T(T(T(\sqrt{9}))) - 9) \times T(9) + 5$.

9996 $:= ((\sqrt{9})! + F((\sqrt{9})!)) \times F(9) \times F(F(6))$
$:= (T(\sqrt{9}) + T(9) \times (-9 + T(T(6))))$.

9998 $:= -9! + (F(9) \times (F(F((\sqrt{9})!)) + F(F(8))))$
$:= (T(T(T(\sqrt{9}))) - 9) \times T(9) + 8$.

2.4.2. ***Reverse Order of Digits.***

3840 $:= 0 + \sqrt{4} \times 8!/F(F(3!)) = 0 + \sqrt{4} \times 8!/T(T(3))$.
3841 $:= 1 + \sqrt{4} \times 8!/F(F(3!)) = 1 + \sqrt{4} \times 8!/T(T(3))$.
3842 $:= 2 + \sqrt{4} \times 8!/F(F(3!)) = 2 + \sqrt{4} \times 8!/T(T(3))$.
3843 $:= 3 + \sqrt{4} \times 8!/F(F(3!)) = 3 + \sqrt{4} \times 8!/T(T(3))$.
3844 $:= 4 + \sqrt{4} \times 8!/F(F(3!)) = 4 + \sqrt{4} \times 8!/T(T(3))$.
3845 $:= 5 + \sqrt{4} \times 8!/F(F(3!)) = 5 + \sqrt{4} \times 8!/T(T(3))$.
3846 $:= 6 + \sqrt{4} \times 8!/F(F(3!)) = 6 + \sqrt{4} \times 8!/T(T(3))$.
3847 $:= 7 + \sqrt{4} \times 8!/F(F(3!)) = 7 + \sqrt{4} \times 8!/T(T(3))$.
3848 $:= 8 + \sqrt{4} \times 8!/F(F(3!)) = 8 + \sqrt{4} \times 8!/T(T(3))$.
3849 $:= 9 + \sqrt{4} \times 8!/F(F(3!)) = 9 + \sqrt{4} \times 8!/T(T(3))$.

4480 $:= 0 + 8!/(F(4) \times F(4)) = 0 + 8!/(T(\sqrt{4}) \times T(\sqrt{4}))$.
4481 $:= 1 + 8!/(F(4) \times F(4)) = 1 + 8!/(T(\sqrt{4}) \times T(\sqrt{4}))$.
4482 $:= 2 + 8!/(F(4) \times F(4)) = 2 + 8!/(T(\sqrt{4}) \times T(\sqrt{4}))$.
4483 $:= 3 + 8!/(F(4) \times F(4)) = 3 + 8!/(T(\sqrt{4}) \times T(\sqrt{4}))$.
4484 $:= 4 + 8!/(F(4) \times F(4)) = 4 + 8!/(T(\sqrt{4}) \times T(\sqrt{4}))$.
4485 $:= 5 + 8!/(F(4) \times F(4)) = 5 + 8!/(T(\sqrt{4}) \times T(\sqrt{4}))$.
4486 $:= 6 + 8!/(F(4) \times F(4)) = 6 + 8!/(T(\sqrt{4}) \times T(\sqrt{4}))$.
4487 $:= 7 + 8!/(F(4) \times F(4)) = 7 + 8!/(T(\sqrt{4}) \times T(\sqrt{4}))$.
4488 $:= 8 + 8!/(F(4) \times F(4)) = 8 + 8!/(T(\sqrt{4}) \times T(\sqrt{4}))$.
4489 $:= 9 + 8!/(F(4) \times F(4)) = 9 + 8!/(T(\sqrt{4}) \times T(\sqrt{4}))$.

5490 $:= 0 + 9 \times F(F(4) \times 5) = 0 + T(9) \times (\sqrt{4} + 5!)$.
5491 $:= 1 + 9 \times F(F(4) \times 5) = 1 + T(9) \times (\sqrt{4} + 5!)$.
5492 $:= 2 + 9 \times F(F(4) \times 5) = 2 + T(9) \times (\sqrt{4} + 5!)$.
5493 $:= 3 + 9 \times F(F(4) \times 5) = 3 + T(9) \times (\sqrt{4} + 5!)$.
5494 $:= 4 + 9 \times F(F(4) \times 5) = 4 + T(9) \times (\sqrt{4} + 5!)$.
5495 $:= 5 + 9 \times F(F(4) \times 5) = 5 + T(9) \times (\sqrt{4} + 5!)$.
5496 $:= 6 + 9 \times F(F(4) \times 5) = 6 + T(9) \times (\sqrt{4} + 5!)$.
5497 $:= 7 + 9 \times F(F(4) \times 5) = 7 + T(9) \times (\sqrt{4} + 5!)$.
5498 $:= 8 + 9 \times F(F(4) \times 5) = 8 + T(9) \times (\sqrt{4} + 5!)$.
5499 $:= 9 + 9 \times F(F(4) \times 5) = 9 + T(9) \times (\sqrt{4} + 5!)$.

42 $:= 2 \times F(F(F(4)!))$
$:= T(T(T(2))) \times \sqrt{4}$.

48 $:= 8 \times F(4)!$
$:= 8 \times T(T(\sqrt{4}))$.

284 $:= \sqrt{(F(F(4)!) + 8!) \times 2}$
$:= T(4!) - 8 \times 2$.

239 $:= (\sqrt{9})! + F(F(3! + F(2)))$
$:= (-\sqrt{9} + T(3)!)/T(2)$.

297 $:= F(F(7)) + F((\sqrt{9})!)^2$
$:= T((\sqrt{7+9})!) - T(2)$.

339 $:= (\sqrt{9})!!/F(3) - F(F(3!))$
$:= T(T(9))/3 - T(3)$.

398 $:= F(8) + F((\sqrt{9})! + F(3!))$
$:= -8 + T(T(T(T(\sqrt{9}))/3))$.

399 $:= F(F((\sqrt{9})!)) \times (-(\sqrt{9}) + F(F(3!)))$
$:= 9 \times T(9) - T(3)$.

439 $:= -F(\sqrt{9}) + F(F(3!))^{\sqrt{4}}$
$:= T(T(\sqrt{9})) \times T(T(3)) - \sqrt{4}$.

441 $:= F(F(F(1 \times 4)!))^{\sqrt{4}}$
$:= (T(T(-1 + 4)))^{\sqrt{4}}$.

442 $:= F(2) + F(F(F(4)!))^{\sqrt{4}}$
$:= (T(T(T(T(2)))) - T(4)) \times \sqrt{4}$.

443 $:= F(F(3!))^{\sqrt{4}} + \sqrt{4}$
$:= T(T(3))^{\sqrt{4}} + \sqrt{4}$.

444 $:= F(F((F(4))!))^{\sqrt{4}} + F(4)$
$:= T(T(\sqrt{4})) \times 4! + T(4!)$.

447 $:= -F(7) \times F(F(F(4)!)) + F(4)!!$
$:= 7 \times T(T(T(\sqrt{4}))) + T(4!)$.

449 $:= F(F((\sqrt{9})!))^{\sqrt{4}} + F(F(4)!)$
$:= T(T(\sqrt{9})) \times 4! - T(T(4))$.

459 $:= -F(F((\sqrt{9})!)) + 5! \times 4$
$:= \sqrt{9} \times T(T(5) + \sqrt{4})$.

464 $:= -\sqrt{4^{F(6)}} + F(4)!!$
$:= \sqrt{4} \times T(T(6)) + \sqrt{4}$.

474 $:= (4 + F(F(7))) \times \sqrt{4}$
$:= (-T(4!) + 7!)/T(4)$.

483 $:= F(F(3!)) \times (F(8) + \sqrt{4})$
$:= -T(T(3)) + T(\sqrt{T(8)}) \times 4!$.

496 $:= -F(6) + 9!/F(4)!!$
$:= T(T(6)/\sqrt{9} + 4!)$.

594 $:= F(4)!! - (\sqrt{9})! - 5!$
$:= -T(T(\sqrt{4})) + T(\sqrt{9})! - 5!$.

648 $:= 8 \times \sqrt{F(4)^{F(6)}}$
$:= T(8) \times (4! - 6)$.

664 $:= F(4)!! - F(6)!/6!$
$:= -\sqrt{4} + T(6 \times 6)$.

696 $:= 6! - \sqrt{9} \times F(6)$
$:= 6! - T(9) + T(6)$.

699 $:= (9 - \sqrt{9})! - F(F(6))$
$:= (9 - \sqrt{9})! - T(6)$.

699 $:= (9 - \sqrt{9})! - F(F(6))$
$:= (9 - \sqrt{9})! - T(6)$.

714 $:= -F(4)! + (-1 + 7)!$
$:= -T(T(\sqrt{4})) + (-1 + 7)!$.

734 $:= F(\sqrt{4}) + 3!! + F(7)$
$:= T(T(T(\sqrt{4}))) + T(3)! - 7$.

739 $:= (\sqrt{9})! + 3!! + F(7)$
$:= -9 + T(3)! + T(7).$

746 $:= 6! + \sqrt{4} \times F(7)$
$:= 6! - \sqrt{4} + T(7).$

945 $:= 5 \times F(F(F(4)!)) \times 9$
$:= (T(5) + T(4!)) \times \sqrt{9}.$

979 $:= F(9+7) - F((\sqrt{9})!)$
$:= T(T(T(\sqrt{9}))) + T(7) + T(\sqrt{9})!.$

984 $:= F(4! - 8) - \sqrt{9}$
$:= T(4!) - T(8) + T(\sqrt{9})!.$

993 $:= F(F(3!) \times F(\sqrt{9})) + (\sqrt{9})!$
$:= ((3 + T(T(9))) - T(9)).$

995 $:= F(-5 + F(F((\sqrt{9})!))) + F((\sqrt{9})!)$
$:= 5 + T(T(9)) - T(9).$

0148 $:= F(8) \times (F(4)! + 1) + 0!$
$:= -\sqrt{T(8)} + T(T(T(4)))/10.$

0188 $:= F(8) \times (8+1) - 0!$
$:= T(\sqrt{T(8)}) \times (8+1) - 0!.$

0193 $:= F(3!) \times (\sqrt{9}+1)! + 0!$
$:= 3 + T(9+10).$

0196 $:= (F(6) + (\sqrt{9})!)^{1+0!}$
$:= 6 + T(9+10).$

0245 $:= (5! + F(4)) \times 2 - 0!$
$:= T(5)^{\sqrt{4}} + 20.$

0279 $:= F(F((\sqrt{9})!)) \times F(7) + (2+0!)!$
$:= 9 \times (T(7) + T(2+0)).$

0283 $:= \sqrt{(F(3!) + 8!) \times 2} - 0!$
$:= -T(3) + T(8) + T(T(T(T(2))) + 0!).$

0284 $:= 4 \times \sqrt{(8 - F(2))! + 0!}$
$:= 4 \times (T(8) \times 2 - 0!).$

0297 $:= F(F(7)) + F(\sqrt{9})^{(2+0!)!}$
$:= -T(7) + T(T(9) - 20).$

0394 $:= F(4)!!/F(\sqrt{9}) + F(F(3!) + 0!)$
$:= T(4!) + 93 + 0!.$

0396 $:= 6 \times \sqrt{9} \times (F(F(3!)) + 0!)$
$:= (T(6) + T(9)) \times T(3+0).$

0419 $:= (F(F((\sqrt{9})!)) - 1) \times F(F(F(4)!)) - 0!$
$:= T(\sqrt{9})! - 1 - T((4+0)!).$

0426 $:= 6 \times \sqrt{F(2) + (F(4)! + 0!)!}$
$:= 6 \times (T(2) \times 4! - 0!).$

0427 $:= \sqrt{7! + F(2)} \times F(4)! + 0!$
$:= T(T(7)) + T(2+4+0).$

0463 $:= F(F(3!)) + F(F(6))^{\sqrt{4}} + 0!$
$:= T(T(3)) + T(6)^{\sqrt{4}} + 0!.$

0465 $:= F(5 + F(6)) \times \sqrt{4} - 0!$
$:= T(5 \times 6 + 4 \times 0).$

0467 $:= F(7+6) \times \sqrt{4} + 0!$
$:= T(T(7)) + T(6) + 40.$

0475 $:= (5 + F(F(7))) \times \sqrt{4} - 0!$
$:= T(5) \times T(7) + T(T(4+0)).$

0478 $:= -8 - F(F(7)) + F(4)!! - 0!$
$:= \sqrt{T(8)} + T(T(7)) + T(T(4) + 0!).$

0479 $:= ((\sqrt{9})! + F(F(7))) \times \sqrt{4} + 0!$
$:= T(T(T(\sqrt{9}))) - T(7) + T(4! - 0!).$

0481 $:= (-1 + F(8)) \times 4! + 0!$
$:= (-1 + T(\sqrt{T(8)})) \times 4! + 0!.$

0482 $:= -F(2) + F(8) \times (4! - 0!)$
$:= 2 \times ((\sqrt{T(8)})!/T(\sqrt{4}) + 0!).$

0489 $:= (\sqrt{9})! + F(8) \times (4! - 0!)$
$:= T(T(9)) - T(T(8)) + (4+0!)!.$

0493 $:= 3!! + (\sqrt{9})! - F(F(F(4)! + 0!))$
$:= -3 + T(-9 + 40).$

0495 $:= F(5 \times F(\sqrt{9})) \times (F(F(4)!) + 0!)$
$:= T(5) \times (9 + 4! + 0).$

