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Fibonacci Sequence and Selfie Numbers - II

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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", such as, numbers written in digit's order or its reverse. It can also be represented in increasing and/or decreasing order of digits. This is generally obtained by use of basis operations along with factorial and square-root, etc. In this work we have written "Selfie Numbers" using Fibonacci sequence value in composition form in terms of digit's order and its reverse.

The work of this paper is divided in sections and subsections given below:

1 **Introduction**;
1.1 **Selfie Numbers**;
1.2 **Fibonacci Sequence**;
2 **Selfie Numbers with Fibonacci Sequence Values**;
2.1 **Palindromic Selfie Numbers**;
2.2 **Selfie Numbers in Digit's Order**;
2.3 **Selfie Numbers in Reverse Order of Digits**;
3 **Symmetric Representations**;
3.1 **Symmetric Representations in Both Ways**;
3.2 **Symmetric Representations in Digit's Order**;
3.3 **Symmetric Representations in Reverse Order of Digits**;
4 **Symmetric Representations in terms of F(2), F(3) and F(4)**;
4.1 **Symmetric Representations in Both Ways**;
4.2 **Symmetric Representations in Digit's Order**;
4.3 **Symmetric Representations in Reverse Order of Digits**;
5 **Symmetric Representations in F(F(3)) and F(F(4))**;
5.1 **Symmetric Representations in Both Ways**;
5.2 **Symmetric Representations Reverse order of Digits**;
6 **Number Patterns with Fibonacci Sequence Values**.

1 Introduction

This introductory sections deals with the explanations of two principal ideas. One is on *selfie numbers* and another on obtaining selfie numbers by use of *Fibonacci sequence* values.

1.1 Selfie Numbers

Numbers represented by their own digits by use of certain operations are considered as *"Selfie Number"*. These numbers are divided in two categories. These two categories are again divided in two each, i.e., one in order of digits appearing in the numbers and their reverse, and the second is in increasing and decreasing order of digits. See below examples in each category:

- **Digit's Order**

$$936 = (\sqrt{9})!^3 + 6!;$$
$$1296 = \sqrt{(1+2)!^9/6};$$
$$2896 = 2 \times (8 + (\sqrt{9})!! + 6!);$$
$$12969 = 1 \times 2 \times 9 \times 6! + 9.$$

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- **Reverse Order of Digits**

$$936 = 6! + (3!)^{\sqrt{9}};$$
$$1296 = 6^{(\sqrt{9}+2-1)};$$
$$2896 = (6! + (\sqrt{9})!! + 8) \times 2;$$
$$20167 = 7 + (6 + 1 + 0!)!/2.$$

- **Increasing Order of Digits**

$$936 = 3!! + 6^{\sqrt{9})};$$
$$1296 = (1 + 2)! \times 6^{\sqrt{9}};$$
$$8397 = -3 - 7! + 8!/\sqrt{9};$$
$$241965 = (1 + (2 \times 4)! + 5) \times 6 + 9.$$

- **Decreasing Order of Digits**

$$936 = (\sqrt{9})!! + 6^3;$$
$$1296 = ((\sqrt{9})! \times 6)^2 \times 1;$$
$$20148 = (8! - 4)/2 - 10;$$
$$435609 = 9 + (6! - 5!/\sqrt{4})^{(3-0!)}.$$

We observe that in some case, the same number can be represented in more than one or in all the four ways. For more details on *selfie numbers* refer to author's work [11, 14, 16], [20]-[24], For more work on numbers in different situations refer also author's work [10]-[13], [17]-[19], [25]-[44]. Also refer [1, 3, 4, 7, 8, 9] for more studies. Few basic examples connecting Fibonacci sequence values can be seen in [2].

Above we have given examples of *selfie numbers* in four different ways. This has been done using the basic operations along with *factorial* and *square-root*.

1.2 Fibonacci Sequence

Fibonacci sequence numbers are well known in literature [5, 6]. This sequence is defined as

$$F(0) = 0, \quad F(1) = 1, \quad F(n+1) = F(n) + F(n-1), \quad n \geq 1.$$

Initial values of Fibonacci sequence are given by

$F(1) = 1$	$F(6) = 8$	$F(11) = 89$	$F(16) = 987$	$F(21) = 10946$
$F(2) = 1$	$F(7) = 13$	$F(12) = 144$	$F(17) = 1597$	$F(22) = 17711$
$F(3) = 2$	$F(8) = 21$	$F(13) = 233$	$F(18) = 2584$	$F(23) = 28657$
$F(4) = 3$	$F(9) = 34$	$F(14) = 377$	$F(19) = 4181$	$F(24) = 46368$
$F(5) = 5$	$F(10) = 55$	$F(15) = 610$	$F(20) = 6765$	$F(25) = 75025$, etc,

Interestingly, natural numbers can be written in terms of *Fibonacci sequence* values. Below are examples:

$0 = F(0)$
$1 = F(1) = F(2)$
$2 = F(3)$
$3 = F(4)$
$4 = F(2) + F(4)$
$5 = F(5)$
$6 = F(2) + F(5)$
$7 = F(3) + F(5)$
$8 = F(6)$
$9 = F(2) + F(6)$
$10 = F(3) + F(6)$
$11 = F(4) + F(6)$
$12 = F(2) + F(4) + F(6)$
$13 = F(7)$
$14 = F(2) + F(7)$
$15 = F(3) + F(7)$
$16 = F(4) + F(7)$
$17 = F(2) + F(4) + F(7)$
$18 = F(5) + F(7)$
$19 = F(2) + F(5) + F(7)$
$20 = F(3) + F(5) + F(7)$
$21 = F(8)$
$22 = F(2) + F(8)$
$23 = F(3) + F(8)$ etc,

Based on values of $F(.)$, we can write composition values, such as, $F(F(1))$, $F(F(2))$, etc. See examples below:

$F(F(0)) = 0$
$F(F(1)) = 1$
$F(F(2)) = 1$
$F(F(3)) = 1$
$F(F(4)) = 2$
$F(F(5)) = 5$
$F(F(6)) = 21$
$F(F(7)) = 233$
$F(F(8)) = 10946$
$F(F(9)) = 5702887$
$F(F(10)) = 139583862445$
$F(F(11)) = 1779979416004714189$
$F(F(12)) = 5555654042242926944040157918 08$
$F(F(13)) = 221123640630391454569941296974487399338795698865 3$, etc.

Similarly, we can write values for $F(F(F(.)))$, $F(F(F(F(.))))$, etc. The work on *selfie numbers* based on *Fibonacci sequence* values is divided in three parts. See below this division:

(i) In first paper, [45], we worked with selfie numbers just using the terms of Fibonacci sequences as F(.). No composition in terms of F is used. See some examples, below:

$$256 = 2^5 \times F(6).$$
$$46493 = F(4 \times 6) + (-4 + 9)^3.882 = 2 \times F(8) \times F(8).$$
$$1631 = F(13) \times (6 + 1).$$
$$54128 = 8 \times (F(2) + F(1 \times 4 \times 5)).$$

The first two examples are in digit's order and last three in reverse order of digits. For details refer [45].

(ii) In the second paper, we used *composition* of *Fibonacci sequence* values to write numbers. See some examples, below:

$$235 = 2 + F(F(F(3) + 5)).$$
$$4427 = (F(4) + 4^2) \times F(F(7)).$$
$$63 = 3 \times F(F(6)).$$
$$43956 = (F(F(F(6))) + 5 \times 9 - F(3)) \times 4.$$

The first two examples are in order of digits, and last two examples are in reverse order of digits. Here compositions function like, F(F(.)),F(F(F(.))), arising due to Fibonacci sequence values are used. This is done in this paper.

(iii) The third paper is a combination of parts (i) and (ii) along with *factorial* and *square-root*, for example,

$$447 = (F(4))!! - F(F((F(4))!)) \times F(7).$$
$$954 = F((\sqrt{9})!) \times 5! - F(4)!.$$
$$433 = F(F(3!))^{F(3)} - F(F(4)!).$$
$$1919 = (F((\sqrt{9})!)!/F(-1 + 9)) - 1.$$

The first two examples are in order of digits, and last two examples are in reverse order of digits. The composition functions, like, F(F(.)),F(F(F(.))), arising due to Fibonacci sequence values are used. Also the idea of *factorial* and *square-roots* is used.

2 Selfie Numbers with Fibonacci Sequence Values

Initially, we shall write *selfie numbers with Fibonacci sequence values*. In this case we have values with F(.), F(F(.)), etc. It is divided in three subsections, one on palindromic numbers, another on numbers with increasing order and finally last one with in reverse order of digits. For palindromic numbers the work is up to 5 digits. The rest is up to 4 digits.

2.1 Palindromic Selfie Numbers

$55 = F(5+5)$.
$474 = (4+F(F(7)))\times F(F(4))$.
$484 = (F(F(F(4)))+F(8))^{F(F(4))}$.

$2772 = (-2+F(F(7)))\times(F(7)-F(2))$.
$3773 = (-F(3)+F(7))\times 7^3$.

$13531 = F((1+3)\times 5)\times F(3)+1$.
$14641 = 1+(F(4)+F(6))^4-1$.
$15251 = F(15)\times 25+1$.
$21961 = 2\times 1\times(F(9)+F(F(F(6))))+1$.
$23732 = (-F(2)+3\times F(F(7)))\times F(3^2)$.
$28882 = F(2+F(8))-8+F(F(8-F(2)))$.
$32823 = (-3-2+F(F(8)))\times(F(2)+F(3))$.

$39393 = 3^9\times F(3)+9\times 3$.
$44944 = ((4+49)\times 4)^{F(F(4))}$.
$46264 = F(4\times 6)-26\times 4$.
$46364 = F(4\times 6)-F(3)-6+4$.
$46464 = F(4\times 6)+4\times 6\times 4$.
$46664 = 4+6^6+F(6)-4$.
$46764 = 4\times(F(F(F(6)))+F(F(7))+F(6)^{F(4)})$.
$47374 = (F(F(F(4))\times 7)^{F(3)}-7)/F(4)$.

$47574 = F(4)\times(F(F(7))+5^{7-F(F(F(4)))})$.
$48384 = (F(4)\times 8)^{F(3)}\times 84$.
$48384 = (F(4)\times 8)^{F(3)}\times 84$.
$49994 = F(F(4))\times(-F(9)+F(F(9)-9))/F(4)$.
$54645 = (F(F(5+F(4)))-F(F(6))+4)\times 5$.
$54745 = 5\times F(F(4)\times 7)+F(4)\times 5$.
$54845 = (5^{F(F(4))}+F(F(8))-F(F(4)))\times 5$.
$62426 = (F(6)-F(2))^4\times 26$.
$62426 = (F(6)-F(2))^4\times 26$.
$63936 = 6^3\times(F(9)+3)\times F(6)$.
$65556 = (F(F(F(6)))-5\times 5+5)\times 6$.
$66666 = (F(F(F(6)))+F(6+6)+F(F(6)))\times 6$.
$67176 = (F(F(F(6)))+F(F(7))+17)\times 6$.
$68286 = (-6+F(8)^2+F(F(8)))\times 6$.
$69696 = (F(6)\times F(9)-F(6))^{F(9-6)}$.
$73793 = (7+F(3)^{F(7)})\times 9+F(3)$.

$75257 = F(F(7))+F(5^2)-F(-5+7)$.
$75457 = 7\times F(F(5+F(4)))-5\times F(F(7))$.
$75957 = (F(F(F(7)-5))-95)\times 7$.
$76167 = (-F(7)\times(6-1)+F(F(F(6))))\times 7$.
$76367 = 7\times F(F(F(6)))-F(F(3))-F(F(6))-F(F(7))$.
$76467 = F(7)+(F(F(F(6)))-4\times 6)\times 7$.
$76567 = 7\times F(F(F(6)))-F(-5+F(6)+7)$.
$76667 = 7\times(F(F(F(6)))+6)+F(F(6))/7$.

$76867 = (-7+F(F(6))+F(F(8))+F(F(6)))\times 7$.
$78487 = 7\times F(F(8))+F(F(F(4)))+8\times F(F(7))$.
$78987 = (F(F(7))+8+98)\times F(F(7))$.
$84284 = F(F(8)+4)-2+F(8)^{F(4)}$.
$86368 = (F(F(8))-6-F(F(3)\times 6))\times 8$.
$86968 = (F(F(8))-69-6)\times 8$.
$87878 = (F(F(8))+7)\times 8+F(F(7))+F(8)$.

$88288 = (F(F(8))+82+8)\times 8$.
$88788 = 8\times F(F(8))+F(F(7))+F(8+8)$.
$98289 = (-F(9)+F(F(8))+F(2)+8)\times 9$.
$98389 = -98+(-3+F(F(8)))\times 9$.
$98489 = -F(9)+(F(8/4)+F(F(8)))\times 9$.
$98589 = 9+F(8)+(5+F(F(8)))\times 9$.
$98789 = 9\times F(F(8))+F(F(7))+8+F(9)$.

2.2 Selfie Numbers in Digit's Order

$34 = F(3 \times F(4))$.
$63 = F(F(6)) \times 3$.
$64 = F(6)^{F(F(4))}$.
$84 = F(8) \times 4$.

$143 = -1 + F(4 \times 3)$.
$144 = F((-1+4) \times 4)$.
$168 = 1 \times F(6) \times F(8)$.
$189 = 1 \times F(8) \times 9$.
$233 = F(F(-2+3 \times 3))$.
$234 = F(2) + F(F(3+4))$.
$235 = 2 + F(F(F(3)+5))$.
$237 = F(2) + 3 + F(F(7))$.
$245 = 2 + F(4)^5$.
$256 = 2^5 \times F(6)$.

$267 = F(F(2) + F(6)) + F(F(7))$.
$374 = F(F(3) \times 7) - F(4)$.
$376 = -F(F(3)) + F(-7 + F(F(6)))$.
$377 = F(3 \times 7 - 7)$.
$378 = F(F(3)) + F(-7 + F(8))$.
$466 = F(F(4)) \times F(-F(6) + F(F(6)))$.
$472 = (F(4) + F(F(7))) \times 2$.
$630 = F(F(6)) \times 30$.
$693 = F(F(6)) \times (F(9) - F(F(3)))$.
$784 = (7 + F(8))^{F(F(4))}$.
$840 = F(8) \times 40$.
$882 = F(8) \times F(8) \times 2$.
$986 = F(9) \times (F(8) + F(6))$.

$1042 = F(10) + F(4^2)$.
$1165 = F(F(1 \times 1 + 6)) \times 5$.
$1175 = (1 + 1 + F(F(7))) \times 5$.
$1178 = F(11) \times F(7) + F(8)$.
$1292 = F(1 \times 2 \times 9)/2$.
$1293 = F(12) \times 9 - 3$.
$1294 = F(12) \times 9 - F(F(4))$.
$1364 = -F(13) + F(F(F(6)) - 4)$.
$1365 = 13 \times F(F(6)) \times 5$.
$1368 = (1 - 3 + F(F(F(6))))/8$.
$1397 = -1 + (-3+9) \times F(F(7))$.
$1429 = 1 + 42 \times F(9)$.
$1487 = -F(14) + 8 \times F(F(7))$.
$1525 = F(15)/2 \times 5$.
$1536 = (1+5) \times F(3)^{F(6)}$.
$1575 = F(F(1+5)) \times 75$.

$1576 = F(-1 + 5 + F(7)) - F(F(6))$.
$1589 = -F(1+5) + F(8+9)$.
$1592 = -1 \times 5 + F(F(9)/2)$.
$1593 = 1 - 5 + F(F(9)/F(3))$.
$1594 = F(F(1+5)+9) - F(4)$.
$1596 = -1^5 + F(9 + F(6))$.
$1597 = F(1^5 + 9 + 7)$.
$1598 = 1^5 + F(9+8)$.

$1617 = -1 + F(F(6)) + F(17)$.
$1618 = F(16+1) + F(8)$.
$1645 = F(16)/F(4) \times 5$.
$1680 = 1 \times F(F(6)) \times 80$.
$1684 = -1 + F(F(F(6))) - F(8)^{F(4)}$.
$1687 = (F(F(1+6)) + 8) \times 7$.
$1736 = (-1 + F(7))^3 + F(6)$.
$1763 = -1 + (7 \times 6)^{F(3)}$.

$1764 = 1 \times (7 \times 6)^{F(F(4))}$.
$1778 = 1 \times 7 \times (F(F(7)) + F(8))$.
$1785 = F(1+7) \times 85$.
$1824 = (-1 + F(F(8))/2)/F(4)$.
$1847 = -1 - 8 \times (F(F(4)) - F(F(7)))$.
$1848 = (1 + F(8)) \times 4 \times F(8)$.
$1856 = (-1 + F(8+5)) \times F(6)$.
$1862 = F(F(-1+8)) \times F(6) - 2$.

$1863 = F(F(-1+8)) \times F(6) - F(F(3))$.
$1864 = F(F(-1+8)) \times (6 + F(F(4)))$.
$1865 = 1 + 8 \times F(F(6)+5)$.
$1871 = -1 + 8 \times (F(F(7)) + 1)$.
$1872 = F(-1+8) \times F(F(7) - F(2))$.
$1873 = 1 + 8 \times (F(F(7)) + F(F(3)))$.
$1877 = 1 \times 8 \times F(F(7)) + F(7)$.
$1885 = F(1 + F(8) - 8) \times 5$.

$1890 = 1 \times F(8) \times 90.$
$1897 = (-1 + 8 \times F(9)) \times 7.$
$1925 = (1 + F(9)) \times F(2 \times 5).$
$1972 = (-1 + F(9 + 7)) \times 2.$
$1973 = -1 + F(9 + 7) \times F(3).$
$1974 = F(1 \times 9 + 7) \times F(F(4)).$
$1976 = 19 \times F(7) \times F(6).$
$1995 = F(-1 + 9) \times 95.$

$2048 = 2^{F(04)+8}.$
$2079 = (-2 + F(F(07))) \times 9.$
$2097 = (2 \times 0 + 9) \times F(F(7)).$
$2185 = (F(21) - F(8))/5.$
$2529 = -F(2 \times 5) + F(2 \times 9).$
$2563 = F(F(2 + 5)) \times (F(6) + 3).$
$2576 = F(25 - 7) - F(6).$
$2577 = F(25 - 7) - 7.$

$2578 = 2 + F(5 + F(7)) - 8.$
$2582 = F(2 \times 5 + 8) - 2.$
$2583 = -F(2) + F(-5 + F(8) + F(3)).$
$2584 = F(2 \times (5 + 8 - 4)).$
$2585 = F(2) + F(5 + 8 + 5).$
$2586 = 2 + F((-5 + 8) \times 6).$
$2594 = 2 \times 5 + F(9 \times F(F(4))).$
$2597 = F(F(-2 + 5) \times 9) + F(7).$

$2618 = F(F(2) + F(6)) + F(18).$
$2639 = F(2 + F(6)) + F(F(3) \times 9).$
$2645 = (2 + F(F(6)))^{F(F(4))} \times 5.$
$2646 = 2 \times F(F(6)) \times F(4) \times F(F(6)).$
$2648 = 2^6 + F(-F(4) + F(8)).$
$2688 = 2 \times F(6) \times F(8) \times 8.$
$2736 = (2 \times 7)^3 - F(6).$
$2742 = (2 \times 7)^{F(4)} - 2.$

$2743 = (2 \times 7)^{F(4)} - F(F(3)).$
$2744 = (-2 + F(7) + F(4))^{F(4)}.$
$2746 = 2 + 7^{F(4)} \times F(6).$
$2754 = -2^{F(7)} + F(F(5 + F(4))).$
$2767 = -2^{F(7)} + F(F(F(6))) + F(7).$
$2784 = (-F(2) + F(F(7))) \times (8 + 4).$
$2794 = -2 + F(F(7)) \times (9 + F(4)).$

$2796 = F(2) \times F(F(7)) \times (-9 + F(F(6))).$
$2798 = 2 + F(F(7)) \times (-9 + F(8)).$
$2817 = F(2 \times (8 + 1)) + F(F(7)).$
$2937 = (-F(2) + F(9)) \times F(-F(3) + F(7)).$
$3178 = F(3) \times (F(17) - 8).$
$3192 = F(3) \times (-1 + F(F(9)/2)).$
$3194 = F(3) \times F(19 - F(F(4))).$
$3196 = F(3) \times (1 + F(9 + F(6))).$

$3364 = (3 + F(F(3) + F(6)))^{F(F(4))}.$
$3367 = (3 + F(3)^{F(6)}) \times F(7).$
$3373 = -F(3) + (F(3) + F(7))^3.$
$3374 = -F(F(3)) + (F(3) + F(7))^{F(4)}.$
$3382 = (-F(F(3)) + F(-F(F(3)) + F(8)))/2.$
$3383 = (F(F(3)) + F(-F(F(3)) + F(8)))/F(3).$
$3384 = (3 + F(-F(F(3)) + F(8)))/F(F(4)).$
$3495 = 3 \times F(4 + 9) \times 5.$