0499 $:= F(\sqrt{9})^9 - F(F(4)! + 0!)$
$:= T(5) \times (9 + 4! + 0).$

0529 $:= (F(F((\sqrt{9})!)) + 2)^{\sqrt{5-0!}}$
$:= T(9 \times T(2) + 5) + 0!.$

$$\begin{aligned}\mathbf{0532} &:= -2+3!\times F(\sqrt{5!+0!})\\ &:= T(T(T(T(2))))+T((\sqrt{T(T(3))-5})!)+0!.\end{aligned}$$

$$\begin{aligned}\mathbf{0544} &:= -(F(F(4)!))\times(F(F(F(4)!))-F(\sqrt{5!+0!}))\\ &:= (4!+T(4))\times(T(5)+0!).\end{aligned}$$

$$\begin{aligned}\mathbf{0547} &:= F(7)+(F(4)!\times F(\sqrt{5!+0!}))\\ &:= 7\times T(\sqrt{4!+5!})+0!.\end{aligned}$$

$$\begin{aligned}\mathbf{0549} &:= 9\times(\sqrt{F(4)!!\times 5}+0!)\\ &:= 9\times(4\times T(5)+0!).\end{aligned}$$

$$\begin{aligned}\mathbf{0567} &:= 7\times(-F(6)+F(\sqrt{5!+0!}))\\ &:= T(7)\times T(6)-T(5+0!).\end{aligned}$$

$$\begin{aligned}\mathbf{0579} &:= \sqrt{9}\times F(F(7))-(5+0)!\\ &:= T(T(9))-T(T(7))-50.\end{aligned}$$

$$\begin{aligned}\mathbf{0589} &:= F(-(\sqrt{9})!+F(8))-F(F(5+0!))\\ &:= -T(\sqrt{9})+T(T(8)-\sqrt{5-0!}).\end{aligned}$$

$$\begin{aligned}\mathbf{0594} &:= F(4)!\times 9\times\sqrt{5!+0!}\\ &:= (T(4!)-\sqrt{9})\times\sqrt{5-0!}.\end{aligned}$$

$$\begin{aligned}\mathbf{0597} &:= -F(7)+F(\sqrt{9}\times(5+0))\\ &:= T(T(7)+T(\sqrt{9}))+\sqrt{5-0!}.\end{aligned}$$

$$\begin{aligned}\mathbf{0599} &:= \sqrt{9!-F(9)\times 5!+0!}\\ &:= T(9)/9\times 5!-0!.\end{aligned}$$

$$\begin{aligned}\mathbf{0609} &:= F(9+06)-0!\\ &:= T(T(\sqrt{9}))\times(0!+T(6+0!)).\end{aligned}$$

$$\begin{aligned}\mathbf{0659} &:= F(9)+\sqrt{5^{F(6+0)}}\\ &:= -T(9)-T(5)+6!-0!.\end{aligned}$$

$$\begin{aligned}\mathbf{0678} &:= -F(8)+F(F(7))\times\sqrt{F(6)+0!}\\ &:= -T(8)-7+6!+0!.\end{aligned}$$

$$\begin{aligned}\mathbf{0695} &:= 5^{F(\sqrt{9})}+6!\times 0!\\ &:= T(5)\times T(9)+T(6)-0!.\end{aligned}$$

$$\begin{aligned}\mathbf{0709} &:= (\sqrt{9})!!+0!-F(7)+0!\\ &:= T(\sqrt{9})+T(0!+T(7+0!)).\end{aligned}$$

$$\begin{aligned}\mathbf{0718} &:= -F(\sqrt{8+1})+(7-0!)!\\ &:= (\sqrt{T(8)})!-1-(7\times 0)!.\end{aligned}$$

$$\begin{aligned}\mathbf{0734} &:= F(4)!+F(3!)+(7-0!)!\\ &:= T(T(\sqrt{4}))+T(3)!+7+0!.\end{aligned}$$

$$\begin{aligned}\mathbf{0739} &:= (\sqrt{9})!+3!!+F(7+0)\\ &:= -9+T(3)!+T(7+0).\end{aligned}$$

$$\begin{aligned}\mathbf{0754} &:= F(\sqrt{4+5})\times F(F(7)+0!)\\ &:= T(T(4))\times T(5)-\sqrt{7!+0!}.\end{aligned}$$

$$\begin{aligned}\mathbf{0759} &:= F(9)+5+(7-0!)!\\ &:= \sqrt{9}\times T(T(5)+7+0).\end{aligned}$$

$$\begin{aligned}\mathbf{0769} &:= (\sqrt{9})!!-F(F(6))+70\\ &:= T(\sqrt{9})!+T(6)+T(7+0).\end{aligned}$$

$$\begin{aligned}\mathbf{0792} &:= F(2)+(\sqrt{9})!!+\sqrt{7!+0!}\\ &:= 2\times(-9+T(T(7))-0!).\end{aligned}$$

$$\begin{aligned}\mathbf{0794} &:= F(4)!!+\sqrt{9}+\sqrt{7!+0!}\\ &:= \sqrt{4}\times(-9+T(T(7+0))).\end{aligned}$$

$$\begin{aligned}\mathbf{0798} &:= F(8)\times(\sqrt{9}\times F(7)-0!)\\ &:= T(T(8)/\sqrt{9})+(7-0!)!.\end{aligned}$$

$$\begin{aligned}\mathbf{0853} &:= 3!!+5!+F(8-0!)\\ &:= T(3)!-5!+T(T(\sqrt{T(8)})+0!).\end{aligned}$$

$$\begin{aligned}\mathbf{0867} &:= 7\times F(F(6))+(\sqrt{8+0!})!!\\ &:= T(7\times 6)-T(8+0).\end{aligned}$$

$$\begin{aligned}\mathbf{0895} &:= (5!-F((\sqrt{9})!))\times 8-0!\\ &:= -5!+T(T(9))-T(\sqrt{T(8)})+0!.\end{aligned}$$

$$\begin{aligned}\mathbf{0896} &:= (6!+F((\sqrt{9})!)\times(F(8)+0!))\\ &:= T(T(6))+T(T(\sqrt{9})\times\sqrt{T(8)})-0!.\end{aligned}$$

$$\begin{aligned}\mathbf{0924} &:= 4\times(-2+F(F((\sqrt{9})!+0!)))\\ &:= T(4+2)\times(T(9)-0!).\end{aligned}$$

$$\begin{aligned}\mathbf{0932} &:= F(F(F(2)+3!))\times(\sqrt{9}+0!)\\ &:= (2+T(T(T(3))))\times(\sqrt{9}+0!).\end{aligned}$$

$$\begin{aligned}\mathbf{0935} &:= (5!-3)\times F((\sqrt{9})!)-0!\\ &:= -5!+T(T(3))+T(T(9))-0!.\end{aligned}$$

$$\begin{aligned}\mathbf{0944} &:= -4^{F(4)!}+((\sqrt{9})!+0!)!\\ &:= T(44)-T(9)-0!.\end{aligned}$$

0945 $:= (5! - \sqrt{4}) \times F((\sqrt{9})!) + 0!$
$:= T(5) \times (4^{\sqrt{9}} - 0!).$

0947 $:= 7! + \sqrt{4} - T(90)$
$:= F(F(7)) - F(4)! + (\sqrt{9+0})!!.$

0951 $:= (-1 + 5!) \times F((\sqrt{9})!) - 0!$
$:= T(T(1+5)) + T(\sqrt{9+0})!.$

0954 $:= -F(4)! + 5! \times (9 - 0!)$
$:= -T(T(\sqrt{4})) + 5! \times (9 - 0!).$

0956 $:= F(6) \times 5! - \sqrt{9} - 0!$
$:= T(T(6)) + 5 + T(\sqrt{9+0})!.$

0957 $:= F(F(7)) + 5 + (\sqrt{9})!! - 0!$
$:= -T(7+5) + T(T(9+0)).$

0961 $:= (-1+6)! \times F((\sqrt{9})!) + 0!$
$:= -(-1+6)! + T(T(9) + 0!).$

0963 $:= F(F(3) \times F(6)) - (\sqrt{9} + 0!)!$
$:= -3 + T(6) \times (T(9) + 0!).$

0965 $:= 5! \times F(6) + (\sqrt{9})! - 0!$
$:= T(5) + T(T(6)) + (T(\sqrt{9}))! - 0!.$

0967 $:= 7 + F(6) \times ((\sqrt{9})! - 0!)!$
$:= T(T(7)) + T(T(T(6))/(T(\sqrt{9}) + 0!)).$

0968 $:= 8 \times ((F(6) - \sqrt{9})! + 0!)$
$:= 8 \times (T(6+9) + 0!).$

0973 $:= (3!! - F(F(7))) \times F(\sqrt{9}) - 0!$
$:= T(3)! + T(7) \times 9 + 0!.$

0982 $:= F(2 \times 8) - (\sqrt{9})! + 0!$
$:= -2 - \sqrt{T(8)} + T(T(9) - 0!).$

0985 $:= -5 + T(T(8) + 9 - 0!)$
$:= F(-5 + F(8)) - \sqrt{9} + 0!.$

0987 $:= F(7 + 8 + (9 \times 0)!)$
$:= -T(7) - T(\sqrt{T(8)}) + T(T(9)) + 0!.$

0988 $:= F(8+8) + (9 \times 0)!$
$:= T(8 + T(8)) - \sqrt{9} + 0!.$

1149 $:= -(\sqrt{9})!! + F(F(F(4)!)) \times F(11)$
$:= T(T(9) + \sqrt{4}) + T(T(T(1+1))).$

1259 $:= F(F((\sqrt{9})!)) \times 5!/2 - 1$
$:= T(9) \times T(5+2) - 1.$

1369 $:= ((\sqrt{9})! + F(F(F(6))))/F(3! \times 1)$
$:= -9 + T(T(6) + 31).$

1379 $:= (-\sqrt{9} + F(F(7))) \times 3! - 1$
$:= T(T(9)) + 7^3 + 1.$

1394 $:= -4 + (\sqrt{9})! \times F(F(3!+1))$
$:= T(T(4) \times \sqrt{9}) \times 3 - 1.$

1398 $:= (8 - F(\sqrt{9})) \times F(F(3!+1))$
$:= ((\sqrt{T(8)})! - T(T(\sqrt{9}))) \times (3-1).$

1399 $:= (\sqrt{9})! \times F(F(9 - F(3))) + 1$
$:= T(T(9) - \sqrt{9}) + T(31).$

1428 $:= F(8) \times 2 \times F(F(F(4)!) + 1)$
$:= T(\sqrt{T(8)}) \times (2 + T(T(4)+1)).$

1438 $:= (8 - 3!) \times (F(4)!! - 1)$
$:= (\sqrt{T(8)})! + T(3)! - \sqrt{4 \times 1}.$

1443 $:= 3!! + F(4) + (4-1)!!$
$:= T(3)! + T(\sqrt{4}) + T(4-1)!.$

1459 $:= \sqrt{9^5} \times F(4)! + 1$
$:= \sqrt{9^5} \times T(T(\sqrt{4})) + 1.$

1467 $:= (F(7) + 6!) \times \sqrt{4} + 1$
$:= T(7) + 6! \times \sqrt{4} - 1.$

1476 $:= -6! + F(7)^{F(4)} - 1$
$:= 6 \times (-7 + T(T(T(T(\sqrt{4}))) + 1)).$

1482 $:= 2 \times (F(8) + (4-1)!!)$
$:= 2 \times T(T(8) + \sqrt{4 \times 1}).$

1529 $:= (\sqrt{9})!! \times 2 + F(\sqrt{5! + 1})$
$:= -9 - 2 + T(T(T(5-1))).$

1574 $:= F(\sqrt{4}) + F(7) \times (5! + 1)$
$:= T(\sqrt{4} \times 7) \times T(5) - 1.$

$$\begin{aligned}\mathbf{1579} &:= (\sqrt{9})! + F(7) \times (5! + 1)\\ &:= -T(9) + T(T(7)) \times (5 - 1).\end{aligned}$$

$$\begin{aligned}\mathbf{1584} &:= 4! \times T(8) + (5 + 1)!\\ &:= F(4 + 8) \times \sqrt{5! + 1}.\end{aligned}$$

$$\begin{aligned}\mathbf{1593} &:= -3 + T(T(9) + \sqrt{5! + 1})\\ &:= F(F(3!) + 9) - 5 + 1.\end{aligned}$$

$$\begin{aligned}\mathbf{1597} &:= F(-7 + (9 - 5 \times 1)!)\\ &:= T(T(7) \times \sqrt{9 - 5}) + 1.\end{aligned}$$

$$\begin{aligned}\mathbf{1675} &:= -5 + 7!/\sqrt{F(6) + 1}\\ &:= T(57) + T(6) + 1.\end{aligned}$$

$$\begin{aligned}\mathbf{1679} &:= (-\sqrt{9} + 7!)/\sqrt{F(6) + 1}\\ &:= T(\sqrt{9} \times T(7)) - T(61).\end{aligned}$$

$$\begin{aligned}\mathbf{1696} &:= -F(6) \times (F(F((\sqrt{9})!)) - F(F(6 + 1)))\\ &:= T(69) - 6! + 1.\end{aligned}$$

$$\begin{aligned}\mathbf{1779} &:= (F(F((\sqrt{9})!)) + F(F(7))) \times 7 + 1\\ &:= 9 + T(T(T(7))/7 + 1).\end{aligned}$$

$$\begin{aligned}\mathbf{1793} &:= F(3!) \times (-9 + F(F(7))) + 1\\ &:= T(T(T(3))) \times T(\sqrt{9}) + T(T(7)) + 1.\end{aligned}$$

$$\begin{aligned}\mathbf{1799} &:= (F((\sqrt{9})!) \times (-F((\sqrt{9})!) + F(F(7)))) - 1\\ &:= T(\sqrt{9}) \times T((\sqrt{9 + 7})!) - 1.\end{aligned}$$

$$\begin{aligned}\mathbf{1824} &:= (F(F(F(F(4)!))) - 2)/(\sqrt{8 + 1})!\\ &:= T(T(4) \times T(T(2))) - T(\sqrt{8 + 1}).\end{aligned}$$

$$\begin{aligned}\mathbf{1833} &:= (3! + F(3!)!)/(F(8) + 1)\\ &:= 3 + T\left(\sqrt{T(3)! \times \left(\sqrt{T(8)} - 1\right)}\right).\end{aligned}$$

$$\begin{aligned}\mathbf{1839} &:= F((\sqrt{9})!)!/F(F(3!)) - 81\\ &:= T(T(9)) - T(T(T(3))) + T(T(8 + 1)).\end{aligned}$$

$$\begin{aligned}\mathbf{1843} &:= -F(F(3!)) + F(F(4)!) \times F(F(8 - 1))\\ &:= -T(3) + T(T(T(T(\sqrt{4})))) \times 8 + 1.\end{aligned}$$

$$\begin{aligned}\mathbf{1889} &:= (\sqrt{9})!! \times F(8)/8 - 1\\ &:= \sqrt{9} \times (T(T(8)) - T(8)) - 1.\end{aligned}$$

$$\begin{aligned}\mathbf{1898} &:= 8!/F(F((\sqrt{9})!)) - F(8) - 1\\ &:= 8 + \sqrt{9} \times T(T(8) - 1).\end{aligned}$$

$$\begin{aligned}\mathbf{1899} &:= F((\sqrt{9})!)!/F(F(F((\sqrt{9})!)) - F(8 \times 1)\\ &:= \sqrt{9} \times (\sqrt{9} + T(T(8) - 1)).\end{aligned}$$

$$\begin{aligned}\mathbf{1919} &:= F((\sqrt{9})!)!/F(-1 + 9) - 1\\ &:= (9 - 1)!/T(T(\sqrt{9})) - 1.\end{aligned}$$

$$\begin{aligned}\mathbf{1932} &:= 2 \times T(T(3)) \times (T(9) + 1)\\ &:= F((F(2) + 3)!)/(\sqrt{9} + 1)!.\end{aligned}$$

$$\begin{aligned}\mathbf{1943} &:= 3!^{F(4)} \times 9 - 1\\ &:= T(3)^{T(\sqrt{4})} \times 9 - 1.\end{aligned}$$