$3528 = F(3 + 5)^2 \times 8.$
$3569 = -F(F(3)) + 5 \times F(F(6)) \times F(9).$
$3575 = F(F(3) \times 5) \times F(7) \times 5.$
$3584 = (F(3) + 5) \times 8^{F(4)}.$
$3602 = F(3) + 60^2.$
$3603 = 3 + 60^{F(3)}.$
$3635 = (3^6 - F(3)) \times 5.$
$3639 = (-F(3) + F(F(F(6))))/3 - 9.$

$3644 = (-F(3) + F(F(F(6))))/F(4) - 4.$
$3645 = (3 + 6)^{F(4)} \times 5.$
$3648 = (-F(3) + F(F(F(6))))/F(-4 + 8).$
$3649 = (3 \times F(F(F(6))) + F(4))/9.$
$3666 = (F(F(3)) + F(-6 + F(F(6)))) \times 6.$
$3726 = -F(3) + F(F(7)) \times 2 \times F(6).$
$3728 = F(3) \times F(F(7)) \times F(2) \times 8.$
$3736 = (F(3) \times F(F(7)) + F(F(3))) \times F(6).$

$3738 = F(3) \times F(F(7) - F(3)) \times F(8).$
$3744 = F(3) \times F(7) \times F(F(4) \times 4).$
$3773 = (-F(3) + F(7)) \times 7^3.$
$3784 = 3^7 + F(F(8) - 4).$
$3786 = (F(F(3) + F(7)) + F(8)) \times 6.$
$3844 = (-F(3) + 8^{F(F(4))})^{F(F(4))}.$
$3948 = F(3) \times 94 \times F(8).$
$3966 = -3 + 9 \times F(F(6)) \times F(F(6)).$

$3968 = (-F(F(3)) + 9 \times F(F(6))) \times F(8).$
$3969 = F(F(-3+9)) \times F(F(6)) \times 9.$
$3979 = F(F(3)) + 9 \times F(7) \times F(9).$
$4176 = -4 - 1 + F(F(7) + 6).$
$4177 = -4 + F(-1 + 7 + F(7)).$
$4181 = F(-4 + 1 + F(8)) + 1.$
$4182 = F(F(4-1)) + F(F(8) - 2).$
$4183 = F(F(4)) + 1 \times F(F(8) - F(3)).$

$4184 = F(4) + F(1 + F(8) - F(4)).$
$4197 = F(4) + F(19) + F(7).$
$4198 = -4 + F(19) + F(8).$
$4277 = (F(F(F(4))) + F(2 + F(7))) \times 7.$
$4372 = F(F(4)) \times (3^7 - F(2)).$
$4373 = F(F(4)) \times 3^7 - F(F(3)).$
$4374 = (F(F(4)) + F(F(3)))^7 \times F(F(4)).$
$4386 = F(F(F(4))) - 3^8 + F(F(F(6))).$

$4388 = F(4) - 3^8 + F(F(8)).$
$4394 = F(F(4)) \times (F(-F(3) + 9)^{F(4)}).$
$4427 = (F(4) + 4^2) \times F(F(7)).$
$4455 = F(4)^4 \times 55.$
$4536 = (F(F(F(4))) + 5)^3 \times F(F(6)).$
$4576 = 4 \times (5 \times F(F(7)) - F(F(6))).$
$4578 = (-F(4) \times 5 + F(F(7))) \times F(8).$
$4624 = (4 + F(6)^2)^{F(F(4))}.$

$4632 = (F(4) + F(F(6))^3)/2.$
$4647 = F(-F(F(4)) + F(F(6))) + F(F(4)) \times F(F(7)).$
$4720 = (F(4) + F(F(7))) \times 20.$
$4746 = (-4 + F(F(7)) - F(4)) \times F(F(6)).$
$4765 = (4 \times F(F(7)) + F(F(6))) \times 5.$
$4766 = -F(F(F(4))) + (F(F(7)) - 6) \times F(F(6)).$
$4767 = F(4) \times (F(F(7)) - 6) \times 7.$
$4768 = F(F(F(4))) + (F(F(7)) - 6) \times F(8).$

$4776 = (F(F(F(4)) + F(7)) - F(7)) \times F(6).$
$4788 = (F(4) + F(F(7)) - 8) \times F(8).$
$4791 = F(4) \times F(7 + 9 + 1).$
$4794 = 47 \times F(9) \times F(4).$
$4847 = -4 - F(8) \times (F(F(4)) - F(F(7))).$
$4864 = F(F(4))^8 \times (F(F(6)) - F(F(4))).$
$4871 = -F(F(F(4))) + F(8) \times (F(F(7)) - 1).$
$4872 = F(F(F(4))) \times F(8) \times (F(F(7)) - F(2)).$

$4873 = F(F(F(4))) + F(8) \times (F(F(7)) - F(F(3))).$
$4874 = F(F(4)) + F(8) \times (F(F(7)) - F(F(F(4)))).$
$4876 = -4 + F(8 + 7) \times F(6).$
$4877 = -F(4) + F(8) \times F(F(7)) - F(7).$
$4878 = -F(F(4)) + 8 \times F(7 + 8).$
$4887 = F(F(4)) - 8 + F(8) \times F(F(7)).$
$4889 = -4 + F(8) \times F(-F(8) + F(9)).$
$4892 = -F(F(F(4))) + F(8) \times F(F(9 - 2)).$

$4893 = F(4 + 8) \times F(9) - 3.$
$4894 = F(4 + 8) \times F(9) - F(F(4)).$
$4896 = F(4) \times 8 \times F(9) \times 6.$
$4899 = F(4) + F(F(8) - 9) \times F(9).$
$4913 = (-4 + F(9 - 1))^3.$
$4935 = F(4 + 9 + 3) \times 5.$
$4998 = (-F(F(4)) + 9) \times F(9) \times F(8).$

$5184 = (51 + F(8))^{F(F(4))}.$
$5439 = F(F(5 + F(4)))/F(3) - F(9).$
$5463 = (-5 \times 4 + F(F(F(6))))/F(3).$
$5464 = (-5) - 4 + F(F(F(6)))/F(F(4)).$
$5468 = -5 + 4 \times F(F(F(6))) \times (1/8).$
$5473 = F(F(5 - 4 + 7))/F(3).$
$5482 = 5 + 4 + (1/2) \times F(F(8)).$
$5483 = (5 \times 4 + F(F(8)))/F(3).$

$5490 = F(5 \times F(4)) \times 9 + 0.$
$5491 = F(5 \times F(4)) \times 9 + 1.$
$5492 = F(5 \times F(4)) \times 9 + 2.$
$5493 = F(5 \times F(4)) \times 9 + 3.$
$5494 = F(5 \times F(4)) \times 9 + 4.$
$5495 = F(5 \times F(4)) \times 9 + 5.$
$5496 = F(5 \times F(4)) \times 9 + 6.$
$5497 = F(5 \times F(4)) \times 9 + 7.$
$5498 = F(5 \times F(4)) \times 9 + 8.$
$5499 = F(5 \times F(4)) \times 9 + 9.$

$5675 = -5 \times (5 \times (6 - F(F(7)))).$
$5785 = (5 \times F(F(7)) - 8) \times 5.$
$5825 = 25 \times F(5 + 8).$
$6300 = 300 \times F(F(6)).$
$6548 = -F(6) - 5 + F(4)^8.$
$6561 = (F(6) - 5)^{F(6)}.$
$6562 = (F(6) - 5)^{F(6)} + F(2).$
$6563 = (F(6) - 5)^{F(6)} + F(3).$
$6564 = (F(6) - 5)^{F(6)} + F(4).$

$6615 = 15 \times (F(F(6)) \times F(F(6)))$
$6676 = -F(-6 + F(F(6))) \times 7 + F(F(F(6)))$.
$6728 = (F(F(F(6)))/F(7) - F(2)) \times 8$
$6736 = F(F(F(6)))/F(7) \times (F(3) + 6)$.
$6744 = -F(F(6)) + F(F(7) + F(4) + 4)$.
$6746 = -6 - F(7) + F(-F(F(F(4))) + F(F(6)))$.
$6757 = (-6 + 7 \times 5) \times F(F(7))$.
$6762 = -F(F(6))/7 + F(F(F(6)) - F(2))$.

$6763 = F(F(F(6))) - F(F(7) + 6) - F(3)$.
$6764 = F(F(F(6)) - 7 + 6) - F(F(F(4)))$.
$6765 = F(6 + F(7) + 6 - 5)$.
$6771 = 6 + F(F(7) + 7 \times 1)$.
$6772 = 6 + F(F(7) + 7) + F(2)$.
$6773 = 6 + F(F(7) + 7) + F(3)$.
$6774 = 6 + F(F(7) + 7) + F(4)$.
$6778 = -F(6) + F(F(7) + 7) + F(8)$.

$6784 = (-F(F(6)) + F(F(7))) \times 8 \times 4$.
$6786 = F(F(6)) + F(-7 + F(8) + 6)$.
$6794 = F(6 + 7) + 9^4$.
$6799 = F(F(F(6)) - F(-7 + 9)) + F(9)$.
$6845 = F(F(F(6))) - 8^4 - 5$.
$6867 = (-6 + F(8 + F(6))) \times 7$.
$6924 = 6 \times (F(9)^2 - F(F(4)))$.
$6928 = 6 \times F(9)^2 - 8$.

$6933 = 6 \times F(9)^{F(3)} - 3$.
$6934 = 6 \times F(9)^{F(3)} - F(F(4))$.
$6936 = 6 \times F(9) \times F(3 + 6)$.
$6942 = 6 \times (F(9)^{F(F(4))} + F(2))$.
$6954 = F(F(6)) \times 9 + F(5 \times 4)$.
$6977 = (F(F(6)) + 9) \times F(F(7)) - F(7)$.
$6993 = F(F(6)) \times 9 \times (F(9) + 3)$.
$7163 = F(F(7) + 1) \times (F(F(6)) - F(3))$.

$7392 = (F(F(7)) - F(3)) \times (F(9) - 2)$.
$7448 = (F(F(7)) \times 4 - F(F(F(4)))) \times 8$.
$7453 = F(F(7)) \times F(F(4))^5 - 3$.
$7454 = F(F(7)) \times F(F(4))^5 - F(F(4))$.
$7456 = F(F(7)) \times (F(F(4)) + 5 \times 6)$.
$7464 = F(F(7)) \times F(4) + F(F(F(6)) - F(F(F(4))))$.
$7476 = (7^{F(4)} + F(7)) \times F(F(6))$.
$7645 = (F(F(7)) + 6^4) \times 5$.

$7648 = (F(F(7)) + 6) \times 4 \times 8$.
$7663 = -F(F(7)) + F(6) \times F(F(6) \times F(3))$.
$7689 = F(F(7)) \times (-F(6)/8 + F(9))$.
$7697 = F(7) \times F(6 + 9) - F(F(7))$.
$7744 = (F(7) \times 7 - F(4))^{F(F(4))}$.
$7759 = 7 + (F(F(7)) - 5) \times F(9)$.
$7776 = (-7 + F(7))^{F(7)-F(6)}$.

$7865 = F(7) \times (F(F(8) - 6) - 5)$.
$7875 = (F(F(7)) - 8) \times 7 \times 5$.
$7883 = -F(7) + 8 \times F(8 \times F(3))$.
$7911 = F(F(7)) \times F(9) - 11$.
$7916 = F(F(7)) \times F(9) - 1 \times 6$.
$7917 = (-F(7) + F(9)) \times F(1 + F(7))$.

$7920 = F(F(7)) \times F(9) - 2 + 0$.
$7921 = F(F(7)) \times F(9) - 2 + 1$.
$7922 = F(F(7)) \times F(9) - 2 + 2$.
$7923 = F(F(7)) \times F(9) - 2 + 3$.
$7924 = F(F(7)) \times F(9) - 2 + 4$.
$7925 = F(F(7)) \times F(9) - 2 + 5$.
$7926 = F(F(7)) \times F(9) - 2 + 6$.
$7927 = F(F(7)) \times F(9) - 2 + 7$.
$7928 = F(F(7)) \times F(9) - 2 + 8$.
$7929 = F(F(7)) \times F(9) - 2 + 9$.

$7934 = F(F(7)) \times F(9) + 3 \times 4$.
$7935 = F(F(7)) \times F(9) + F(F(3) + 5)$.
$7937 = F(F(7)) \times F(9) + F(3) + F(7)$.
$7938 = F(F(7)) \times F(9) + F(3) \times 8$.
$7943 = F(F(7)) \times F(9) + F(4 \times F(3))$.
$7946 = F(F(7)) \times F(9) + 4 \times 6$.
$7949 = F(F(7)) \times F(9) + F(4) \times 9$.
$7957 = F(F(7)) \times F(9) + 5 \times 7$.

$7964 = F(F(7)) \times F(9) + F(F(6)) \times F(F(4))$.
$7974 = F(F(7)) \times F(9) + F(7) \times 4$.
$7978 = F(F(7)) \times F(9) + 7 \times 8$.
$7985 = F(-F(7) + 9 + F(8)) \times 5$.
$7986 = F(F(7)) \times F(9) + 8 \times F(6)$.
$8213 = F(8) + 2^{13}$.
$8247 = F(8 + 2) + F(F(4))^{F(7)}$.
$8294 = (F(F(8) - 2) - F(9)) \times F(F(4))$.

$8352 = (F(F(8) - F(3)) - 5) \times 2.$
$8361 = F(F(8)) - F(3 \times 6) - 1.$
$8362 = F(F(8)) - F((3 + 6) \times 2).$
$8363 = F(F(8)) + F(F(3)) - F(6 \times 3).$
$8364 = F(F(8)) + F(3) - F(6 \times F(4)).$
$8367 = -F(8) + 36 \times F(F(7)).$
$8368 = -F(F(8) - 3) + 6 + F(F(8)).$
$8383 = F(8) + F(3) \times F(F(8) - F(3)).$
$8396 = -F(F(8) - 3) + F(9) + F(F(F(6))).$
$8400 = 400 \times F(8).$
$8464 = (84 + F(6))^{F(F(4))}.$
$8820 = 20 \times (F(8) \times F(8)).$
$8849 = F(F(8)) - F(F(F(8)/F(4))) \times 9.$
$8883 = F(8 + 8) \times (8 + F(F(3))).$
$8972 = F(F(8)) - F(9 + 7) \times 2.$
$9248 = F(9)^{-2+4} \times 8.$
$9346 = -F(F(9)/F(3)) - F(4) + F(F(F(6))).$
$9348 = -F(F(9)/F(3)) - F(F(F(4))) + F(F(8)).$
$9349 = -F(F(9)/F(3)) + F(F(F(-F(4) + 9))).$
$9363 = F(9) \times 3 + F(F(6))^3.$
$9474 = 9^{F(4)} \times F(7) - F(4).$
$9477 = 9^{-4+7} \times F(7).$
$9586 = -F(9) \times 5 \times 8 + F(F(F(6))).$
$9756 = -F(9) \times 7 \times 5 + F(F(F(6))).$
$9792 = F(9) \times (F(F(7)) + F(9 + F(2))).$
$9837 = 98^{F(3)} + F(F(7)).$

2.3 Selfie Numbers in Reverse Order of Digits

$34 = F(F(4)^{F(3)}).$
$36 = 6^{F(3)}.$
$63 = 3 \times F(F(6)).$
$64 = F(F(4))^6.$
$84 = 4 \times F(8).$

$143 = F(3 \times 4) - 1.$
$144 = F(4 \times (4 - 1)).$
$168 = F(8) \times F(6) \times 1.$
$189 = 9 \times F(8) \times 1.$
$231 = F(13) - 2.$
$233 = F(F(3 \times 3 - 2)).$
$234 = F(F(4 + 3)) + F(2).$
$235 = F(F(5 + F(3))) + 2.$

$237 = F(F(7)) + F(3) + 2.$
$243 = 3^{F(4)+2}.$
$256 = (F(F(6)) - 5)^2.$
$267 = F(F(7)) + F(F(6) + F(2)).$
$374 = -F(4) + F(7 \times F(3)).$
$376 = F(F(F(6)) - 7) - F(F(3)).$
$377 = F(-7 + 7 \times 3).$
$378 = F(F(8) - 7) + F(F(3)).$

$438 = F(8)^{F(3)} - F(4).$
$466 = F(-F(6) + F(F(6))) \times F(F(4)).$
$472 = 2 \times (F(F(7)) + F(4)).$
$693 = -(((F(F(3)) - F(9)) \times F(F(6)))).$
$882 = 2 \times F(8) \times F(8).$
$986 = (F(6) + F(8)) \times F(9).$
$1165 = 5 \times F(F(6 \times 1 + 1)).$
$1175 = 5 \times (F(F(7)) + 1 + 1).$
$1178 = F(8) + F(7) \times F(11).$
$1292 = F(2 \times 9)/2 \times 1.$
$1293 = F(F(3) \times 9)/2 + 1.$
$1367 = F(F(7)) \times 6 - 31.$
$1397 = F(F(7)) \times (9 - 3) - 1.$
$1536 = F(6)^3 \times F(5 - 1).$

$1546 = F(F(F(6)) - 4) - 51.$
$1576 = F(F(6)) \times 75 + 1.$
$1589 = F(9 + 8) - F(5 + 1).$
$1594 = -F(4) + F(9 + F(5 + 1)).$
$1596 = F(F(6) + 9) - F(F(F(5 - 1))).$
$1597 = F(F(7) + 9 - 5 \times 1).$
$1598 = F(F(8) - 9 + 5) + 1.$
$1618 = F(8) + F(16 + 1).$

$1631 = F(13) \times (6 + 1).$
$1684 = F(F(4)) \times F(F(8))/F(6 + 1).$
$1687 = (F(F(7)) + 8) \times (6 + 1).$
$1764 = 4 \times F(F(6)) \times F(7 + 1).$
$1778 = (F(8) + F(F(7))) \times 7 \times 1.$
$1847 = (F(F(7)) - F(F(4))) \times 8 - 1.$
$1848 = 84 \times (F(8) + 1).$
$1856 = F(6) \times (F(5 + 8) - 1).$

$1862 = -2 + F(6) \times F(F(8-1))$.
$1863 = (F(3) + F(F(6))) \times 81$.
$1864 = (F(F(4)) + 6) \times F(F(8-1))$.
$1865 = F(5 + F(6)) \times 8 + 1$.
$1871 = (1 + F(F(7))) \times 8 - 1$.
$1872 = (F(2) + F(F(7))) \times 8 \times 1$.
$1873 = (F(F(3)) + F(F(7))) \times 8 + 1$.
$1877 = F(7) + F(F(7)) \times 8 \times 1$.

$1885 = 5 \times F(F(8) - 8 + 1)$.
$1897 = 7 \times (F(9) \times 8 - 1)$.
$1925 = F(5 \times 2) \times (F(9) + 1)$.
$1972 = 2 \times (F(7 + 9) - 1)$.
$1973 = F(3) \times F(7 + 9) - 1$.
$1974 = F(F(4)) \times F(7 + 9 \times 1)$.
$2079 = 9 \times (F(F(7)) - 02)$.
$2097 = F(F(7)) \times (9 + 0 \times 2)$.

$2176 = -F(F(6)) + F(7)^{1+2}$.
$2197 = F(7)^{9/(1+2)}$.
$2296 = (-F(6) + F(9)^2) \times 2$.
$2478 = F(8) \times (F(F(7)) + F(4))/2$.
$2529 = F(9 \times 2) - F(5 \times 2)$.
$2563 = (3 + F(6)) \times F(F(5 + 2))$.
$2576 = -F(6) + F(-7 + 5^2)$.
$2577 = -7 + F(-7 + 5^2)$.

$2578 = -8 + F(F(7) + 5) + 2$.
$2581 = (F(18) - 5 + 2$.
$2582 = -2 + F(8 + 5 \times 2)$.
$2583 = F(-3 + F(8)) - F(F(5 - 2))$.
$2584 = F((-4 + 8) \times 5 - 2)$.
$2585 = F(5 + 8 + 5) + F(2)$.
$2586 = F(6 \times (8 - 5)) + 2$.
$2592 = F(2 \times 9) + F(5 + F(2))$.

$2594 = F(F(F(4)) \times 9) + 5 \times 2$.
$2597 = F(7) + F(9 \times F(5 - 2))$.
$2639 = F(9 \times F(3)) + F(F(6) + 2)$.
$2645 = 5 \times (F(F(4)) + F(F(6)))^2$.
$2646 = F(6 \times F(4)) + 62$.
$2648 = F(F(8) - F(4)) + F(6)^2$.
$2667 = (F(F(7)) + F(F(6))) \times F(F(6))/2$.
$2688 = 8 \times F(8) \times F(6) \times 2$.