$$\begin{aligned}\mathbf{2099} &:= 9 \times F(F((\sqrt{9})! + 0!)) + 2\\ &:= T(T(T(\sqrt{9}))) \times 9 - 0! + T(T(T(2))).\end{aligned}$$

$$\begin{aligned}\mathbf{2139} &:= \sqrt{9} \times 3!! - F(F((1 + 2)!))\\ &:= T(93 - 1)/2.\end{aligned}$$

$$\begin{aligned}\mathbf{2393} &:= 3!! \times \sqrt{9} + F(F(3! + F(2)))\\ &:= T(T(T(3))) + \sqrt{9} \times (T(3))! + 2.\end{aligned}$$

$$\begin{aligned}\mathbf{2394} &:= F(F(F(4)!)) \times (-(\sqrt{9})! + (3 + 2)!)\\ &:= T(4! + T(9)) - T(3 \times 2).\end{aligned}$$

$$\begin{aligned}\mathbf{2438} &:= F(F(8) - 3!) \times 4 - 2\\ &:= \sqrt{T(8)} \times T(T(3 + 4)) + 2.\end{aligned}$$

$$\begin{aligned}\mathbf{2458} &:= F(8) \times (5! - F(4) + F(2))\\ &:= T(8 \times 5) \times T(\sqrt{4}) - 2.\end{aligned}$$

$$\begin{aligned}\mathbf{2459} &:= F(F((\sqrt{9})!)) \times (5! - F(4)) + 2\\ &:= T(T(\sqrt{9})) \times 5! - T(T(4)) - T(T(2)).\end{aligned}$$

$$\begin{aligned}\mathbf{2474} &:= -F(4)!! + F(-7 + 4!) \times 2\\ &:= 4! + T(\sqrt{7^4}) \times 2.\end{aligned}$$

$$\begin{aligned}\mathbf{2494} &:= F(F(4)!)!/\sqrt{9} - F(F(4 \times 2))\\ &:= (T(4!)/T(\sqrt{9}))^{\sqrt{4}} - T(T(2)).\end{aligned}$$

$$\begin{aligned}\mathbf{2495} &:= 5! \times F(F((\sqrt{9})!)) - 4! - F(2)\\ &:= T(T(5) + T(9)) - T(T(4)) + T(T(2))!.\end{aligned}$$

$$\begin{aligned}\mathbf{2496} &:= F(6)!/F(F((\sqrt{9})!)) + 4!^2\\ &:= (-6 + T(9)) \times 4^{T(2)}.\end{aligned}$$

$$\begin{aligned}\mathbf{2497} &:= 7!/F(\sqrt{9}) - 4! - F(2)\\ &:= T(T(7)) \times T(\sqrt{9}) + T(T(4)) + T(T(2)).\end{aligned}$$

$$\begin{aligned}\mathbf{2539} &:= -F(\sqrt{9}) + F(F(3!)) \times (5! + F(2))\\ &:= T(T(\sqrt{9})) + T(T(3)) \times 5! - 2.\end{aligned}$$

$$\begin{aligned}\mathbf{2543} &:= F(F(3!)) \times (F(\sqrt{4}) + 5!) + 2\\ &:= T(T(T(3))) \times (-4 + T(5)) + 2.\end{aligned}$$

$$\begin{aligned}\mathbf{2549} &:= F((\sqrt{9})!) + F(F(F(4)!)) \times (5! + F(2))\\ &:= -T(\sqrt{9}) - T(T(T(4))) + T(T(5) \times T(T(2))).\end{aligned}$$

$$\begin{aligned}\mathbf{2564} &:= \sqrt{4} + F(F(6)) \times (5! + 2)\\ &:= \sqrt{4} + T(6) \times (5! + 2).\end{aligned}$$

$$\begin{aligned}\mathbf{2574} &:= (F(\sqrt{4}) + F(F(7))) \times \sqrt{5! + F(2)}\\ &:= T(\sqrt{4}) \times (T(T(7)) - 5!) \times T(2).\end{aligned}$$

$$\begin{aligned}\mathbf{2578} &:= -8 + F(F(7) + 5) + 2\\ &:= (\sqrt{T(8)})! + T(7) + T(5!/2).\end{aligned}$$

$$\begin{aligned}\mathbf{2579} &:= -\sqrt{9} + F(F(7) + 5) - 2\\ &:= T(T(9) + T(7)) - 5! - 2.\end{aligned}$$

$$\begin{aligned}\mathbf{2644} &:= -\sqrt{4} + F(4)! \times F(F(6))^2\\ &:= T(T(T(4))) + 4 \times T(T(6) + 2).\end{aligned}$$

$$\begin{aligned}\mathbf{2649} &:= \sqrt{9} + F(4)! \times F(F(6))^2\\ &:= T(\sqrt{9} \times 4!) + T(T(6/2)).\end{aligned}$$

$$\begin{aligned}\mathbf{2694} &:= F(4)!! + F(\sqrt{9}) \times F(F(6) \times 2)\\ &:= T(4!) \times 9 - T(6/2).\end{aligned}$$

$$\begin{aligned}\mathbf{2743} &:= (F(F(F((3)!)))/\sqrt{4} + F(7))/2\\ &:= T(T(T(3)) \times T(\sqrt{4})) + 7 + T(T(2))!.\end{aligned}$$

$$\begin{aligned}\mathbf{2744} &:= (F(4)! + F(F(4)!))^{\sqrt{7+2}}\\ &:= (4! - T(4))^{\sqrt{7+2}}.\end{aligned}$$

$$\begin{aligned}\mathbf{2747} &:= F(F(7)) - F(4)! + 7!/2\\ &:= -T(7) + T(\sqrt{4} + 72).\end{aligned}$$

$$\begin{aligned}\mathbf{2792} &:= 2 \times ((\sqrt{9})! \times (F(F(7))) - 2)\\ &:= 2 + T(\sqrt{9}) \times T(T(7) + 2).\end{aligned}$$

$$\begin{aligned}\mathbf{2793} &:= -3 + (\sqrt{9})! \times F(F(7)) \times 2\\ &:= T(T(3)) \times (T(9 + 7) - T(2)).\end{aligned}$$

$$\begin{aligned}\mathbf{2799} &:= \sqrt{9} + (\sqrt{9})! \times F(F(7)) \times 2\\ &:= T(9 + 9) + T(72).\end{aligned}$$

$$\begin{aligned}\mathbf{2859} &:= -F(F((\sqrt{9})!)) + 5! \times (8/2)!\\ &:= 9 + T(T(5) \times (8 - T(2))).\end{aligned}$$

$$\begin{aligned}\mathbf{2879} &:= F((\sqrt{9})!)!/(-7 + F(8)) - F(2)\\ &:= -T(T(9)) - T(T(7)) + (\sqrt{T(8)})! \times T(T(2)).\end{aligned}$$

$$\begin{aligned}\mathbf{2884} &:= (F(4)!! \times 8 + 8)/2\\ &:= \sqrt{4^8} + T(T(8) \times 2).\end{aligned}$$

$$\begin{aligned}\mathbf{2894} &:= (F(4!)/F((\sqrt{9})!) - 8)/2\\ &:= 4 \times T(\sqrt{9})! + 8 + T(T(2)).\end{aligned}$$

$$\begin{aligned}\mathbf{2896} &:= 6! + F(9) \times 8^2\\ &:= (6! + T(\sqrt{9})! + 8) \times 2.\end{aligned}$$

$$\begin{aligned}\mathbf{2898} &:= F(8) \times (\sqrt{9})! \times (F(8) + 2)\\ &:= \sqrt{T(8)} \times T(9) + T(T(8) \times 2).\end{aligned}$$

$$\begin{aligned}\mathbf{2943} &:= (3!! + F(4!))/(F((\sqrt{9})!) \times 2)\\ &:= T(3^4) - T(9 \times T(2)).\end{aligned}$$

$$\begin{aligned}\mathbf{2944} &:= F(F(4)!) \times 4 \times 92\\ &:= \sqrt{\sqrt{4^{T(4)}}} \times 92.\end{aligned}$$

$$\begin{aligned}\mathbf{2949} &:= \sqrt{9} \times (-4 + F(F((\sqrt{9})!) \times 2))\\ &:= (\sqrt{9} - T(T(4)) + T(T(9))) \times T(2).\end{aligned}$$

$$\begin{aligned}\mathbf{2959} &:= (F(F((\sqrt{9})!)) + 5!) \times F(F((\sqrt{9})!)) - 2\\ &:= (T(T(\sqrt{9})) + 5!) \times T(T(\sqrt{9})) - 2.\end{aligned}$$

$$\begin{aligned}\mathbf{2974} &:= T(4! + 7) \times T(\sqrt{9}) - 2\\ &:= F(F(F(4)!)) + (-7! + F(F(F((\sqrt{9})!)))))/2.\end{aligned}$$

$$\begin{aligned}\mathbf{3025} &:= F(5 \times 2)^{F(03)}\\ &:= T(5 \times 2)^{\sqrt{0!+3}}.\end{aligned}$$

$$\begin{aligned}\mathbf{3066} &:= (\sqrt{F(6)^6} - 0!) \times 3!\\ &:= T(T(6 + 6)) - T(-0! + T(3)).\end{aligned}$$

$$\begin{aligned}\mathbf{3155} &:= -5 \times (F(\sqrt{5! + 1}) - 3!!)\\ &:= 5 + T(5) \times T(-1 + T(T(3))).\end{aligned}$$

$$\begin{aligned}\mathbf{3194} &:= \sqrt{4} \times F(F(9)/F(1 \times 3))\\ &:= T(T(4)) \times T(9) - 1 + T(3)!.\end{aligned}$$

$$\begin{aligned}\mathbf{3347} &:= -F(7) + F(F(4)!)!/(F(3) \times 3!)\\ &:= -T(7) + T(\sqrt{4} + 3)^3.\end{aligned}$$

$$\mathbf{3374} := (\sqrt{4}+F(7))^3 - F(F(3))$$
$$:= \sqrt{4}\times(7!+T(T(3)))/3.$$

$$\mathbf{3394} := F(\sqrt{4}) + 9\times F(3!+F(3!))$$
$$:= T(T(T(4))-\sqrt{9}) + T(3\times T(T(3))).$$

$$\mathbf{3397} := (F(F(7)) + \sqrt{9^{F(3!)}})/F(3)$$
$$:= T(79+3) - T(3).$$

$$\mathbf{3399} := 9\times F((\sqrt{9})! + F(3!)) + 3!$$
$$:= 9\times T(9\times 3) - 3.$$

$$\mathbf{3409} := (F(F(F((\sqrt{9})!))) + 0! - F(4)!!)/3$$
$$:= T(T(T(\sqrt{9})+0!)) + T(T(T(T(\sqrt{4}))))/3).$$

$$\mathbf{3443} := (3+4)! - F(-4+F(F(3!)))$$
$$:= T(3+T(T(4)))\times\sqrt{4} + T(T(3)).$$

$$\mathbf{3447} := 7! + 4 - F(-4+F(F(3!)))$$
$$:= 7! - T(\sqrt{4})\times(T(4!)+T(T(T(3)))).$$

$$\mathbf{3459} := -F(\sqrt{9}) + F(-5+4!) - 3!!$$
$$:= (T(T(9))+5!)\times T(\sqrt{4}) - T(3).$$

$$\mathbf{3469} := F((\sqrt{9})!) + F((F(F(6))-\sqrt{4})) - 3!!$$
$$:= \sqrt{9} - 6! + T(T(T(4)+3)).$$

$$\mathbf{3485} := 5\times(-F(8)-\sqrt{4}+3!!)$$
$$:= 5\times(T(T(8))+T(4)+T(T(3))).$$

$$\mathbf{3493} := F(3!)!/9 - F(4^{F(3)})$$
$$:= -T(T(T(3)))/\sqrt{9} + T(4\times T(T(3))).$$

$$\mathbf{3538} := (F(8)+F(3!))\times(5!+F(3))$$
$$:= T(T(8))\times 3 + T\left(T\left(T\left(\sqrt{-5+T(T(3))}\right)\right)\right).$$

$$\mathbf{3574} := -\sqrt{4}\times F(7) + 5\times 3!!$$
$$:= 4 + T(T(7)\times T(5-3)).$$

$$\mathbf{3592} := (2\times\sqrt{9})!\times 5 - F(3!)$$
$$:= -2^{\sqrt{9}} + 5\times T(3)!.$$

$$\mathbf{3593} := (3!!-\sqrt{9})\times 5 + F(3!)$$
$$:= -T(T(3))/\sqrt{9} + 5\times T(3)!.$$

$$\mathbf{3595} := 5\times(-T(\sqrt{9}) + 5 + T(3)!)$$
$$:= 5\times(-F(\sqrt{9-5}) + 3!!).$$

$$\mathbf{3596} := (6! - F(\sqrt{9}))\times 5 + 3!$$
$$:= -\sqrt{6!/T(9)} + 5\times(T(3))!.$$

$$\mathbf{3599} := (9-\sqrt{9})!\times 5 - F(F(3))$$
$$:= -9/9 + 5\times T(3)!.$$

$$\mathbf{3684} := (4+F(F(8)-6))\times 3!$$
$$:= \sqrt{4}\times(8\times T(T(6)) - T(3)).$$

$$\mathbf{3694} := (4\times F(9) + F(F(F(6))))/3$$
$$:= T(T(T(4))) + \sqrt{9}\times 6! - T(3).$$

$$\mathbf{3729} := F(F(\sqrt{9})) + 2\times F(F(7))\times F(3!)$$
$$:= 9\times(T(T(2))+T(T(7))) + T(T(3)).$$

$$\mathbf{3795} := 5\times(\sqrt{9}\times F(7) + 3!!)$$
$$:= T(5) + T(9)\times T(7)\times 3.$$

$$\mathbf{3857} := (F(7)+5!)\times(F(8)+F(3!))$$
$$:= (-7 + T(T(5)\times\sqrt{T(8)})) - T(T(T(3))).$$

$$\mathbf{3879} := -(\sqrt{9})!! + 7! - F(8)^{F(3)}$$
$$:= -T(T(9)) + 7! - \sqrt{T(8)}\times T(T(3)).$$

$$\mathbf{3897} := (-F(F(7)) + (\sqrt{9})!!)\times 8 + F(F(3))$$
$$:= 7! - T(T(9)) - T(8)\times 3.$$

$$\mathbf{3924} := 4\times(F(2\times F((\sqrt{9})!)) - 3!)$$
$$:= T(T(\sqrt{4}))\times(-T(2+9) + T(3)!).$$

$$\mathbf{3936} := 6\times(-F(3)^{(\sqrt{9})!} + 3!!)$$
$$:= -6! + T(3+93).$$

$$\mathbf{3949} := F(F(\sqrt{9})) + 4\times F(F(\sqrt{9})\times F((3)!))$$
$$:= T(T(9+4)) - T(\sqrt{9}) - T(T(T(3))).$$

$$\mathbf{3976} := F(6)\times(-7!+9!)/3!!$$
$$:= T(T(6+7)) + T(T(\sqrt{9})) - T(T(T(3))).$$

$$\mathbf{3984} := (4!\times F(8) - (\sqrt{9})!)\times F(3!)$$
$$:= T(T(6+7)) + T(T(\sqrt{9})) - T(T(T(3))).$$

$$\mathbf{3994} := 4^{(\sqrt{9})!} - F(9)\times 3$$
$$:= -\sqrt{4} + T(T(9)-9)\times T(3).$$

$$\mathbf{4048} := 8\times(4!-0!)!/(F(F(F(4)!)))!$$
$$:= (T(T(\sqrt{T(8)})) - T(T(4)))\times(-0!+4!).$$

4134 $:= (F(4)!! - 31) \times F(4)!$
$:= T(\sqrt{4}) \times T(-3 + T(T(1 \times 4)))$.