$2704 = (4 \times F(07))^2$.
$2736 = (F(F(6)) - F(3)) \times F(F(7) - F(2))$.
$2784 = (4 + 8) \times (F(F(7)) - F(2))$.
$2794 = (F(4) + 9) \times F(F(7)) - 2$.
$2796 = (F(F(6)) - 9) \times F(F(7) \times F(2))$.
$2798 = (F(8) - 9) \times F(F(7)) + 2$.
$2817 = F(F(7)) + F((1 + 8) \times 2)$.

$2937 = (F(F(7) - F(3))) \times (F(9) - F(2))$.
$3025 = F(5 \times 2)^{F(03)}$.
$3087 = 7 \times F(8)^{F(03)}$.
$3136 = (F(F(6) + F(3)) + 1)^{F(3)}$.
$3249 = (F(9 + F(F(F(4)))) + 2)^{F(3)}$.
$3364 = (F(4 + 6) + 3)^{F(3)}$.
$3372 = (2 + F(7))^3 - 3$.
$3373 = (F(3) + F(7))^3 - F(3)$.

$3372 = (2 + F(7))^3 - 3$.
$3373 = (F(3) + F(7))^3 - F(3)$.
$3374 = (F(F(4)) + F(7))^3 - F(F(3))$.
$3376 = (F(6) + 7)^3 + F(F(3))$.
$3381 = (F(-1 + F(8)) - 3)/F(3)$.
$3382 = (-F(2) + F(F(8) - F(F(3))))/F(3)$.
$3383 = (F(F(3)) + F(F(8) - F(F(3))))/F(3)$.
$3384 = (F(4) + F(F(8) - F(F(3))))/F(3)$.

$3385 = (5 + F(F(8) - F(F(3))))/F(3)$.
$3495 = 5 \times F(9 + 4) \times 3$.
$3528 = F(8)^2 \times (5 + 3)$.
$3569 = F(9) \times F(F(6)) \times 5 - F(F(3))$.
$3575 = 5 \times F(7) \times F(5 \times F(3))$.
$3628 = -F(8) + (F(2) + F(F(F(6))))/3$.
$3635 = 5 \times (3^6 - F(3))$.
$3639 = -9 + (-F(3) + F(F(F(6))))/3$.

$3644 = -4 + (-F(F(4)) + F(F(F(6))))/3$.
$3645 = 5 \times (F(4) + 6)^3$.
$3646 = (F(F(F(6))) - F(F(4)) - 6)/3$.
$3647 = (-7 + F(F(4)) + F(F(F(6))))/3$.
$3648 = (F(F(8)) - F(F(4)))/(6 - 3)$.
$3649 = (F(F(9/F(4))) + F(F(F(6))))/3$.
$3652 = (2 \times 5 + F(F(F(6))))/3$.
$3653 = (F(F(3) + 5) + F(F(F(6))))/3$.

$3664 = (46 + F(F(F(6))))/3.$
$3666 = 6 \times (F(-6 + F(F(6))) + F(F(3))).$
$3694 = (4 \times F(9) + F(F(F(6))))/3.$
$3718 = (F(8) + 1) \times F(7)^{F(3)}.$
$3726 = F(6) \times 2 \times F(F(7)) - F(3).$
$3728 = 8 \times F(F(2) \times F(7)) \times F(3).$
$3736 = F(6) \times (F(3) \times F(F(7)) + F(F(3))).$
$3738 = F(8) \times F(3) \times F(F(7) - F(3)).$

$3744 = F(F(4) \times 4) \times F(7) \times F(3).$
$3786 = 6 \times (F(8) + F(F(7) + F(3))).$
$3789 = 9 \times F(F(8))/(F(7) \times F(3)).$
$3796 = (F(F(F(6))) + F(9) \times F(7))/3.$
$3844 = (-F(F(F(4))) + F(4) \times F(8))^{F(3)}.$
$3864 = -4 \times (F(F(6)) - F(8 \times F(3))).$
$3927 = (F(F(7)) - 2) \times F(9)/F(3).$

$3948 = F(F(8) - F(F(4))) - F(F(9 - F(3))).$
$3961 = F(F(1 + 6)) \times F(9)/F(3).$
$3966 = F(F(6)) \times F(F(6)) \times 9 - 3.$
$3968 = F(8) \times F(F(6)) \times 9 - F(F(3)).$
$3969 = (9 \times 6 + 9)^{F(3)}.$
$3979 = F(9) \times F(7) \times 9 + F(F(3)).$
$3999 = (9 + F(9)) \times 93.$
$4096 = F(6)^{9 \times 04}.$

$4147 = (7 + 4) \times F(14).$
$4167 = F(F(7) + 6) - 14.$
$4176 = F(6 + F(7)) - 1 - 4.$
$4177 = F(F(7) + 7 - 1) - 4.$
$4181 = F(18 + 1^4).$
$4182 = F(2) + F(F(8) + 1 - F(4)).$
$4183 = F(3) + F(F(8) + 1 - F(4)).$
$4184 = F(4) + F(F(8) + 1 - F(4)).$

$4277 = 7 \times (F(F(7) + 2) + F(F(F(4)))).$
$4356 = (65 + F(F(3)))^{F(F(4))}.$
$4373 = 3^7 \times F(3) - F(F(F(4))).$
$4374 = F(4)^7 \times (-F(3) + 4).$
$4378 = (-8 + F(7)^3) \times F(F(4)).$
$4394 = (4 + 9)^3 \times F(F(4)).$
$4427 = F(F(7)) \times (-2 + F(4 + 4)).$
$4428 = (F(F(8) + F(2)) + F(F(F(4))))/4.$

$4455 = 55 \times F(4)^4.$
$4536 = 6^3 \times F(5 + F(4)).$
$4576 = (-F(F(6)) + F(F(7)) \times 5) \times 4.$
$4578 = F(8) \times (F(F(7)) - 5 \times F(4)).$
$4624 = (4 + 2^6)^{F(F(4))}.$
$4647 = F(F(7)) \times F(F(4)) + F(F(F(6)) - F(F(4))).$
$4693 = F(3)^9 + F(F(F(6)) - F(F(4))).$
$4736 = F(6)^{F(3)} \times 74.$

$4746 = F(F(6)) \times (-F(4) + F(F(7)) - 4).$
$4765 = 5 \times (F(F(6)) + F(F(7)) \times 4).$
$4766 = F(F(6)) \times (-6 + F(F(7)) - F(F(F(4)))).$
$4767 = (F(F(7)) - 6) \times 7 \times F(4).$
$4768 = F(8) \times (-6 + F(F(7))) + F(F(F(4))).$
$4776 = F(6) \times (-F(7) + F(F(7) + F(F(4)))).$
$4781 = F(18) + F(7)^{F(4)}.$
$4788 = F(8) \times (-8 + F(F(7)) + F(4)).$

$4791 = F(1 + 9 + 7) \times F(4).$
$4847 = (F(F(7)) - F(F(4))) \times F(8) - 4.$
$4864 = F(F(4))^{F(6)} \times (F(8) - F(F(4))).$
$4871 = (-1 + F(F(7))) \times F(8) - F(F(F(4))).$
$4872 = (-F(2) + F(F(7))) \times F(8) \times F(F(F(4))).$
$4873 = (-F(F(3)) + F(F(7))) \times F(8) + F(F(F(4))).$
$4874 = (-F(F(F(4))) + F(F(7))) \times F(8) + F(F(4)).$
$4876 = F(6) \times F(7 + 8) - 4.$

$4877 = -F(7) + F(F(7)) \times F(8) - F(4).$
$4878 = 8 \times F(7 + 8) - F(F(4)).$
$4887 = F(F(7)) \times F(8) - 8 + F(F(4)).$
$4889 = F(F(9) - F(8)) \times F(8) - 4.$
$4892 = F(F(-2 + 9)) \times F(8) - F(F(F(4))).$
$4893 = -3 + F(9) \times F(8 + 4).$
$4894 = -F(F(4)) + F(9) \times F(8 + 4).$
$4896 = 6 \times F(9) \times 8 \times F(4).$

$4899 = F(9) \times F(-9 + F(8)) + F(4).$
$4913 = (-F(3) + 19)^{F(4)}.$
$4935 = 5 \times F(3 + 9 + 4).$
$4956 = F(F(6)) \times 59 \times 4.$
$4964 = F(4)^{F(6)} - F(F(9)/F(F(4))).$
$4987 = F(F(7)) \times F(8) + 94.$
$4998 = F(8) \times F(9) \times (9 - F(F(4))).$
$5346 = (F(F(6)) + F(F(F(4)))) \times 3^5.$

$5376 = F(F(6)) \times (F(7) + 3^5)$.
$5428 = F(F(8))/2 - 45$.
$5464 = -4 + F(F(F(6)))/F(F(4)) - 5$.
$5468 = F(F(8))/(6 - 4) - 5$.
$5469 = -9 + F(F(F(6)))/F(F(4)) + 5$.
$5473 = F(3 \times 7)/(-F(4) + 5)$.
$5478 = F(F(8))/F(7 - 4) + 5$.
$5486 = F(6) + F(F(8))/F(F(4)) + 5$.

$5491 = 1 + 9 \times F(F(4) \times 5)$.
$5492 = 2 + 9 \times F(F(4) \times 5)$.
$5493 = 3 + 9 \times F(F(4) \times 5)$.
$5494 = 4 + 9 \times F(F(4) \times 5)$.
$5495 = 5 + 9 \times F(F(4) \times 5)$.
$5496 = 6 + 9 \times F(F(4) \times 5)$.
$5497 = 7 + 9 \times F(F(4) \times 5)$.
$5498 = 8 + 9 \times F(F(4) \times 5)$.
$5499 = 9 + 9 \times F(F(4) \times 5)$.

$5528 = F(F(8))/2 + 55$.
$5675 = 5 \times (F(F(7)) - 6) \times 5$.
$5679 = -9 \times F(F(7)) + 6^5$.
$5728 = F(8)^2 \times F(7) - 5$.
$5738 = F(8)^{F(3)} \times F(7) + 5$.
$5785 = 5 \times (-8 + F(F(7))) \times 5$.
$5825 = 5^2 \times F(8 + 5)$.
$6327 = -F(F(7)) - F(2) + 3^{F(6)}$.
$6328 = -F(F(8 - F(2))) + 3^{F(6)}$.

$6394 = 4 \times F(F(9)/F(3)) + 6$.
$6408 = 80^{F(F(4))} + F(6)$.
$6417 = -F(F(7) - 1) + F(4)^{F(6)}$.
$6456 = -F(F(6)) \times 5 + F(4)^{F(6)}$.
$6472 = -F(-2 + F(7)) + F(4)^{F(6)}$.
$6489 = -9 \times 8 + F(4)^{F(6)}$.
$6493 = -F(3) \times F(9) + F(4)^{F(6)}$.
$6561 = (F(1 \times 6) - 5)^{F(6)}$.