4157 $:= F(F(7) + 5 + 1) - 4!$
$:= T(T(7)) + T(T(\sqrt{5! + 1})) + T(T(T(4)))$.

4187 $:= F(F(7) + (\sqrt{8 + 1})!) + F(4)!$
$:= T(T(7 + \sqrt{T(8)})) + 1^4$.

4189 $:= (F((\sqrt{9})!) + F(F(8) - \sqrt{1 \times 4}))$
$:= \sqrt{9} + T(T(8 + 1 + 4))$.

4194 $:= (F(4)!! - F(9 - 1)) \times F(4)!$
$:= T(4) + T(91) - \sqrt{4}$.

4197 $:= (F(F(7)) \times (\sqrt{9})! + 1) \times F(4)$
$:= 7 + T(91) + 4$.

4229 $:= F(F(F((\sqrt{9})!)) - 2) + 2 \times 4!$
$:= T(92) + T(T(2)) - T(T(4))$.

4239 $:= F(9) + F(F(F(3!)) - 2) + 4!$
$:= T(\sqrt{9}) \times T(3)! - T(2)^4$.

4247 $:= -F(F(7)) + F(F(4)!)!/(F(2) + F((F(4))!))$
$:= T(T(7 + T(T(\sqrt{4})))) + T(T(2)) + T(T(4))$.

4254 $:= (F(4)!! - \sqrt{5! + F(2)}) \times F(4)!$
$:= -4! + T(5! - T(T(2) + 4))$.

4294 $:= F(4)! \times (\sqrt{9})!! - 2 - 4!$
$:= T(T(4)) \times T(9 + T(2)) + 4$.

4295 $:= 5! - (\sqrt{9})! + F(-2 + F(F(F(4)!)))$
$:= T(5) + T(92) + \sqrt{4}$.

4297 $:= 7! - (\sqrt{9})!! + F(2) - 4!$
$:= 7 + (T(9 + T(2)) \times T(T(4)))$.

4299 $:= (\sqrt{9})! \times (\sqrt{9})!! - F(2 \times 4)$
$:= T(9) + T(92) - 4!$.

4307 $:= -F(7) + 03!! \times F(4)!$
$:= -7 + (-0! + T(3)!) \times T(T(\sqrt{4}))$.

4312 $:= -2 + (-1 + 3!!) \times F(4)!$
$:= T(T(2)) \times (-1 + T(3)!) - \sqrt{4}$.

4313 $:= (3!! - 1) \times 3! - F(\sqrt{4})$
$:= -T(3) - 1 + T(3)! \times T(T(\sqrt{4}))$.

4315 $:= -5 + 1 \times 3!! \times F(4)!$
$:= -5 + 1 \times T(3)! \times T(T(\sqrt{4}))$.

4319 $:= (\sqrt{9})! \times 1 \times 3!! - F(\sqrt{4})$
$:= -T(\sqrt{9})! - 1 + (3 + 4)!$.

4321 $:= (1 + 2)! \times 3!! + F(\sqrt{4})$
$:= 1 + T(2) \times T(3)! \times \sqrt{4}$.

4322 $:= F(2 + 2)! \times 3!! + \sqrt{4}$
$:= T(T(2)) \times (2 \times 3)! + \sqrt{4}$.

4326 $:= (6! \times T(2) + 3) \times \sqrt{4}$
$:= (6! + F(2)) \times 3 \times \sqrt{4}$.

4329 $:= \sqrt{9} + (F(2) + 3!!) \times F(4)!$
$:= \sqrt{9} \times (2 \times T(3)! + T(\sqrt{4}))$.

4339 $:= (\sqrt{9} + 3!!) \times 3! + F(\sqrt{4})$
$:= (-T(\sqrt{9}) + T(3)!) \times T(3) + T(T(4))$.

4341 $:= (1 + F(4)!)! + F(F(3!)) - F(4)!!$
$:= T(T(-1 + 4)) + T(3)! \times T(T(\sqrt{4}))$.

4342 $:= -2 + (4 + 3!!) \times F(4)!$
$:= T(T(2)) \times (T(\sqrt{4}) + T(3)!) + 4$.

4345 $:= \sqrt{5^4} + 3!! \times F(4)!$
$:= (T(5) + 4^3) \times T(T(4))$.

4349 $:= (\sqrt{9})! \times F(4)!! + F(F(3!)) + F(F(4)!)$
$:= T(T(\sqrt{9})) \times (-4! + T(T(T(3)))) + \sqrt{4}$.

4351 $:= 1 + (5 + 3!!) \times F(4)!$
$:= 1 + (5 + T(3)!) \times T(T(\sqrt{4}))$.

4353 $:= (3!! + 5) \times 3! + F(4)$
$:= (T(3)! + 5) \times T(3) + T(\sqrt{4})$.

4354 $:= 4 + (5 + 3!!) \times F(4)!$
$:= -\sqrt{4} + T(5 + T(3))^{\sqrt{4}}$.

4358 $:= 8 + (5 + 3!!) \times F(4)!$
$:= 8 + (5 + T(3)!) \times T(T(\sqrt{4}))$.

4359 $:= 9 + (5 + 3!!) \times F(4)!$
$:= \sqrt{9} + T(5 + T(3))^{\sqrt{4}}.$

4364 $:= -4 + (6! + F(3!)) \times F(4)!$
$:= T(\sqrt{4})^6 \times T(3) - T(4).$

4369 $:= T(96 - 3) - \sqrt{4}$
$:= (\sqrt{9})! \times (F(6) + 3!!) + F(\sqrt{4}).$

4374 $:= F(4)^7 \times 3!/F(4)$
$:= (-T(4) + T(7)) \times \sqrt{3^{T(4)}}.$

4376 $:= F(6) \times 7 + 3!! \times F(4)!$
$:= T(T(6 + 7)) + T(T(T(3)) - \sqrt{4}).$

4385 $:= F(F(F((-5 + 8)!))) - 3^{F(F(4)!)}$
$:= 5! + \sqrt{T(8)} \times T(3)! - T(T(4)).$

4389 $:= F(F((\sqrt{9})!)) \times (F(F(F(8)/3)) - 4!)$
$:= T(9) + \sqrt{T(8)} \times T(3)! + 4!.$

4392 $:= (2 \times (\sqrt{9})! + 3!!) \times F(4)!$
$:= -T(2) + T(93) + 4!.$

4393 $:= F(F(F(3!))) - \sqrt{9^{F(3!)}} + F(F(4)!)$
$:= (T(3)! + \sqrt{9}) \times T(3) + T(T(4)).$

4398 $:= (F(F(8)/\sqrt{9}) + 3!!) \times F(4)!$
$:= \sqrt{T(8)} \times (9^3 + 4).$

4399 $:= F((\sqrt{9})!)!/9 - 3^4$
$:= 9 \times ((T(\sqrt{9}))! - T(T(T(3)))) - \sqrt{4}.$

4414 $:= \sqrt{4} \times (-1 + F(4!)/F(F(F(4)!)))$
$:= (-4 + T(T(1 + T(4)))) \times \sqrt{4}.$

4428 $:= (F(F(8) + F(2)) + F(\sqrt{4}))/4$
$:= T(8) \times (T(2) + (T(4)/\sqrt{4})!).$

4438 $:= (F(8) + 3!!) \times F(4)! - F(F(4)!)$
$:= T(\sqrt{T(8)}) + T(T(T(3))) + T(T(T(\sqrt{4}) + T(4))).$

4439 $:= -9 \times (3!! + F(4)) + F(F(F(F(4)!)))$
$:= T(T(9)) \times T(3) - T(T(T(4))) - T(T(T(T(\sqrt{4})))).$

4444 $:= (F(F(F(4)!)) + F(4)!!) \times F(4)! - \sqrt{4}$
$:= 4 \times (T(T(\sqrt{4})))! + 4! + T(T(T(4))).$

4447 $:= (F(7) + F(4)!!) \times F(F(F(4)!)) - F(F(F(F(4)!)))$
$:= 7! + \sqrt{4} - T(4! + T(4)).$

4449 $:= ((\sqrt{9})!! + F(F(F(4)!))) \times F(4)! + F(4)$
$:= T(94) - 4 \times 4.$

4452 $:= (F(F(2 + 5)) - F(F(F(4)!))) \times F(F(F(4)!))$
$:= T(2) \times T(54) - T(\sqrt{4}).$

4456 $:= F(6)!/(5 + 4) - 4!$
$:= T(T(6)) + (5! - T(T(4)))^{\sqrt{4}}.$

4459 $:= F((\sqrt{9})!)!/(5 + 4) - F(F(F(4)!))$
$:= \sqrt{9} \times T(54) + 4.$

4463 $:= 3! \times (6! + 4!) - F(\sqrt{4})$
$:= -3 + T(T(6) + T(T(4))) + T(T(T(4))).$

4469 $:= -9 \times 6! + F(F(F(F(4)!))) + F(4)$
$:= T(96 - \sqrt{4}) + 4.$

4473 $:= F(F(3) \times 7) + 4^{F(4)!}$
$:= T(T(3)) \times (T(T(7))/\sqrt{4} + T(4)).$

4477 $:= 7! + F(7) - 4! \times 4!$
$:= 7! - (T(T(7)) + T(T(\sqrt{4}))!)/\sqrt{4}.$

4479 $:= F((\sqrt{9})!)!/(F(7) - 4) - F(\sqrt{4})$
$:= -T(T(\sqrt{9})) + T(7 - \sqrt{4}) \times T(4!).$

4493 $:= F(3!)!/9 + F(F(4) + 4)$
$:= (-T(T(3)) + T(9) \times T(4!))/T(\sqrt{4}).$

4494 $:= F(F(F(4)!)) \times (9 \times 4! - \sqrt{4})$
$:= (T(4!) + T(T(\sqrt{9}))) \times (4! - T(4)).$

4497 $:= -F(7) - F(F(F((\sqrt{9})!))) + F(4!)/F(4)$
$:= T(7) + T(94) + 4.$

4499 $:= (F((\sqrt{9})!))!/9 - \sqrt{4} + F(F(F(4)!))$
$:= (-\sqrt{9} + T(9) \times T(4!))/T(\sqrt{4}).$

4559 $:= -F(F(F((\sqrt{9})!))) - 5! + 5^{F(4)!}$
$:= T(95) - 5 + 4.$

4634 $:= \sqrt{4} \times (3!! + F(F(F(6)) - 4))$
$:= -T(T(4 + 3)) + (T(6)/T(\sqrt{4}))!.$

$$\begin{aligned}\mathbf{4644} &:= 4 \times (F(4)!! + F(F(6))^{\sqrt{4}}) \\ &:= T(4! \times 4) - 6 \times \sqrt{4}.\end{aligned}$$

$$\begin{aligned}\mathbf{4674} &:= -F(4)! + F(7) \times 6!/\sqrt{4} \\ &:= T(4!) + 7! - T(\sqrt{6^4}).\end{aligned}$$

$$\begin{aligned}\mathbf{4679} &:= (-F(\sqrt{9}) + F(7) \times 6!)/(\sqrt{4}) \\ &:= T(9) - T(T(7)) + (T(6)/T(\sqrt{4}))!.\end{aligned}$$

$$\begin{aligned}\mathbf{4696} &:= F(6)!/9 + 6^{F(4)} \\ &:= T(T(6)) + T(96 - \sqrt{4}).\end{aligned}$$

$$\begin{aligned}\mathbf{4698} &:= (F(8) \times \sqrt{9} + 6!) \times F(4)! \\ &:= T(T(8)) \times 9 - 6^4.\end{aligned}$$

$$\begin{aligned}\mathbf{4704} &:= 4! \times (0! + F(7))^{\sqrt{4}} \\ &:= (T((4 - (0)!)) \times (T(7)^{\sqrt{4}})).\end{aligned}$$

$$\begin{aligned}\mathbf{4719} &:= \sqrt{9} \times (F(17) - 4!) \\ &:= -T(T(\sqrt{9})) \times 1 + 7! - T(4!).\end{aligned}$$

$$\begin{aligned}\mathbf{4744} &:= (F(4)!!/\sqrt{4} + F(F(7))) \times F(F(4)!) \\ &:= \sqrt{4} - T(4!) + 7! + \sqrt{4}.\end{aligned}$$

$$\begin{aligned}\mathbf{4759} &:= -(\sqrt{9})! + 5 \times (F(F(7)) + F(4)!!) \\ &:= T(T(9)) \times 5 - T(T(7)) - T(4).\end{aligned}$$

$$\begin{aligned}\mathbf{4769} &:= -F(9) \times F(6) + 7! + F(\sqrt{4}) \\ &:= -\sqrt{T(\sqrt{9})^6} + 7! - T(T(4)).\end{aligned}$$

$$\begin{aligned}\mathbf{4776} &:= 6! + F(7) \times F(7) \times 4! \\ &:= -T(T(6))/7 + 7! - T(T(T(\sqrt{4})))).\end{aligned}$$

$$\begin{aligned}\mathbf{4783} &:= -F(3)^8 + 7! - F(\sqrt{4}) \\ &:= 3 + (\sqrt{T(8)})! + T(T(7)) \times T(4).\end{aligned}$$

$$\begin{aligned}\mathbf{4784} &:= F(4!)/F(8) \times F(7)/F(4)! \\ &:= -\sqrt{4^8} + (T(7)/4)!.\end{aligned}$$

$$\begin{aligned}\mathbf{4786} &:= F(6)!/8 - F(F(7)) - F(F(F(4)!)) \\ &:= (6! - T(8)) \times 7 - \sqrt{4}.\end{aligned}$$

$$\begin{aligned}\mathbf{4787} &:= 7! - F(8) - F(F(7)) + F(\sqrt{4}) \\ &:= 7! - T(-8 + T(7) + \sqrt{4}).\end{aligned}$$

$$\begin{aligned}\mathbf{4791} &:= F(1 + 9 + 7) \times F(4) \\ &:= -T(1 + T(T(\sqrt{9}))) + 7! + 4.\end{aligned}$$

$$\begin{aligned}\mathbf{4792} &:= F(2) + \sqrt{9} \times F(-7 + 4!) \\ &:= T(2 \times 9) \times T(7) + 4.\end{aligned}$$

$$\begin{aligned}\mathbf{4793} &:= F(3) + \sqrt{9} \times F(-7 + 4!) \\ &:= -T(T(T(3))) - T(\sqrt{9}) + 7! - T(4).\end{aligned}$$

$$\begin{aligned}\mathbf{4795} &:= 5 \times ((\sqrt{9})! + F(F(7)) + F(4)!!) \\ &:= -5 + (9 + 7) \times T(4!).\end{aligned}$$

$$\begin{aligned}\mathbf{4807} &:= 7! - F(0! + 8 + 4) \\ &:= 7! - T(T(\sqrt{T(08)})) - \sqrt{4}.\end{aligned}$$

$$\begin{aligned}\mathbf{4809} &:= (T(\sqrt{9}) + 0!)! - T(T(8 - \sqrt{4})) \\ &:= F(F((\sqrt{9})!)) \times F(F(-0! + 8)) - 4.\end{aligned}$$

$$\begin{aligned}\mathbf{4851} &:= \sqrt{(1 + 5!) \times F(8)^4} \\ &:= T(-1 + T(5) + 84).\end{aligned}$$

$$\begin{aligned}\mathbf{4863} &:= -F(-3! + F(F(6))) + F(F(8))/\sqrt{4} \\ &:= T(T(3)) \times T(T(6)) + 8 + 4.\end{aligned}$$

$$\begin{aligned}\mathbf{4869} &:= (F(F(9) - F(F(6)))) \times F(8) - 4! \\ &:= T(T(\sqrt{9})) \times T(T(6)) + 8 + T(4).\end{aligned}$$

$$\begin{aligned}\mathbf{4874} &:= F(\sqrt{4} + F(7)) \times 8 - F(4)! \\ &:= \sqrt{4} \times T(T(7)) \times \sqrt{T(8)} + \sqrt{4}.\end{aligned}$$

$$\begin{aligned}\mathbf{4879} &:= F((\sqrt{9})!) \times F(7 + 8) - F(\sqrt{4}) \\ &:= -T(T(9)) + 7! - T(T(8)) + T(T(T(4))).\end{aligned}$$

$$\begin{aligned}\mathbf{4883} &:= F(-3! + F(8)) \times 8 + F(4) \\ &:= T(T(T(3))) \times T(\sqrt{T(8)}) + 8 \times 4.\end{aligned}$$

$$\begin{aligned}\mathbf{4885} &:= F(5 + 8) \times F(8) - F(F(4)!) \\ &:= T(T(5 + 8)) - T(\sqrt{T(8)}) + (T(T(\sqrt{4})))!.\end{aligned}$$

$$\begin{aligned}\mathbf{4891} &:= F(F(1 + (\sqrt{9})!)) \times F(8) - \sqrt{4} \\ &:= 1 + ((T(\sqrt{9}))! - T(T(\sqrt{T(8)}))) \times T(4).\end{aligned}$$

$$\begin{aligned}\mathbf{4898} &:= F(F(8)) \times F(F(\sqrt{9})) + 8! - F(4!) \\ &:= -8 + T(98) + T(T(4)).\end{aligned}$$

$$\begin{aligned}\mathbf{4917} &:= F(F(7)) \times F(-1 + 9) + 4! \\ &:= 7! - (-1 + T(\sqrt{9}))! - T(\sqrt{4}).\end{aligned}$$

$$\begin{aligned}\mathbf{4925} &:= 5 \times (-2 + F(F(\sqrt{9})^4)) \\ &:= -T(5) + T(T(2))! \times 9 - T(T(T(4))).\end{aligned}$$

4934 $:= F(F(F(4)!)) + (F(3!) + 9)^{F(4)}$
$:= -T(T(\sqrt{4})) + T(3)! \times 9 - T(T(T(4)))$.

4946 $:= (6 + F(\sqrt{4}))! - 94$
$:= T((T(6) - T(4)) \times 9) - 4$.

4948 $:= (8! - F(4)!!)/F((\sqrt{9})!) - \sqrt{4}$
$:= T(8 + T(4 + 9)) - \sqrt{4}$.

4949 $:= (-(\sqrt{9})!! + F(F(4)!)!)/F((\sqrt{9})!) - F(\sqrt{4})$
$:= -T(9 + 4) + (9 - \sqrt{4})!$.

4955 $:= 5 \times (F(-5 + F(F((\sqrt{9})!))) + 4)$
$:= 5 + T(5 + 94)$.

4959 $:= (F(\sqrt{9}) + 5)! - \sqrt{9^4}$
$:= 9 + T(5 + 94)$.

4964 $:= -T(T(4)) - T(6) + (9 - \sqrt{4})!$
$:= F(4)^{F(6)} - F(F(9)/\sqrt{4})$.

4965 $:= (5! + F(6)! - (\sqrt{9})!!)/F(F(4)!)$
$:= -T(56) + 9^4$.

4969 $:= -9!/6! + F(F(F((\sqrt{9})!)))/\sqrt{4}$
$:= 9!/6! + T(94)$.

4972 $:= F(2) \times 7! - F(9) \times \sqrt{4}$
$:= -2 + 7! - T(9 + \sqrt{4})$.

4978 $:= -8 + 7! - 9 \times F(4)!$
$:= -8 + 7! - 9 \times T(T(\sqrt{4}))$.

4979 $:= -F(9) + 7! - \sqrt{9} - 4!$
$:= -T(9) + 7! - T(\sqrt{9}) - T(4)$.

4982 $:= (-F(2) + 8)! - F(9) - 4!$
$:= -T(2) + (T(\sqrt{T(8)})/\sqrt{9})! - T(T(4))$.

4984 $:= (F(4)!! - 8) \times (9 - \sqrt{4})$
$:= (T(4)! - 8!)/(\sqrt{9 \times 4})!$.

4986 $:= F(6)!/8 - 9 \times F(4)!$
$:= 6! \times \sqrt{T(8)} + T(9 \times 4)$.

4987 $:= 7! - F(8) - F(9) + \sqrt{4}$
$:= 7! - \sqrt{(8 + T(9))^{\sqrt{4}}}$.

4988 $:= (-F(F(8)) + 8!/\sqrt{9}) \times \sqrt{4}$
$:= 8!/8 + \sqrt{9} - T(T(4))$.

4992 $:= (-2 + 9)! - F(\sqrt{9}) \times 4!$
$:= 2^{T(\sqrt{9})} \times T(\sqrt{9} \times 4)$.

4994 $:= (F(F(F(F(4)!))) - F((\sqrt{9})!) \times ((\sqrt{9})!! + 4!))$
$:= T(4! + 9) \times 9 - T(T(4))$.

4997 $:= 7! - F(9) - \sqrt{9^{\sqrt{4}}}$
$:= 7! + T(\sqrt{9}) - T(9) - 4$.

5019 $:= ((\sqrt{9})! + 1)! - F(F(0! + 5))$
$:= (T(\sqrt{9}) + 1)! - T(0! + 5)$.

5038 $:= (F(8)/3)! - \sqrt{-0! + 5}$
$:= (T(\sqrt{T(8)})/3)! - \sqrt{\sqrt{0! + T(5)}}$.

5127 $:= 7! - 2 + F(\sqrt{1 + 5!})$
$:= 7! + T(T(T(2))) + T(\sqrt{1 + 5!})$.

5139 $:= -F(F((\sqrt{9})!)) + (3! + 1)! + 5!$
$:= -T(T(\sqrt{9})) + (T(3) + 1)! + 5!$.

5147 $:= 7! - F(F(4)! + 1) + 5!$
$:= 7! + \sqrt{4} + T(-1 + T(5))$.

5157 $:= 7! - F(5 - 1) + 5!$
$:= 7! - T(\sqrt{5 - 1}) + 5!$.

5159 $:= (F(\sqrt{9}) + 5)! - 1 + 5!$
$:= T(T(9)) \times 5 - 1 - T(5)$.

5187 $:= 7 \times (F(8) + (1 + 5)!)$
$:= 7 \times T(T(8) + \sqrt{-1 + 5})$.

5267 $:= F(F(7)) - 6 + (2 + 5)!$
$:= 7! + T(T(6)) - \sqrt{T(T(T(2))) - 5}$.

5279 $:= (\sqrt{9})! + F(F(7)) + (2 + 5)!$
$:= T(T(T(\sqrt{9}))) + 7! + T(2) + 5$.

5334 $:= (F(F(F(4)!)) \times (F(F(3!)) + F(F(F(3) + 5))))$
$:= T(T(T(T(\sqrt{4})))) + T(T(3)) \times 3^5$.

5346 $:= (F(F(6)) + F(\sqrt{4})) \times 3^5$
$:= 6 \times (T(T(\sqrt{4}))! + T(3 + T(5)))$.

5349 $:= (F(F(F((\sqrt{9})!))) - F(F(4)!))/F(3) - 5!$
$:= \sqrt{9} \times (T(T(T(4))) + 3^5)$.

5379 $:= \sqrt{9} + 7! + F(3!)!/5!$
$:= -T(T(\sqrt{9})) + 7! + 3 \times 5!$.

5394 $:= -F(4)! + 9 \times (3!! - 5!)$
$:= T(T(\sqrt{4})) \times (T(T(9)) - T(T(T(3)) - 5))$.

5439 $:= (-F(9) + F(F(F(3!)))/F(\sqrt{4+5}))$
$:= T(T(\sqrt{9})) \times (T(T(T(3))) + T(\sqrt{4}+5))$.

5445 $:= (5! + F(\sqrt{4})) \times 45$
$:= (T(5) \times 4! + T(\sqrt{4})) \times T(5)$.

5449 $:= F(F(F((\sqrt{9})!)))/\sqrt{4} - (-F(\sqrt{4}) + 5)!$
$:= -T(T(T(\sqrt{9}))) + 4 \times (T(T(T(4))) - 5!)$.

5469 $:= (F((\sqrt{9})!) - F(F(F(6))))/(F(4) - 5)$
$:= T(9) + T(T(6)) \times 4! - 5!$.

5474 $:= 4! \times F(F(7)) + \sqrt{4} - 5!$
$:= -T(T(\sqrt{4}))! - T(T(7)) + T(T(4)) \times 5!$.

5489 $:= F(F((\sqrt{9})!)) + F(F(8))/\sqrt{4} - 5$
$:= -T(T(\sqrt{9}+8)) + T(T(T(4))) \times 5$.

5635 $:= -5! + F(3!) \times 6! - 5$
$:= T(T(5) \times T(3)) + T(T(T(\sqrt{T(6)-5})))$.

5649 $:= 9 + F(4)!! \times F(6) - 5!$
$:= (T(\sqrt{9}))! - T(T(T(\sqrt{4}))) + T(-T(6) + 5!)$.

5728 $:= F(8)^2 \times F(7) - 5$
$:= T(T(\sqrt{T(8)})) \times T(2) + 7! - 5$.

5734 $:= F(4)!! - F(F(3!)) + 7! - 5$
$:= T(T(\sqrt{4}))! - T(T(3)) + 7! + 5$.

5739 $:= F((\sqrt{9})!) \times 3!! - F(F(7) - 5)$
$:= (T(9)^3 - 7!)/T(5)$.

5744 $:= (F(4)!! - \sqrt{4}) \times (F(7) - 5)$
$:= T(T(\sqrt{4}))! - T(T(T(\sqrt{4}))) + 7! + 5$.

5748 $:= 8 \times F(4)!! - 7 - 5$
$:= \sqrt{T(8)} \times (T(T(4)) + T(7!/5!))$.

5749 $:= (\sqrt{9})!! - F(4)! + 7! - 5$
$:= T(\sqrt{9})! + 4 + 7! - T(5)$.

5789 $:= F(9) + 8!/7 - 5$
$:= T(T(9)) \times \sqrt{T(8)} - T(T(7)) - T(5)$.

5794 $:= -F(4!)/9 + F(F(F(7) - 5))$
$:= -\sqrt{4} + T(T(9)) \times T(7)/5$.

5795 $:= 5 \times (-(\sqrt{9})! + F(F(7)) \times 5)$
$:= (-5 + T(T(9)) \times T(7))/5$.

5796 $:= F(F(6) \times \sqrt{9})/(F(7) - 5)$
$:= -T(6) \times \sqrt{9} \times (T(7) - 5!)$.

5799 $:= (\sqrt{9})!! + F(9) + 7! + 5$
$:= T(\sqrt{9}) \times T(T(9)) - T(T(7)) - 5$.

5846 $:= -6! + F(4)^8 + 5$
$:= -6! + T(\sqrt{4})^8 + 5$.

5894 $:= F(4!) - F(9) - 8! - 5!$
$:= -4^{T(\sqrt{9})} + T(T(8)) \times T(5)$.

5922 $:= F(2+2)! \times F(F(F((\sqrt{9})!)) - 5)$
$:= 2 \times (T(T(T(2) + 9)) - 5!)$.

5928 $:= -8! + F((F(2) + \sqrt{9})!) - 5!$
$:= 8 \times T(-2 + T(9) - 5)$.

5934 $:= F(4!) - F(3!)! + (\sqrt{9})! - 5!$
$:= T(T(T(T(\sqrt{4})))) \times T(T(T(3)))/9 + 5$.

5944 $:= (F(4)!! + F(F(4)!)) \times F((\sqrt{9})!) + 5!$
$:= 4 \times T(T(T(4))) - T(T(T(\sqrt{9}))) + T(5)$.

5946 $:= 6 \times (4 + F(F(F((\sqrt{9})!)) - 5))$
$:= 6 \times (-4! + T(T(9))) - 5!$.

5949 $:= F(F((\sqrt{9})!)) + F(4!) - F((\sqrt{9})!)! - 5!$
$:= 9 \times (T(4 \times 9) - 5)$.

5968 $:= 8 \times (F(F(6)) + (\sqrt{9})!! + 5)$
$:= 8 \times (6! + T(T(\sqrt{9})) + 5)$.

5979 $:= -F(F((\sqrt{9})!)) + 7! + F((\sqrt{9})!) \times 5!$
$:= -T(T(\sqrt{9})) + (T(T(7)) - T(\sqrt{9})) \times T(5)$.

5997 $:= 7! - \sqrt{9} + F((\sqrt{9})!) \times 5!$
$:= 7! + T(T(9)) - T(-\sqrt{9} + T(5))$.

6045 $:= F(5 \times 4) - (06)!$
$:= T(5) \times (-T(\sqrt{4}) + T(T(0! + 6)))$.