$6562 = F(2) + (F(6) - 5)^{F(6)}$.
$6563 = F(3) + (F(6) - 5)^{F(6)}$.
$6564 = F(4) + (F(6) - 5)^{F(6)}$.
$6676 = F(F(F(6))) - 7 \times F(-6 + F(F(6)))$.
$6736 = F(F(F(6)))/(F(F(3)) \times F(7)) \times F(6)$.
$6744 = F(F(4)^{F(4)} - 7) - F(F(6))$.
$6757 = F(F(7)) \times (5 \times 7 - 6)$.
$6763 = -F(3) + F(F(F(6)) - 7 + 6)$.

$6764 = (F(F(4) + F(6))) \times 76$.
$6765 = F(-56 + 76)$.
$6771 = F(1 \times 7 + F(7)) + 6$.
$6772 = -F(2) + F(F(7) + 7) + F(6)$.
$6773 = F(F(3)) \times F(F(7) + 7) + F(6)$.
$6774 = F(4) + F(F(7) + 7) + 6$.
$6778 = F(F(8)) + F(7) - F(F(7) + 6)$.
$6784 = 4 \times (-F(8) + F(F(7))) \times F(6)$.

$6786 = F(F(6)) + F(F(8) - 7 + 6)$.
$6799 = F(9) + F(F(9) + 7 - F(F(6)))$.
$6867 = 7 \times (-6 + F(8 + F(6)))$.
$6936 = F(6 + 3) \times F(9) \times 6$.
$6954 = F(4 \times 5) + 9 \times F(F(6))$.
$6977 = -F(7) + F(F(7)) \times (9 + F(F(6)))$.
$6993 = (3 + F(9)) \times 9 \times F(F(6))$.
$7163 = (-F(3) + F(F(6))) \times F(1 + F(7))$.

$7223 = (32 - F(2)) \times F(F(7))$.
$7392 = (-2 + F(9)) \times (-F(3) + F(F(7)))$.
$7448 = 8 \times (-F(F(F(4))) + 4 \times F(F(7)))$.
$7456 = (F(F(6)) - 5) \times F(F(4)) \times F(F(7))$.
$7458 = 85^{F(F(4))} + F(F(7))$.
$7463 = -3^6 + F(F(4))^{F(7)}$.
$7464 = F(-F(F(F(4))) + F(F(6))) + F(4) \times F(F(7))$.
$7476 = F(F(6)) \times (7^{F(4)} + F(7))$.

$7543 = (F(3) + 4)^5 - F(F(7))$.
$7648 = 8 \times 4 \times (6 + F(F(7)))$.
$7663 = F(F(3) \times F(6)) \times F(6) - F(F(7))$.
$7689 = (F(9) - F(8 - 6)) \times F(F(7))$.
$7697 = F(7) \times F(9 + 6) - F(F(7))$.
$7756 = 6^5 - F(7) - 7$.
$7759 = F(9) \times (-5 + F(F(7))) + 7$.
$7776 = 6^{F(7)-F(-7+F(7))}$.

$7865 = (-5 + F(-6 + F(8))) \times F(7)$.
$7875 = 5 \times (F(F(7)) - 8) \times 7$.
$7883 = F(F(3) \times 8) \times 8 - F(7)$.
$7896 = F(6) \times 987$.
$7902 = -20 + F(9) \times F(F(7))$.
$7911 = -11 + F(9) \times F(F(7))$.
$7916 = -6 + 1 \times F(9) \times F(F(7))$.
$7917 = F(F(7) + 1) \times (F(9) - F(7))$.

$7921 = -1 + F(2) \times F(9) \times F(F(7))$.
$7922 = F(2 - 2 + 9) \times F(F(7))$.
$7923 = F(F(3)) + F(2) \times F(9) \times F(F(7))$.
$7924 = F(F(4)) + F(2) \times F(9) \times F(F(7))$.
$7925 = 5 - 2 + F(9) \times F(F(7))$.
$7926 = 6 - 2 + F(9) \times F(F(7))$.
$7927 = 7 - 2 + F(9) \times F(F(7))$.
$7928 = 8 - 2 + F(9) \times F(F(7))$.
$7929 = 9 - 2 + F(9) \times F(F(7))$.

$7934 = 4 \times 3 + F(9) \times F(F(7))$.
$7935 = F(5 + F(3)) + F(9) \times F(F(7))$.
$7937 = F(7) + F(3) + F(9) \times F(F(7))$.
$7938 = 8 \times F(3) + F(9) \times F(F(7))$.
$7939 = F(9)/F(3) + F(9) \times F(F(7))$.
$7943 = F(F(3)^{F(4)}) + F(9) \times F(F(7))$.
$7946 = 6 \times 4 + F(9) \times F(F(7))$.
$7949 = 9 \times F(4) + F(9) \times F(F(7))$.

$7954 = F(F(4))^5 + F(9) \times F(F(7))$.
$7957 = 7 \times 5 + F(9) \times F(F(7))$.
$7964 = F(F(4)) \times F(F(6)) + F(9) \times F(F(7))$.
$7974 = 4 \times F(7) + F(9) \times F(F(7))$.
$7978 = 8 \times 7 + F(9) \times F(F(7))$.
$7985 = 5 \times F(F(8) + 9 - F(7))$.
$7986 = F(6) \times 8 + F(9) \times F(F(7))$.
$8172 = 2^{F(7)} + 1 - F(8)$.

$8174 = F(F(4))^{F(7)} - 18$.
$8184 = F(F(4))^{F(8-1)} - 8$.
$8294 = F(F(4)) \times (-F(9) + F(-2 + F(8)))$.
$8352 = 2 \times (-5 + F(-F(3) + F(8)))$.
$8361 = -1 - F(6 \times 3) + F(F(8))$.
$8362 = 2 \times F(F(6) + 3 + 8)$.
$8363 = F(F(3)) - F(6 \times 3) + F(F(8))$.
$8364 = F(F(4)) - F(6 \times 3) + F(F(8))$.

$8367 = F(F(7)) \times 6^{F(3)} - F(8)$.
$8368 = F(F(8)) + 6 - F(-3 + F(8))$.
$8383 = F(3) \times F(F(8) - F(3)) + F(8)$.
$8396 = F(F(F(6))) + F(9) - F(-3 + F(8))$.
$8738 = F(F(8)) - 3^7 - F(8)$.
$8759 = -F(9 - 5)^7 + F(F(8))$.
$8849 = -9 \times F(F(F(F(4))) - 8)) + F(F(8))$.
$8883 = (F(F(3)) + 8) \times F(8 + 8)$.

$8906 = -60 \times F(9) + F(F(8))$.
$8972 = -2 \times F(7 + 9) + F(F(8))$.
$9248 = F(8)^{F(4)} - F(-2 + 9)$.
$9349 = -F(F(9)/F(F(4))) + F(F(F(-3 + 9)))$.
$9586 = F(F(F(6))) - 8 \times 5 \times F(9)$.
$9756 = F(F(F(6))) - 5 \times 7 \times F(9)$.
$9792 = (F(F(2) + 9) + F(F(7))) \times F(9)$.

3 Symmetric Representations

In this section, we shall give *selfie numbers* in terms of Fibonacci sequence values along with basic operations. These representations are in symmetric way, i.e., all is same except the digits 0 to 9. This happens in both ways, i.e., in digit's order and in revere order of digits. In some cases, the numbers can written in both the ways. The following subsections give the symmetric numbers three situations. In this section, we have worked up to width 5, i.e., numbers having maximum 5 digits.

3.1 Symmetric Representations in Both Ways

Below are examples of numbers written in digit's order and its reverse:

$$
\begin{aligned}
5490 &= F(5\times F(4))\times 9+0 = 0+9\times F(F(4)\times 5)\\
5491 &= F(5\times F(4))\times 9+1 = 1+9\times F(F(4)\times 5)\\
5492 &= F(5\times F(4))\times 9+2 = 2+9\times F(F(4)\times 5)\\
5493 &= F(5\times F(4))\times 9+3 = 3+9\times F(F(4)\times 5)\\
5494 &= F(5\times F(4))\times 9+4 = 4+9\times F(F(4)\times 5)\\
5495 &= F(5\times F(4))\times 9+5 = 5+9\times F(F(4)\times 5)\\
5496 &= F(5\times F(4))\times 9+6 = 6+9\times F(F(4)\times 5)\\
5497 &= F(5\times F(4))\times 9+7 = 7+9\times F(F(4)\times 5)\\
5498 &= F(5\times F(4))\times 9+8 = 8+9\times F(F(4)\times 5)\\
5499 &= F(5\times F(4))\times 9+9 = 9+9\times F(F(4)\times 5).
\end{aligned}
$$

$$
\begin{aligned}
10980 &= 1\times F(09)+F(F(8))+0 = 0+F(F(8))+F(9\times 01)\\
10981 &= 1\times F(09)+F(F(8))+1 = 1+F(F(8))+F(9\times 01)\\
10982 &= 1\times F(09)+F(F(8))+2 = 2+F(F(8))+F(9\times 01)\\
10983 &= 1\times F(09)+F(F(8))+3 = 3+F(F(8))+F(9\times 01)\\
10984 &= 1\times F(09)+F(F(8))+4 = 4+F(F(8))+F(9\times 01)\\
10985 &= 1\times F(09)+F(F(8))+5 = 5+F(F(8))+F(9\times 01)\\
10986 &= 1\times F(09)+F(F(8))+6 = 6+F(F(8))+F(9\times 01)\\
10987 &= 1\times F(09)+F(F(8))+7 = 7+F(F(8))+F(9\times 01)\\
10988 &= 1\times F(09)+F(F(8))+8 = 8+F(F(8))+F(9\times 01)\\
10989 &= 1\times F(09)+F(F(8))+9 = 9+F(F(8))+F(9\times 01).
\end{aligned}
$$

$$
\begin{aligned}
21960 &= 2\times 1\times (F(9)+F(F(F(6))))+0 = 0+(F(F(F(6)))+F(9))\times 1\times 2\\
21961 &= 2\times 1\times (F(9)+F(F(F(6))))+1 = 1+(F(F(F(6)))+F(9))\times 1\times 2\\
21962 &= 2\times 1\times (F(9)+F(F(F(6))))+2 = 2+(F(F(F(6)))+F(9))\times 1\times 2\\
21963 &= 2\times 1\times (F(9)+F(F(F(6))))+3 = 3+(F(F(F(6)))+F(9))\times 1\times 2\\
21964 &= 2\times 1\times (F(9)+F(F(F(6))))+4 = 4+(F(F(F(6)))+F(9))\times 1\times 2\\
21965 &= 2\times 1\times (F(9)+F(F(F(6))))+5 = 5+(F(F(F(6)))+F(9))\times 1\times 2\\
21966 &= 2\times 1\times (F(9)+F(F(F(6))))+6 = 6+(F(F(F(6)))+F(9))\times 1\times 2\\
21967 &= 2\times 1\times (F(9)+F(F(F(6))))+7 = 7+(F(F(F(6)))+F(9))\times 1\times 2\\
21968 &= 2\times 1\times (F(9)+F(F(F(6))))+8 = 8+(F(F(F(6)))+F(9))\times 1\times 2\\
21969 &= 2\times 1\times (F(9)+F(F(F(6))))+9 = 9+(F(F(F(6)))+F(9))\times 1\times 2.
\end{aligned}
$$

$$
\begin{aligned}
25840 &= 2\times 5\times F(F(8)-F(4))+0 = 0+F(-F(4)+F(8))\times 5\times 2\\
25841 &= 2\times 5\times F(F(8)-F(4))+1 = 1+F(-F(4)+F(8))\times 5\times 2\\
25842 &= 2\times 5\times F(F(8)-F(4))+2 = 2+F(-F(4)+F(8))\times 5\times 2\\
25843 &= 2\times 5\times F(F(8)-F(4))+3 = 3+F(-F(4)+F(8))\times 5\times 2\\
25844 &= 2\times 5\times F(F(8)-F(4))+4 = 4+F(-F(4)+F(8))\times 5\times 2\\
25845 &= 2\times 5\times F(F(8)-F(4))+5 = 5+F(-F(4)+F(8))\times 5\times 2\\
25846 &= 2\times 5\times F(F(8)-F(4))+6 = 6+F(-F(4)+F(8))\times 5\times 2\\
25847 &= 2\times 5\times F(F(8)-F(4))+7 = 7+F(-F(4)+F(8))\times 5\times 2\\
25848 &= 2\times 5\times F(F(8)-F(4))+8 = 8+F(-F(4)+F(8))\times 5\times 2\\
25849 &= 2\times 5\times F(F(8)-F(4))+9 = 9+F(-F(4)+F(8))\times 5\times 2.
\end{aligned}
$$

$$
\begin{aligned}
28670 &= F(2+F(8))+6+7+0 = 0+7+6+F(F(8)+2)\\
28671 &= F(2+F(8))+6+7+1 = 1+7+6+F(F(8)+2)\\
28672 &= F(2+F(8))+6+7+2 = 2+7+6+F(F(8)+2)\\
28673 &= F(2+F(8))+6+7+3 = 3+7+6+F(F(8)+2)\\
28674 &= F(2+F(8))+6+7+4 = 4+7+6+F(F(8)+2)\\
28675 &= F(2+F(8))+6+7+5 = 5+7+6+F(F(8)+2)\\
28676 &= F(2+F(8))+6+7+6 = 6+7+6+F(F(8)+2)\\
28677 &= F(2+F(8))+6+7+7 = 7+7+6+F(F(8)+2)\\
28678 &= F(2+F(8))+6+7+8 = 8+7+6+F(F(8)+2)\\
28679 &= F(2+F(8))+6+7+9 = 9+7+6+F(F(8)+2),
\end{aligned}
$$

$$
\begin{aligned}
28890 &= F(2+F(8))+F(-F(8)+F(9))+0 = 0+F(F(9)-F(8))+F(F(8)+2)\\
28891 &= F(2+F(8))+F(-F(8)+F(9))+1 = 1+F(F(9)-F(8))+F(F(8)+2)\\
28892 &= F(2+F(8))+F(-F(8)+F(9))+2 = 2+F(F(9)-F(8))+F(F(8)+2)\\
28893 &= F(2+F(8))+F(-F(8)+F(9))+3 = 3+F(F(9)-F(8))+F(F(8)+2)\\
28894 &= F(2+F(8))+F(-F(8)+F(9))+4 = 4+F(F(9)-F(8))+F(F(8)+2)\\
28895 &= F(2+F(8))+F(-F(8)+F(9))+5 = 5+F(F(9)-F(8))+F(F(8)+2)\\
28896 &= F(2+F(8))+F(-F(8)+F(9))+6 = 6+F(F(9)-F(8))+F(F(8)+2)\\
28897 &= F(2+F(8))+F(-F(8)+F(9))+7 = 7+F(F(9)-F(8))+F(F(8)+2)\\
28898 &= F(2+F(8))+F(-F(8)+F(9))+8 = 8+F(F(9)-F(8))+F(F(8)+2)\\
28899 &= F(2+F(8))+F(-F(8)+F(9))+9 = 9+F(F(9)-F(8))+F(F(8)+2).
\end{aligned}
$$

$$
\begin{aligned}
32850 &= 3\times(-F(2)+F(F(8))+5)+0 = 0+(5+F(F(8))-F(2))\times 3\\
32851 &= 3\times(-F(2)+F(F(8))+5)+1 = 1+(5+F(F(8))-F(2))\times 3\\
32852 &= 3\times(-F(2)+F(F(8))+5)+2 = 2+(5+F(F(8))-F(2))\times 3\\
32853 &= 3\times(-F(2)+F(F(8))+5)+3 = 3+(5+F(F(8))-F(2))\times 3\\
32854 &= 3\times(-F(2)+F(F(8))+5)+4 = 4+(5+F(F(8))-F(2))\times 3\\
32855 &= 3\times(-F(2)+F(F(8))+5)+5 = 5+(5+F(F(8))-F(2))\times 3\\
32856 &= 3\times(-F(2)+F(F(8))+5)+6 = 6+(5+F(F(8))-F(2))\times 3\\
32857 &= 3\times(-F(2)+F(F(8))+5)+7 = 7+(5+F(F(8))-F(2))\times 3\\
32858 &= 3\times(-F(2)+F(F(8))+5)+8 = 8+(5+F(F(8))-F(2))\times 3\\
32859 &= 3\times(-F(2)+F(F(8))+5)+9 = 9+(5+F(F(8))-F(2))\times 3.
\end{aligned}
$$

$$
\begin{aligned}
32940 &= (F(F(F(3\times 2)))+F(9))\times F(4)+0 = 0+F(4)\times(F(9)+F(F(2^3)))\\
32941 &= (F(F(F(3\times 2)))+F(9))\times F(4)+1 = 1+F(4)\times(F(9)+F(F(2^3)))\\
32942 &= (F(F(F(3\times 2)))+F(9))\times F(4)+2 = 2+F(4)\times(F(9)+F(F(2^3)))\\
32943 &= (F(F(F(3\times 2)))+F(9))\times F(4)+3 = 3+F(4)\times(F(9)+F(F(2^3)))\\
32944 &= (F(F(F(3\times 2)))+F(9))\times F(4)+4 = 4+F(4)\times(F(9)+F(F(2^3)))\\
32945 &= (F(F(F(3\times 2)))+F(9))\times F(4)+5 = 5+F(4)\times(F(9)+F(F(2^3)))\\
32946 &= (F(F(F(3\times 2)))+F(9))\times F(4)+6 = 6+F(4)\times(F(9)+F(F(2^3)))\\
32947 &= (F(F(F(3\times 2)))+F(9))\times F(4)+7 = 7+F(4)\times(F(9)+F(F(2^3)))\\
32948 &= (F(F(F(3\times 2)))+F(9))\times F(4)+8 = 8+F(4)\times(F(9)+F(F(2^3)))\\
32949 &= (F(F(F(3\times 2)))+F(9))\times F(4)+9 = 9+F(4)\times(F(9)+F(F(2^3))).
\end{aligned}
$$

$$33490 = (-F(3) + F(F(3)^4)) \times F(9) + 0 = 0 + F(9) \times (F(4^{F(3)}) - F(3))$$
$$33491 = (-F(3) + F(F(3)^4)) \times F(9) + 1 = 1 + F(9) \times (F(4^{F(3)}) - F(3))$$
$$33492 = (-F(3) + F(F(3)^4)) \times F(9) + 2 = 2 + F(9) \times (F(4^{F(3)}) - F(3))$$
$$33493 = (-F(3) + F(F(3)^4)) \times F(9) + 3 = 3 + F(9) \times (F(4^{F(3)}) - F(3))$$
$$33494 = (-F(3) + F(F(3)^4)) \times F(9) + 4 = 4 + F(9) \times (F(4^{F(3)}) - F(3))$$
$$33495 = (-F(3) + F(F(3)^4)) \times F(9) + 5 = 5 + F(9) \times (F(4^{F(3)}) - F(3))$$
$$33496 = (-F(3) + F(F(3)^4)) \times F(9) + 6 = 6 + F(9) \times (F(4^{F(3)}) - F(3))$$
$$33497 = (-F(3) + F(F(3)^4)) \times F(9) + 7 = 7 + F(9) \times (F(4^{F(3)}) - F(3))$$
$$33498 = (-F(3) + F(F(3)^4)) \times F(9) + 8 = 8 + F(9) \times (F(4^{F(3)}) - F(3))$$
$$33499 = (-F(3) + F(F(3)^4)) \times F(9) + 9 = 9 + F(9) \times (F(4^{F(3)}) - F(3)).$$

$$38760 = F(-3 + F(8)) \times (7 + F(6)) + 0 = 0 + (F(6) + 7) \times F(F(8) - 3)$$
$$38761 = F(-3 + F(8)) \times (7 + F(6)) + 1 = 1 + (F(6) + 7) \times F(F(8) - 3)$$
$$38762 = F(-3 + F(8)) \times (7 + F(6)) + 2 = 2 + (F(6) + 7) \times F(F(8) - 3)$$
$$38763 = F(-3 + F(8)) \times (7 + F(6)) + 3 = 3 + (F(6) + 7) \times F(F(8) - 3)$$
$$38764 = F(-3 + F(8)) \times (7 + F(6)) + 4 = 4 + (F(6) + 7) \times F(F(8) - 3)$$
$$38765 = F(-3 + F(8)) \times (7 + F(6)) + 5 = 5 + (F(6) + 7) \times F(F(8) - 3)$$
$$38766 = F(-3 + F(8)) \times (7 + F(6)) + 6 = 6 + (F(6) + 7) \times F(F(8) - 3)$$
$$38767 = F(-3 + F(8)) \times (7 + F(6)) + 7 = 7 + (F(6) + 7) \times F(F(8) - 3)$$
$$38768 = F(-3 + F(8)) \times (7 + F(6)) + 8 = 8 + (F(6) + 7) \times F(F(8) - 3)$$
$$38769 = F(-3 + F(8)) \times (7 + F(6)) + 9 = 9 + (F(6) + 7) \times F(F(8) - 3).$$