6194 $:= F(F(F(F(4)!)))/F(\sqrt{9}) + 1 + 6!$
$:= -T(4) + (T(T(9)) - 1) \times 6$.

6237 $:= (F(F(7)) + F(3!)^2) \times F(F(6))$
$:= T(7 \times 3) \times \sqrt{T(2)^6}$.

6247 $:= -F(F(7)) + F(4)^2 \times 6!$
$:= 7 + T(\sqrt{4}) \times (T(2^6))$.

6279 $:= F(F((\sqrt{9})!)) \times F(7) \times (2 + F(F(6)))$
$:= T(9 \times 7) \times T(2) + T(T(6))$.

6441 $:= -(1 + 4)! + F(4)^{F(6)}$
$:= T(T(-1 + T(4))) \times T(T(\sqrt{4})) + T(T(6))$.

6444 $:= F(4)^{\sqrt{4}} \times (-4 + 6!)$
$:= T(4!) + \sqrt{4^{T(4)}} \times 6$.

6448 $:= 8 \times (F(4)!! - 4) + 6!$
$:= (-8 + T(T(T(\sqrt{4})))) \times T(T(4) + T(6))$.

6462 $:= (-2 + 6!) \times (F(4) + 6)$
$:= (T(2) + 6) \times (-\sqrt{4} + 6!)$.

6464 $:= F(4)!! - F(6) \times (\sqrt{4} - 6!)$
$:= -4 + T(T(6)/T(\sqrt{4})) \times T(T(6))$.

6467 $:= -F(7) + (6 + F(4)) \times 6!$
$:= T(7) \times T(T(6)) - T(T(\sqrt{4}))/6$.

6474 $:= -F(4)! + (F(7) - 4) \times 6!$
$:= (T(T(4)) + T(7)) \times T(\sqrt{4} \times 6)$.

6495 $:= -5 \times F(-F(F(\sqrt{9})) + F(F(F(4)!))) + F(6)!$
$:= T(5) + \sqrt{9^{\sqrt{4}}} \times 6!$.

6498 $:= -F(8) \times \sqrt{9} + F(4)^{F(6)}$
$:= T(8) + 9 \times (-\sqrt{4} + 6!)$.

6499 $:= F(F(\sqrt{9})) + 9 \times (\sqrt{4} + (6)!)$
$:= 9 \times T(\sqrt{9})! - \sqrt{4} + T(6)$.

6578 $:= -8! \times F(7)/5! + F(F(F(6)))$
$:= T(-\sqrt{T(8)} + T(7)) \times (5 + T(6))$.

6579 $:= F(\sqrt{9} + 7) \times 5! - F(F(6))$
$:= T(T(9)) \times 7 - T(T(5) + T(6))$.

6624 $:= F(4!)/(F(2) + \sqrt{6 \times 6})$
$:= T(\sqrt{4}) \times (-T(2) + T(66))$.

6639 $:= -9^{F(3)} + F(6)!/6$
$:= T(\sqrt{9}) + 3 \times T(66)$.

6645 $:= F(5 \times 4) - 6!/6$
$:= (T(5) \times (\sqrt{4} + (T(6) \times T(6))))$.

6669 $:= 9 \times (F(F(6)) + (\sqrt{6 \times 6})!)$
$:= (\sqrt{9} + (6)) \times (6! + T(6))$.

6698 $:= (8! - (\sqrt{9})!)/6 - F(F(6))$
$:= (8! - T(\sqrt{9}))/6 - T(6)$.

6714 $:= -F(4)! + (1 + 7)!/6$
$:= -T(T(\sqrt{4})) + (1 + 7)!/6$.

6739 $:= F((\sqrt{9})!)!/3! + F(7) + 6$
$:= 9 \times T(3)! + T(7) + T(T(6))$.

6783 $:= (3!!/8 + F(F(7))) \times F(F(6))$
$:= (3^{\sqrt{T(8)}} - T(T(7))) \times T(6)$.

6794 $:= F(4)^{F((\sqrt{9})!)} + F(7 + 6)$
$:= T(4) \times (T(\sqrt{9}))! - T(7 + T(6))$.

6798 $:= 8!/(\sqrt{9})! + F(7) \times 6$
$:= \sqrt{T(8)} \times T(T(9)) + T(7) \times T(6)$.

6885 $:= 5! + F(F(8) - F(8 - 6))$
$:= -T(5) \times (\sqrt{T(8)} - T(T(8) - 6))$.

6888 $:= 8 \times F(8) + 8!/6$
$:= (((8)!/\sqrt{T(8)}) + (8 \times (6)))$.

6891 $:= F(-1 + F(F((\sqrt{9})!))) + F(8) \times 6$
$:= (1 + 9) \times T(T(8)) + T(T(6))$.

6928 $:= -8! \times 2 + F((\sqrt{9})!) \times F(F(F(6)))$
$:= (\sqrt{T(8)})! - 2 + T(T(9)) \times 6$.

$$\mathbf{6933} := F(-F(F(3)) + F(F(3!))) + F((\sqrt{9})!) \times F(F(6))$$
$$:= 3 + T(3) \times T(T(9)) + 6!.$$

$$\mathbf{6938} := F(8 + 3!) + \sqrt{9^{F(6)}}$$
$$:= 8 + T(3) \times T(T(9)) + 6!.$$

$$\mathbf{6966} := 6 \times (F(F(6))^{F(\sqrt{9})} + 6!)$$
$$:= (T(6) \times 6 + T(T(9))) \times 6.$$

$$\mathbf{6969} := F(9) \times 6 + F(-F(F(\sqrt{9})) + F(F(6)))$$
$$:= (T(\sqrt{9}))! - T(T(6)) + 9 \times 6!.$$

$$\mathbf{6974} := F(F(F(4)!)) + F(F(7)) + F((\sqrt{9})!)!/6$$
$$:= \sqrt{4} \times (T(T(7)) + T(T(-9 + T(6)))).$$

$$\mathbf{6984} := 4! \times F(8) + 9 \times 6!$$
$$:= 4! \times (\sqrt{T(8)} \times T(9) + T(6)).$$

$$\mathbf{7245} := 5 \times F(F(F(4)!))^2 + 7!$$
$$:= (5 + \sqrt{4}) \times T(T(2 + 7)).$$

$$\mathbf{7384} := \sqrt{F(F(4)!) \times (8! + F(3!))} \times F(7)$$
$$:= 4 \times ((\sqrt{T(8)})! + T(3)! + T(T(7))).$$

$$\mathbf{7441} := (1 + F(4)!)^4 + 7!$$
$$:= (1 + T(T(\sqrt{4})))^4 + 7!.$$

$$\mathbf{7447} := 7^4 + F(4)! + 7!$$
$$:= 7^4 + T(T(\sqrt{4})) + 7!.$$

$$\mathbf{7449} := (-\sqrt{9} + 4! \times 4!) \times F(7)$$
$$:= \sqrt{9} \times (-\sqrt{4} + T(T(4) \times 7)).$$

$$\mathbf{7464} := F(F(4)!) + (F(6) + 4!) \times F(F(7))$$
$$:= 4! \times (6! - T(\sqrt{4}) - T(T(7))).$$

$$\mathbf{7475} := 5 \times (-F(F(7)) + F(4)!!) + 7!$$
$$:= (-5 + T(7)) \times T(-T(\sqrt{4}) + T(7)).$$

$$\mathbf{7479} := F(\sqrt{9})^{F(7)} - F(4)!! + 7$$
$$:= T(\sqrt{9}) \times T(T(7)) + T(\sqrt{4}) + 7!.$$

$$\mathbf{7488} := (\sqrt{8 + 8})! \times 4! \times F(7)$$
$$:= 8 \times T(8) \times (-\sqrt{4} + T(7)).$$

$$\mathbf{7491} := (1 - F(9)) \times (F(4)! - F(F(7)))$$
$$:= -1 \times T(T(9)) + T(T(T(\sqrt{4}))) \times T(T(7)).$$

$$\mathbf{7494} := F(4!)/(\sqrt{9})! - F(\sqrt{4}) - F(F(7))$$
$$:= T(T(4)) \times T(9) - T(T(T(\sqrt{4}))) + 7!.$$

$$\mathbf{7497} := F(7) \times 9 \times F(F(F(4)!)) + 7!$$
$$:= (T(7) + T(T(\sqrt{9}))) \times T(4! - 7).$$

$$\mathbf{7539} := \sqrt{9} \times (F(F(3!)) \times 5! - 7)$$
$$:= \sqrt{9} \times (T(T(3)) \times 5! - 7).$$

$$\mathbf{7599} := \sqrt{9} \times (F(F((\sqrt{9})!)) \times 5! + F(7))$$
$$:= T(9 \times 9) + T(5! - T(7)).$$

$$\mathbf{7629} := (\sqrt{9})!! + F(2 \times F(6)) \times 7$$
$$:= (T(T(9)) - T(T(T(2))) \times (-6! + T(T(7)))).$$

$$\mathbf{7665} := \sqrt{5^6} \times F(F(6)) + 7!$$
$$:= \sqrt{5^6} \times T(6) + 7!.$$

$$\mathbf{7679} := ((\sqrt{9})!! + F(-7 + F(F(6)))) \times 7$$
$$:= T(T(\sqrt{9})) \times (T(T(7)) - T(6)) - T(T(7)).$$

$$\mathbf{7686} := F(F(6)) \times F(8) \times 6 + 7!$$
$$:= T(6) \times \sqrt{T(8)} \times T(6) + 7!.$$

$$\mathbf{7694} := F(4!)/(\sqrt{9})! - F(F(6)) - F(7)$$
$$:= T(4!) \times \sqrt{\sqrt{9^6}} - T(T(7)).$$

$$\mathbf{7749} := F(F((\sqrt{9})!)) \times (-F(F(4)!) + F(7 + 7))$$
$$:= 9 \times T(T(T(4)) - 7 - 7).$$

$$\mathbf{7759} := \sqrt{9} \times F(5 + F(7)) + 7$$
$$:= T(T(\sqrt{9}))!/(T(5)! \times 7!) + 7.$$

$$\mathbf{7844} := F(F(F((F(4))!))) - (F(4)! + 8!)/F(7)$$
$$:= (-T(4) + T(T(T(T(\sqrt{4}))))) \times (\sqrt{T(8)} + T(7))).$$

$$\mathbf{7854} := F(F((F(4))!)) \times (5! + F(8) + F(F(7)))$$
$$:= T(T(T(\sqrt{4 + 5}))) \times (\sqrt{T(8)} + T(7)).$$

$$\mathbf{7899} := -F(F((\sqrt{9})!)) + (\sqrt{9} + 8)!/7!$$
$$:= -T(T(\sqrt{9})) + ((\sqrt{9} + 8))!/7!.$$

$$\mathbf{7932} := 2 + F(3! + 9) \times F(7)$$
$$:= -T(T(2))! + T(T(3)) \times (T(\sqrt{9}) + T(T(7))).$$

$$\mathbf{7935} := 5 + F(3! + 9) \times F(7)$$
$$:= T(5) + (T(T(T(3))))/T(T(\sqrt{9})))!/7!.$$

7938 $:= F(8) \times 3! \times 9 \times 7$
$:= \sqrt{T(8)} \times T(T(3)) \times 9 \times 7.$

7947 $:= 7! + F(4)!! + \sqrt{9^7}$
$:= 7! + T(T(\sqrt{4}))! + \sqrt{9^7}.$

7952 $:= -2 \times 5! + F(\sqrt{9})^{F(7)}$
$:= T(T(T(2)))!/(T(5) + \sqrt{9})! - T(7).$

7974 $:= 4 \times F(7) + F(9) \times F(F(7))$
$:= -(T(T(\sqrt{4})))! + T(T(7)) \times 9 + 7!.$

7986 $:= F(6) \times 8 + F(9) \times F(F(7))$
$:= 6! + T(\sqrt{T(8)}) + T(T(9)) \times 7.$

7994 $:= 4! \times \sqrt{9} + F(9) \times F(F(7))$
$:= T(4!) \times T(T(T(\sqrt{9}))/\sqrt{9}) - T(T(7)).$

8043 $:= F(3!)!/(4 + 0!) - F(8)$
$:= T(T(T(T(3)))/T(\sqrt{4})) + (-0! + 8)!.$

8064 $:= 4 \times F(6)!/(-0! + F(8))$
$:= (\sqrt{4} + 6)!/(-0! + \sqrt{T(8)}).$

8361 $:= -1 - F(6 \times 3) + F(F(8))$
$:= (1 + 6)! + T(\sqrt{3^6}).$

8367 $:= F(F(7)) \times 6^{F(3)} - F(8)$
$:= 7! + 6 + T(\sqrt{3^6}).$

8379 $:= ((\sqrt{9})! + F(7)) \times F(F(3!)) \times F(8)$
$:= 9 \times (T(7) + T(T(3) + T(8))).$

8427 $:= (-7! + 2)/\sqrt{4} + F(F(8))$
$:= (T(T(7)) - T(2)) \times T(T(T(\sqrt{4}))) - T(8).$

8496 $:= (6! + (\sqrt{9})!^{\sqrt{4+F(8)}})$
$:= (6!/\sqrt{9} - 4) \times T(8).$

8546 $:= (-F(F(6)) + F(\sqrt{4})) \times 5! + F(F(8))$
$:= T(6)^{T(\sqrt{4})} + 5 - (\sqrt{T(8)})!.$

8594 $:= F(F(F(4)!)) \times (F((\sqrt{9})!) - 5!) + F(F(8))$
$:= -T(T(T(4))) + T(\sqrt{9})! \times T(5) - T(T(8)).$

8629 $:= (9!/2 - T(T(6)))/T(\sqrt{T(8)})$
$:= -F(F(9)/2) - 6! + F(F(8)).$

8684 $:= -F(4)! \times F(8 + 6) + F(F(8))$
$:= (\sqrt{4} + T(T(8))) \times (T(6) - 8).$

8793 $:= -3!! \times \sqrt{9} + 7 + F(F(8))$
$:= T(T(T(3))) + T(T(\sqrt{9})) \times T(T(7)) + T(8).$

8799 $:= -(\sqrt{9})!! \times \sqrt{9} + F(7) + F(F(8))$
$:= (-T(\sqrt{9})! + T(T(9))) \times T(7) - T(\sqrt{T(8)}).$

8932 $:= 2 \times (-3!! \times 9 + F(F(8)))$
$:= (T(T(T(T(2)))) \times (T(T(T(3)))) + T(T(T(\sqrt{9}))))/\sqrt{T(8)}.$

8944 $:= \sqrt{4} \times (F(F(4)!)!/9 - 8)$
$:= (-T(4) + T(\sqrt{4} + T(9))) \times 8.$

9048 $:= (F(8 + F(4)!)) \times (0! + \sqrt{9})!$
$:= (T(8) + T(\sqrt{4})) \times (0! + T(T(T(\sqrt{9})))).$

9238 $:= F(8)^3 - 2 - F(F((\sqrt{9})!))$
$:= (T(\sqrt{T(8)})^3 - 2 - T(T(\sqrt{9}))).$

9243 $:= F(F(3!))^{F(4)} - 2 \times 9$
$:= 3 \times T((4! + 2) \times \sqrt{9}).$

9249 $:= F(F((\sqrt{9})!))^{F(4)} - 2 \times (\sqrt{9})!$
$:= T(T(9) + T(4)) \times T(T(2)) + 9.$

9253 $:= F(F(3!))^{5-2} - F((\sqrt{9})!)$
$:= -3 - 5 + T(T(T(2)))^{\sqrt{9}}.$

9282 $:= (F(2) + F(8)^2) \times F(F((\sqrt{9})!))$
$:= T(T(2)) \times (8^{T(2)} + T(T(9))).$

9284 $:= F(F(F(F(4)!))) \times F(8 + F(2)) - 9!$
$:= \sqrt{4} + T(\sqrt{T(8)})^{T(2)} + T(T(\sqrt{9})).$

9285 $:= 5! \times F(8) + F(-F(2) + F(F((\sqrt{9})!)))$
$:= T(5) \times (T(T(8)) - 2 - T(9)).$

9288 $:= 8 \times (F(8)^2 + (\sqrt{9})!!)$
$:= \sqrt{T(8)} \times T(8) \times (-2 + T(9)).$

9294 $:= F(F(F(4)!))^{\sqrt{9}} - F(2) + F(9)$
$:= -T(\sqrt{4}) + (T(T(9)) - 2) \times 9.$

9324 $:= (F(F(F(4)!))^2 + 3) \times F(F((\sqrt{9})!))$
$:= T(\sqrt{4}) \times (T(2) + 3 \times T(T(9))).$

$$\mathbf{9339} := F(9-F(3))\times 3!! - F(F((\sqrt{9})!))$$
$$:= T(9+3)+T(T(3))^{\sqrt{9}}.$$

$$\mathbf{9345} := 5\times F(F(F(4)!))\times F(F(3)+9)$$
$$:= (-5\times T(T(4))+T(3)!)\times T(T(\sqrt{9})).$$

$$\mathbf{9347} := F(7)\times(-4+3!!+\sqrt{9})$$
$$:= T(T(7))\times(\sqrt{4}+T(T(3)))+9.$$

$$\mathbf{9348} := F(F(8))-F(\sqrt{4})-F(F(3!)+9)$$
$$:= (T(\sqrt{T(8)})+T(T(T(4)))-3)\times T(\sqrt{9}).$$

$$\mathbf{9352} := F(2+5)\times 3!! - F((\sqrt{9})!)$$
$$:= T(-2+T(5))+T(T(3))^{\sqrt{9}}.$$

$$\mathbf{9354} := F(\sqrt{4}+5)\times 3!! - (\sqrt{9})!$$
$$:= (-\sqrt{4}+T(5))\times T(3)! - T(\sqrt{9}).$$

$$\mathbf{9357} := F(7)\times 5!\times 3! - \sqrt{9}$$
$$:= (T(7)-T(5))\times T(3)! - \sqrt{9}.$$

$$\mathbf{9366} := (F(F(6))-F(6))\times 3!! + (\sqrt{9})!$$
$$:= 6\times\left(T(6)+T\left(T\left(T\left(\sqrt{T(3)!/T(9)}\right)\right)\right)\right).$$

$$\mathbf{9369} := (F(9)-F(F(6)))\times 3!! + 9$$
$$:= (T(T(9))+6)\times 3\times\sqrt{9}.$$

$$\mathbf{9378} := F(8)+F(7)\times 3!! - \sqrt{9}$$
$$:= T(T(8))\times(7+T(3))+T(\sqrt{9})!.$$

$$\mathbf{9381} := F(-1+8)\times 3!! + F(F((\sqrt{9})!))$$
$$:= (-1+\sqrt{T(8)})! + T(T(3))^{\sqrt{9}}.$$

$$\mathbf{9387} := (-F(7)\times F(8)+3!!)\times F(F((\sqrt{9})!))$$
$$:= 7\times(T(T(8))+T(3)!-T(9)).$$

$$\mathbf{9394} := (4+9)\times 3!! + F(9)$$
$$:= (T(T(4)\times T(\sqrt{9})))\times T(T(T(3)))/T(9).$$

$$\mathbf{9397} := F(7)\times(\sqrt{9}+3!!) - F(\sqrt{9})$$
$$:= T(7)+(T(T(9))+T(3))\times 9.$$

$$\mathbf{9424} := F(4)!! + 2^{F(F(4)!)}\times F(9)$$
$$:= T(T(T(4)))+T(2)\times T(4!\times\sqrt{9}).$$

$$\mathbf{9425} := 5^2\times F(F(4)!+F((\sqrt{9})!))$$
$$:= (5+T(T(2))!)\times(4+9).$$

$$\mathbf{9429} := (F(F((\sqrt{9})!))^2+F(F(4)!))\times F(F((\sqrt{9})!))$$
$$:= (9!/T(T(2))!-T(T(4)))\times T(T(\sqrt{9})).$$

$$\mathbf{9438} := F(F(8)/3)\times(F(4)!+(\sqrt{9})!!)$$
$$:= (\sqrt{T(8)}+T(3)!)\times(4+9).$$

$$\mathbf{9447} := F(7)\times(F(4)!+F(4)!!)+9$$
$$:= T(T(7))\times 4! - T(4!)+\sqrt{9}.$$

$$\mathbf{9472} := \sqrt{2^{F(7)}\times(F(4)!+F(F(F((\sqrt{9})!))))}$$
$$:= T(T(T(2)))\times T(T(7))+T(-\sqrt{4}+T(9)).$$

$$\mathbf{9476} := (-F(6)!+7!)/4!+F(F(F((\sqrt{9})!)))$$
$$:= (6+T(T(7)))\times(\sqrt{4}+T(T(\sqrt{9}))).$$

$$\mathbf{9486} := (6!-F(8)^{\sqrt{4}})\times F(9)$$
$$:= 6\times((\sqrt{T(8)})!+T(-4+T(9))).$$

$$\mathbf{9494} := F(F(F(4)!))^{\sqrt{9}}+F(4+9)$$
$$:= (\sqrt{4}+T(T(\sqrt{9}))^{T(\sqrt{4})})+T(T(T(\sqrt{9}))).$$

$$\mathbf{9495} := (5!+T(9+4))\times T(9)$$
$$:= 5\times((F((\sqrt{9})!)!/F(F(F(4)!)))-F(F((\sqrt{9})!))).$$

$$\mathbf{9498} := F(F(8))-(\sqrt{9})!!-F(4)!!-F((\sqrt{9})!)$$
$$:= T(T(\sqrt{T(8)}))+T(T(\sqrt{9}))^{T(\sqrt{4})}+T(\sqrt{9}).$$

$$\mathbf{9534} := 4^{3!}\times 5 - F(F(F((\sqrt{9})!)))$$
$$:= T(T(T(\sqrt{4})))\times T(T(3)\times 5)-T(T(T(\sqrt{9}))).$$

$$\mathbf{9548} := F(F(8))-F(F((\sqrt{4}+5)))\times(\sqrt{9})!$$
$$:= T(T(\sqrt{T(8)}))\times(4+5!)/\sqrt{9}.$$

$$\mathbf{9587} := -F(7)+8!\times 5/F(F((\sqrt{9})!))$$
$$:= -T(T(7))+T(T(8))\times T(5)+\sqrt{9}.$$

$$\mathbf{9594} := F(4)!!/9\times 5! - (\sqrt{9})!$$
$$:= T(4\times\sqrt{9})\times(5!+\sqrt{9}).$$

$$\mathbf{9599} := (\sqrt{9})!!/9\times 5! - F(F(\sqrt{9}))$$
$$:= (-9+(T(\sqrt{9}))!\times 5!)/9.$$

$$\mathbf{9644} := -F(4)!^4+F(F(F(6)))-(\sqrt{9})!$$
$$:= 4\times(-4+T(69)).$$

$$\mathbf{9645} := 5!\times 4!+F(F(F(6))-F(F(\sqrt{9})))$$
$$:= -T(5)+4\times T(69).$$

$$\begin{aligned}\mathbf{9647} &:= (7! \times F(4)! - F(F(F(6))))/F(\sqrt{9})\\ &:= -T(7) - T(T(\sqrt{4}))! + T(T(6)) \times T(9).\end{aligned}$$

$$\begin{aligned}\mathbf{9674} &:= F(F(F(F(4)!))) - (F(F(7)) - F(F(6))) \times (\sqrt{9})!\\ &:= \sqrt{4} \times 7! - T(T(T(6)/\sqrt{9})).\end{aligned}$$

$$\begin{aligned}\mathbf{9699} &:= (-F((\sqrt{9})!)! + 9 \times F(F(F(6))))/(\sqrt{9})!\\ &:= (T(9) - \sqrt{9}) \times T(T(6)) - \sqrt{9}.\end{aligned}$$

$$\begin{aligned}\mathbf{9723} &:= F(F(3!)) \times (2 \times F(F(7)) - \sqrt{9})\\ &:= T(T(T(3))) \times T(T(2)) \times 7 + T(T(\sqrt{9})).\end{aligned}$$

$$\begin{aligned}\mathbf{9744} &:= (F(4!) \times \sqrt{4} - 7!)/9\\ &:= 4! \times T(4! + \sqrt{7+9}).\end{aligned}$$

$$\begin{aligned}\mathbf{9753} &:= -F(3!) \times 5! - F(F(7)) + F(F(F((\sqrt{9})!)))\\ &:= (\sqrt{T(T(3)) - 5})! \times T(T(7)) + 9.\end{aligned}$$

$$\begin{aligned}\mathbf{9774} &:= F(4)! \times (7 \times F(F(7)) - F(\sqrt{9}))\\ &:= -T(4!) + 7! + 7! - T(\sqrt{9}).\end{aligned}$$

$$\begin{aligned}\mathbf{9786} &:= (6+8) \times F(F(7)) \times \sqrt{9}\\ &:= (-T(6) + (\sqrt{T(8)})!) \times (-7 + T(T(\sqrt{9}))).\end{aligned}$$

$$\begin{aligned}\mathbf{9849} &:= -F((\sqrt{9})! + F(F(4)!)) + F(F(8)) - (\sqrt{9})!!\\ &:= (-T(T(9)) + T(T(T(4))) - T(8)) \times T(T(\sqrt{9})).\end{aligned}$$

$$\begin{aligned}\mathbf{9864} &:= 4! \times (F(6+8) + F(9))\\ &:= (T(4) \times T(T(6)) - T(T(8))) \times T(\sqrt{9}).\end{aligned}$$

$$\begin{aligned}\mathbf{9947} &:= 7^{F(4)} \times (F((\sqrt{9})!) + F(F((\sqrt{9})!)))\\ &:= -T(T(7)) + T(4) \times T(T(9)) + \sqrt{9}.\end{aligned}$$

$$\begin{aligned}\mathbf{9954} &:= (4 \times 5! - (\sqrt{9})!) \times F(F((\sqrt{9})!))\\ &:= (4 \times 5! - T(\sqrt{9})) \times T(T(\sqrt{9})).\end{aligned}$$

$$\begin{aligned}\mathbf{9974} &:= F(4)!! - 7 + F(F((\sqrt{9})!))^{\sqrt{9}}\\ &:= T(T(\sqrt{4}))! + (-7 + T(T(\sqrt{9}))^{\sqrt{9}}).\end{aligned}$$

$$\begin{aligned}\mathbf{9981} &:= F(1 \times 8)^{\sqrt{9}} + (\sqrt{9})!!\\ &:= T(T(1 \times 8)) + 9 \times T(T(9)).\end{aligned}$$

$$\begin{aligned}\mathbf{9983} &:= 3!! + F(8)^{\sqrt{9}} + F(\sqrt{9})\\ &:= (-T(T(3)) + T(T(8)) \times T(9))/\sqrt{9}.\end{aligned}$$

$$\begin{aligned}\mathbf{9984} &:= F(4)!! + F(8)^{\sqrt{9}} + \sqrt{9}\\ &:= \sqrt{4^8} \times (T(9) - T(\sqrt{9})).\end{aligned}$$

$$\begin{aligned}\mathbf{9985} &:= -5! \times 8 + F(F(F((\sqrt{9})!))) - F(F(\sqrt{9}))\\ &:= T(5) \times T(T(8)) - T(9)/9.\end{aligned}$$

$$\begin{aligned}\mathbf{9989} &:= F((\sqrt{9})!) + F(8)^{\sqrt{9}} + (\sqrt{9})!!\\ &:= (T(9) \times T(T(8)) - \sqrt{9})/\sqrt{9}.\end{aligned}$$

$$\begin{aligned}\mathbf{9993} &:= F(F(F(3!))) + F(9) - F(F((\sqrt{9})!) + F((\sqrt{9})!))\\ &:= (T(T(T(3))) - 9) \times T(9) + \sqrt{9}.\end{aligned}$$

$$\begin{aligned}\mathbf{9994} &:= T(4)^{\sqrt{(T(\sqrt{9}))!/T(9)}} - T(\sqrt{9})\\ &:= F(F(F(F(4)!))) - (F(9) - (\sqrt{9})!) \times F(9).\end{aligned}$$

$$\begin{aligned}\mathbf{9995} &:= -5! \times F((\sqrt{9})!) + F(F(F((\sqrt{9})!))) + 9\\ &:= (5 + ((T(T(T(\sqrt{9}))) - 9) \times T(9))).\end{aligned}$$

$$\begin{aligned}\mathbf{9996} &:= F(F(6)) \times ((\sqrt{9})! + F((\sqrt{9})!)) \times F(9)\\ &:= (T(T(6)) - 9) \times T(9) + T(\sqrt{9}).\end{aligned}$$

$$\begin{aligned}\mathbf{9998} &:= (F(F(8)) + F(F((\sqrt{9})!))) \times F(9) - 9!\\ &:= 8 + (T(T(T(\sqrt{9}))) - 9) \times T(9).\end{aligned}$$

3. Patterned Numbers

There are numbers those can be extended just multiplying by 10 without loss of properties, and so on. This types of numbers, we call **patterned numbers**. This kind of numbers first introduced by Madachy [4], 1966, pp. 174-175. This section deals with **selfie patterned numbers** having **Fibonacci sequence** and **triangular numbers** simultaneously.

$$\begin{aligned}\mathbf{48} &:= F(4)! \times 8 \quad = T(T(\sqrt{4})) \times 8\\ \mathbf{480} &:= F(4)! \times 80 \quad = T(T(\sqrt{4})) \times 80\\ \mathbf{4800} &:= F(4)! \times 800 = T(T(\sqrt{4})) \times 800\end{aligned}$$

$$\begin{aligned}\mathbf{63} &:= F(F(6)) \times 3 \quad = T(6) \times 3\\ \mathbf{630} &:= F(F(6)) \times 30 \quad = T(6) \times 30\\ \mathbf{6300} &:= F(F(6)) \times 300 = T(6) \times 300\end{aligned}$$

$$\begin{aligned}
\mathbf{84} &:= F(8)\times 4 \quad = T(\sqrt{T(8)})\times 4\\
\mathbf{840} &:= F(8)\times 40 \;= T(\sqrt{T(8)})\times 40\\
\mathbf{8400} &:= F(8)\times 400 = T(\sqrt{T(8)})\times 400
\end{aligned}$$

$$\begin{aligned}
\mathbf{147} &:= 1\times F(F(F(4)!))\times 7 \quad = T(T(-1+4))\times 7\\
\mathbf{1470} &:= 1\times F(F(F(4)!))\times 70 \;= T(T(-1+4))\times 70\\
\mathbf{14700} &:= 1\times F(F(F(4)!))\times 700 = T(T(-1+4))\times 700
\end{aligned}$$

$$\begin{aligned}
\mathbf{315} &:= F(F(3!))\times 15 \quad = T(T(3))\times 15\\
\mathbf{3150} &:= F(F(3!))\times 150 \;= T(T(3))\times 150\\
\mathbf{31500} &:= F(F(3!))\times 1500 = T(T(3))\times 1500
\end{aligned}$$

$$\begin{aligned}
\mathbf{486} &:= \sqrt{F(4)^8}\times 6 \quad = \left(\sqrt{T(\sqrt{4})^8}\right)\times 6\\
\mathbf{4860} &:= \sqrt{F(4)^8}\times 60 \;= \left(\sqrt{T(\sqrt{4})^8}\right)\times 60\\
\mathbf{48600} &:= \sqrt{F(4)^8}\times 600 = \left(\sqrt{T(\sqrt{4})^8}\right)\times 600
\end{aligned}$$

$$\begin{aligned}
\mathbf{564} &:= (5!+F(F(6)))\times 4 \quad = (5!+T(6))\times 4\\
\mathbf{5640} &:= (5!+F(F(6)))\times 40 \;= (5!+T(6))\times 40\\
\mathbf{56400} &:= (5!+F(F(6)))\times 400 = (5!+T(6))\times 400
\end{aligned}$$

$$\begin{aligned}
\mathbf{1165} &:= F(F(1\times 1+6))\times 5 \quad = (1+1+T(T(6)))\times 5\\
\mathbf{11650} &:= F(F(1\times 1+6))\times 50 \;= (1+1+T(T(6)))\times 50\\
\mathbf{116500} &:= F(F(1\times 1+6))\times 500 = (1+1+T(T(6)))\times 500
\end{aligned}$$

$$\begin{aligned}
\mathbf{1365} &:= 13\times F(F(6))\times 5 \quad = 13\times T(6)\times 5\\
\mathbf{13650} &:= 13\times F(F(6))\times 50 \;= 13\times T(6)\times 50\\
\mathbf{136500} &:= 13\times F(F(6))\times 500 = 13\times T(6)\times 500
\end{aligned}$$

$$\begin{aligned}
\mathbf{1575} &:= F(F(1+5))\times 75 \quad = T(1+5)\times 75\\
\mathbf{15750} &:= F(F(1+5))\times 750 \;= T(1+5)\times 750\\
\mathbf{157500} &:= F(F(1+5))\times 7500 = T(1+5)\times 7500
\end{aligned}$$

$$\begin{aligned}
\mathbf{1645} &:= F(16)/F(4)\times 5 \quad = (-1+6\times T(T(4)))\times 5\\
\mathbf{16450} &:= F(16)/F(4)\times 50 \;= (-1+6\times T(T(4)))\times 50\\
\mathbf{164500} &:= F(16)/F(4)\times 500 = (-1+6\times T(T(4)))\times 500
\end{aligned}$$

$$\begin{aligned}
\mathbf{1885} &:= F(1+F(8)-8)\times 5 \quad = (-1+T(\sqrt{T(8)}+T(\sqrt{T(8)})))\times 5\\
\mathbf{18850} &:= F(1+F(8)-8)\times 50 \;= (-1+T(\sqrt{T(8)}+T(\sqrt{T(8)})))\times 50\\
\mathbf{188500} &:= F(1+F(8)-8)\times 500 = (-1+T(\sqrt{T(8)}+T(\sqrt{T(8)})))\times 500
\end{aligned}$$

$$\begin{aligned}
\mathbf{2079} &:= (-2+F(F(07)))\times 9 \quad = T(T(2)\times 07)\times 9\\
\mathbf{20790} &:= (-2+F(F(07)))\times 90 \;= T(T(2)\times 07)\times 90\\
\mathbf{207900} &:= (-2+F(F(07)))\times 900 = T(T(2)\times 07)\times 900
\end{aligned}$$

$$\begin{aligned}
\mathbf{2435} &:= (-F(F(F(2)+F(4)!))+3!!)\times 5 &&= ((T(T(2)))!-\sqrt{4}-T(T(T(3))))\times 5\\
\mathbf{24350} &:= (-F(F(F(2)+F(4)!))+3!!)\times 50 &&= ((T(T(2)))!-\sqrt{4}-T(T(T(3))))\times 50\\
\mathbf{243500} &:= (-F(F(F(2)+F(4)!))+3!!)\times 500 &&= ((T(T(2)))!-\sqrt{4}-T(T(T(3))))\times 500
\end{aligned}$$

$$\begin{aligned}
\mathbf{2645} &:= (2+F(F(6)))^{\sqrt{4}}\times 5 &&= (2+T(6))^{\sqrt{4}}\times 5\\
\mathbf{26450} &:= (2+F(F(6)))^{\sqrt{4}}\times 50 &&= (2+T(6))^{\sqrt{4}}\times 50\\
\mathbf{264500} &:= (2+F(F(6)))^{\sqrt{4}}\times 500 &&= (2+T(6))^{\sqrt{4}}\times 500
\end{aligned}$$

$$\begin{aligned}
\mathbf{2688} &:= 2\times F(6)\times F(8)\times 8 &&= 2\times T(6)\times 8\times 8\\
\mathbf{26880} &:= 2\times F(6)\times F(8)\times 80 &&= 2\times T(6)\times 8\times 80\\
\mathbf{268800} &:= 2\times F(6)\times F(8)\times 800 &&= 2\times T(6)\times 8\times 800
\end{aligned}$$

$$\begin{aligned}
\mathbf{3087} &:= F(F(3!))\times F(08)\times 7 &&= T(T(3))\times T(\sqrt{T(08)})\times 7\\
\mathbf{30870} &:= F(F(3!))\times F(08)\times 70 &&= T(T(3))\times T(\sqrt{T(08)})\times 70\\
\mathbf{308700} &:= F(F(3!))\times F(08)\times 700 &&= T(T(3))\times T(\sqrt{T(08)})\times 700
\end{aligned}$$

$$\begin{aligned}
\mathbf{3325} &:= (3!!-F(F(3!)+2))\times 5 &&= (T(3)!-T(T(T(3)-2)))\times 5\\
\mathbf{33250} &:= (3!!-F(F(3!)+2))\times 50 &&= (T(3)!-T(T(T(3)-2)))\times 50\\
\mathbf{332500} &:= (3!!-F(F(3!)+2))\times 500 &&= (T(3)!-T(T(T(3)-2)))\times 500
\end{aligned}$$

$$\begin{aligned}
\mathbf{3375} &:= 3\times(-F(3!)+F(F(7)))\times 5 &&= T(3\times 3)\times 75\\
\mathbf{33750} &:= 3\times(-F(3!)+F(F(7)))\times 50 &&= T(3\times 3)\times 750\\
\mathbf{337500} &:= 3\times(-F(3!)+F(F(7)))\times 500 &&= T(3\times 3)\times 7500
\end{aligned}$$

$$\begin{aligned}
\mathbf{3485} &:= (3!!-\sqrt{4}-F(8))\times 5 &&= (T(T(3))+T(4)+T(T(8)))\times 5\\
\mathbf{34850} &:= (3!!-\sqrt{4}-F(8))\times 50 &&= (T(T(3))+T(4)+T(T(8)))\times 50\\
\mathbf{348500} &:= (3!!-\sqrt{4}-F(8))\times 500 &&= (T(T(3))+T(4)+T(T(8)))\times 500
\end{aligned}$$

$$\begin{aligned}
\mathbf{3525} &:= (F(F(3!))+5!)\times 25 &&= (T(T(3))+5!)\times 25\\
\mathbf{35250} &:= (F(F(3!))+5!)\times 250 &&= (T(T(3))+5!)\times 250\\
\mathbf{352500} &:= (F(F(3!))+5!)\times 2500 &&= (T(T(3))+5!)\times 2500
\end{aligned}$$

$$\begin{aligned}
\mathbf{3528} &:= F(3+5)^2\times 8 &&= (T(3)+T(5))^2\times 8\\
\mathbf{35280} &:= F(3+5)^2\times 80 &&= (T(3)+T(5))^2\times 80\\
\mathbf{352800} &:= F(3+5)^2\times 800 &&= (T(3)+T(5))^2\times 800
\end{aligned}$$

$$\begin{aligned}
\mathbf{3545} &:= (3!!-5-F(4)!)\times 5 &&= (T(3)!-T(5)+4)\times 5\\
\mathbf{35450} &:= (3!!+5-F(4)!)\times 50 &&= (T(3)!-T(5)+4)\times 50\\
\mathbf{354500} &:= (3!!+5-F(4)!)\times 500 &&= (T(3)!-T(5)+4)\times 500
\end{aligned}$$

$$\begin{aligned}
\mathbf{3605} &:= (F(3)+6!-0!)\times 5 &&= (T(3)!+(6\times 0)!)\times 5\\
\mathbf{36050} &:= (F(3)+6!-0!)\times 50 &&= (T(3)!+(6\times 0)!)\times 50\\
\mathbf{360500} &:= (F(3)+6!-0!)\times 500 &&= (T(3)!+(6\times 0)!)\times 500
\end{aligned}$$

$$\begin{aligned}
\mathbf{3635} &:= (3^6-F(3))\times 5 &&= (T(3)!+T(6)/3)\times 5\\
\mathbf{36350} &:= (3^6-F(3))\times 50 &&= (T(3)!+T(6)/3)\times 50\\
\mathbf{363500} &:= (3^6-F(3))\times 500 &&= (T(3)!+T(6)/3)\times 500
\end{aligned}$$

$$\begin{aligned}
\mathbf{3705} &:= (3!! + F(7+0!)) \times 5 \quad = T(37+0!) \times 5 \\
\mathbf{37050} &:= (3!! + F(7+0!)) \times 50 \quad = T(37+0!) \times 50 \\
\mathbf{370500} &:= (3!! + F(7+0!)) \times 500 = T(37+0!) \times 500
\end{aligned}$$

$$\begin{aligned}
\mathbf{3944} &:= (-F(F(3)) + F(F(\sqrt{9})^4)) \times 4 \quad = (T(3) + T(T(9)) - T(T(4))) \times 4 \\
\mathbf{39440} &:= (-F(F(3)) + F(F(\sqrt{9})^4)) \times 40 \quad = (T(3) + T(T(9)) - T(T(4))) \times 40 \\
\mathbf{394400} &:= (-F(F(3)) + F(F(\sqrt{9})^4)) \times 400 = (T(3) + T(T(9)) - T(T(4))) \times 400
\end{aligned}$$

$$\begin{aligned}
\mathbf{4293} &:= (F(4)!! \times 2 - 9) \times 3 \quad = T(4! + 29) \times 3 \\
\mathbf{42930} &:= (F(4)!! \times 2 - 9) \times 30 \quad = T(4! + 29) \times 30 \\
\mathbf{429300} &:= (F(4)!! \times 2 - 9) \times 300 = T(4! + 29) \times 300
\end{aligned}$$

$$\begin{aligned}
\mathbf{5187} &:= ((5+1)! + F(8)) \times 7 \quad = T(\sqrt{5-1} + T(8)) \times 7 \\
\mathbf{51870} &:= ((5+1)! + F(8)) \times 70 \quad = T(\sqrt{5-1} + T(8)) \times 70 \\
\mathbf{518700} &:= ((5+1)! + F(8)) \times 700 = T(\sqrt{5-1} + T(8)) \times 700
\end{aligned}$$

$$\begin{aligned}
\mathbf{5825} &:= F(5+8) \times 25 \quad = 5 \times (T(T(\sqrt{T(8)})) + 2) \times 5 \\
\mathbf{58250} &:= F(5+8) \times 250 \quad = 5 \times (T(T(\sqrt{T(8)})) + 2) \times 50 \\
\mathbf{582500} &:= F(5+8) \times 2500 = 5 \times (T(T(\sqrt{T(8)})) + 2) \times 500
\end{aligned}$$

$$\begin{aligned}
\mathbf{6615} &:= F(F(6)) \times F(F(6)) \times 15 \quad = T(6) \times T(6) \times 15 \\
\mathbf{66150} &:= F(F(6)) \times F(F(6)) \times 150 \quad = T(6) \times T(6) \times 150 \\
\mathbf{661500} &:= F(F(6)) \times F(F(6)) \times 1500 = T(6) \times T(6) \times 1500
\end{aligned}$$

$$\begin{aligned}
\mathbf{7875} &:= (F(F(7)) - 8) \times 7 \times 5 \quad = T(-7 + T(\sqrt{T(8)})) \times 75 \\
\mathbf{78750} &:= (F(F(7)) - 8) \times 7 \times 50 \quad = T(-7 + T(\sqrt{T(8)})) \times 750 \\
\mathbf{787500} &:= (F(F(7)) - 8) \times 7 \times 500 = T(-7 + T(\sqrt{T(8)})) \times 7500
\end{aligned}$$

$$\begin{aligned}
\mathbf{9425} &:= F((\sqrt{9})! + F(F(4)!)) \times 25 \quad = (-T(\sqrt{9}) + T(T(T(4)) + T(T(2)))) \times 5 \\
\mathbf{94250} &:= F((\sqrt{9})! + F(F(4)!)) \times 250 \quad = (-T(\sqrt{9}) + T(T(T(4)) + T(T(2)))) \times 50 \\
\mathbf{942500} &:= F((\sqrt{9})! + F(F(4)!)) \times 2500 = (-T(\sqrt{9}) + T(T(T(4)) + T(T(2)))) \times 500
\end{aligned}$$

Acknowledgement

The author is thankful to T.J. Eckman, Georgia, USA (email: jeek@jeek.net) in programming the script to develop these representations.

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