$$43640 = -F(4 \times 3) + F(F(F(6))) \times 4 + 0 = 0 + 4 \times F(F(F(6))) - F(3 \times 4)$$
$$43641 = -F(4 \times 3) + F(F(F(6))) \times 4 + 1 = 1 + 4 \times F(F(F(6))) - F(3 \times 4)$$
$$43642 = -F(4 \times 3) + F(F(F(6))) \times 4 + 2 = 2 + 4 \times F(F(F(6))) - F(3 \times 4)$$
$$43643 = -F(4 \times 3) + F(F(F(6))) \times 4 + 3 = 3 + 4 \times F(F(F(6))) - F(3 \times 4)$$
$$43644 = -F(4 \times 3) + F(F(F(6))) \times 4 + 4 = 4 + 4 \times F(F(F(6))) - F(3 \times 4)$$
$$43645 = -F(4 \times 3) + F(F(F(6))) \times 4 + 5 = 5 + 4 \times F(F(F(6))) - F(3 \times 4)$$
$$43646 = -F(4 \times 3) + F(F(F(6))) \times 4 + 6 = 6 + 4 \times F(F(F(6))) - F(3 \times 4)$$
$$43647 = -F(4 \times 3) + F(F(F(6))) \times 4 + 7 = 7 + 4 \times F(F(F(6))) - F(3 \times 4)$$
$$43648 = -F(4 \times 3) + F(F(F(6))) \times 4 + 8 = 8 + 4 \times F(F(F(6))) - F(3 \times 4)$$
$$43649 = -F(4 \times 3) + F(F(F(6))) \times 4 + 9 = 9 + 4 \times F(F(F(6))) - F(3 \times 4).$$

$$43780 = 4 \times (-F(F(3)) + F(F(7) + 8)) + 0 = 0 + (F(8 + F(7)) - F(F(3))) \times 4$$
$$43781 = 4 \times (-F(F(3)) + F(F(7) + 8)) + 1 = 1 + (F(8 + F(7)) - F(F(3))) \times 4$$
$$43782 = 4 \times (-F(F(3)) + F(F(7) + 8)) + 2 = 2 + (F(8 + F(7)) - F(F(3))) \times 4$$
$$43783 = 4 \times (-F(F(3)) + F(F(7) + 8)) + 3 = 3 + (F(8 + F(7)) - F(F(3))) \times 4$$
$$43784 = 4 \times (-F(F(3)) + F(F(7) + 8)) + 4 = 4 + (F(8 + F(7)) - F(F(3))) \times 4$$
$$43785 = 4 \times (-F(F(3)) + F(F(7) + 8)) + 5 = 5 + (F(8 + F(7)) - F(F(3))) \times 4$$
$$43786 = 4 \times (-F(F(3)) + F(F(7) + 8)) + 6 = 6 + (F(8 + F(7)) - F(F(3))) \times 4$$
$$43787 = 4 \times (-F(F(3)) + F(F(7) + 8)) + 7 = 7 + (F(8 + F(7)) - F(F(3))) \times 4$$
$$43788 = 4 \times (-F(F(3)) + F(F(7) + 8)) + 8 = 8 + (F(8 + F(7)) - F(F(3))) \times 4$$
$$43789 = 4 \times (-F(F(3)) + F(F(7) + 8)) + 9 = 9 + (F(8 + F(7)) - F(F(3))) \times 4.$$

$$43860 = 4 \times (-F(3) + F(F(8)) + F(F(6))) + 0 = 0 + (F(F(6)) + F(F(8)) - F(3)) \times 4$$
$$43861 = 4 \times (-F(3) + F(F(8)) + F(F(6))) + 1 = 1 + (F(F(6)) + F(F(8)) - F(3)) \times 4$$
$$43862 = 4 \times (-F(3) + F(F(8)) + F(F(6))) + 2 = 2 + (F(F(6)) + F(F(8)) - F(3)) \times 4$$
$$43863 = 4 \times (-F(3) + F(F(8)) + F(F(6))) + 3 = 3 + (F(F(6)) + F(F(8)) - F(3)) \times 4$$
$$43864 = 4 \times (-F(3) + F(F(8)) + F(F(6))) + 4 = 4 + (F(F(6)) + F(F(8)) - F(3)) \times 4$$
$$43865 = 4 \times (-F(3) + F(F(8)) + F(F(6))) + 5 = 5 + (F(F(6)) + F(F(8)) - F(3)) \times 4$$
$$43866 = 4 \times (-F(3) + F(F(8)) + F(F(6))) + 6 = 6 + (F(F(6)) + F(F(8)) - F(3)) \times 4$$
$$43867 = 4 \times (-F(3) + F(F(8)) + F(F(6))) + 7 = 7 + (F(F(6)) + F(F(8)) - F(3)) \times 4$$
$$43868 = 4 \times (-F(3) + F(F(8)) + F(F(6))) + 8 = 8 + (F(F(6)) + F(F(8)) - F(3)) \times 4$$
$$43869 = 4 \times (-F(3) + F(F(8)) + F(F(6))) + 9 = 9 + (F(F(6)) + F(F(8)) - F(3)) \times 4.$$

$$43880 = 4 \times (3 + F(F(8)) + F(8)) + 0 = 0 + (F(F(8)) + 8 \times 3) \times 4$$
$$43881 = 4 \times (3 + F(F(8)) + F(8)) + 1 = 1 + (F(F(8)) + 8 \times 3) \times 4$$
$$43882 = 4 \times (3 + F(F(8)) + F(8)) + 2 = 2 + (F(F(8)) + 8 \times 3) \times 4$$
$$43883 = 4 \times (3 + F(F(8)) + F(8)) + 3 = 3 + (F(F(8)) + 8 \times 3) \times 4$$
$$43884 = 4 \times (3 + F(F(8)) + F(8)) + 4 = 4 + (F(F(8)) + 8 \times 3) \times 4$$
$$43885 = 4 \times (3 + F(F(8)) + F(8)) + 5 = 5 + (F(F(8)) + 8 \times 3) \times 4$$
$$43886 = 4 \times (3 + F(F(8)) + F(8)) + 6 = 6 + (F(F(8)) + 8 \times 3) \times 4$$
$$43887 = 4 \times (3 + F(F(8)) + F(8)) + 7 = 7 + (F(F(8)) + 8 \times 3) \times 4$$
$$43888 = 4 \times (3 + F(F(8)) + F(8)) + 8 = 8 + (F(F(8)) + 8 \times 3) \times 4$$
$$43889 = 4 \times (3 + F(F(8)) + F(8)) + 9 = 9 + (F(F(8)) + 8 \times 3) \times 4.$$

$$44360 = 4 \times (F(4 \times 3) + F(F(F(6)))) + 0 = 0 + (F(F(F(6))) + F(3 \times 4)) \times 4$$
$$44361 = 4 \times (F(4 \times 3) + F(F(F(6)))) + 1 = 1 + (F(F(F(6))) + F(3 \times 4)) \times 4$$
$$44362 = 4 \times (F(4 \times 3) + F(F(F(6)))) + 2 = 2 + (F(F(F(6))) + F(3 \times 4)) \times 4$$
$$44363 = 4 \times (F(4 \times 3) + F(F(F(6)))) + 3 = 3 + (F(F(F(6))) + F(3 \times 4)) \times 4$$
$$44364 = 4 \times (F(4 \times 3) + F(F(F(6)))) + 4 = 4 + (F(F(F(6))) + F(3 \times 4)) \times 4$$
$$44365 = 4 \times (F(4 \times 3) + F(F(F(6)))) + 5 = 5 + (F(F(F(6))) + F(3 \times 4)) \times 4$$
$$44366 = 4 \times (F(4 \times 3) + F(F(F(6)))) + 6 = 6 + (F(F(F(6))) + F(3 \times 4)) \times 4$$
$$44367 = 4 \times (F(4 \times 3) + F(F(F(6)))) + 7 = 7 + (F(F(F(6))) + F(3 \times 4)) \times 4$$
$$44368 = 4 \times (F(4 \times 3) + F(F(F(6)))) + 8 = 8 + (F(F(F(6))) + F(3 \times 4)) \times 4$$
$$44369 = 4 \times (F(4 \times 3) + F(F(F(6)))) + 9 = 9 + (F(F(F(6))) + F(3 \times 4)) \times 4.$$

$$46370 = F(4 \times 6) + F(F(-3 + 7)) + 0 = 0 + F(F(7 - 3)) + F(6 \times 4)$$
$$46371 = F(4 \times 6) + F(F(-3 + 7)) + 1 = 1 + F(F(7 - 3)) + F(6 \times 4)$$
$$46372 = F(4 \times 6) + F(F(-3 + 7)) + 2 = 2 + F(F(7 - 3)) + F(6 \times 4)$$
$$46373 = F(4 \times 6) + F(F(-3 + 7)) + 3 = 3 + F(F(7 - 3)) + F(6 \times 4)$$
$$46374 = F(4 \times 6) + F(F(-3 + 7)) + 4 = 4 + F(F(7 - 3)) + F(6 \times 4)$$
$$46375 = F(4 \times 6) + F(F(-3 + 7)) + 5 = 5 + F(F(7 - 3)) + F(6 \times 4)$$
$$46376 = F(4 \times 6) + F(F(-3 + 7)) + 6 = 6 + F(F(7 - 3)) + F(6 \times 4)$$
$$46377 = F(4 \times 6) + F(F(-3 + 7)) + 7 = 7 + F(F(7 - 3)) + F(6 \times 4)$$
$$46378 = F(4 \times 6) + F(F(-3 + 7)) + 8 = 8 + F(F(7 - 3)) + F(6 \times 4)$$
$$46379 = F(4 \times 6) + F(F(-3 + 7)) + 9 = 9 + F(F(7 - 3)) + F(6 \times 4).$$

$$46670 = F(F(F(4))) + 6^6 + F(7) + 0 = 0 + F(7) + 6^6 + F(F(F(4)))$$
$$46671 = F(F(F(4))) + 6^6 + F(7) + 1 = 1 + F(7) + 6^6 + F(F(F(4)))$$
$$46672 = F(F(F(4))) + 6^6 + F(7) + 2 = 2 + F(7) + 6^6 + F(F(F(4)))$$
$$46673 = F(F(F(4))) + 6^6 + F(7) + 3 = 3 + F(7) + 6^6 + F(F(F(4)))$$
$$46674 = F(F(F(4))) + 6^6 + F(7) + 4 = 4 + F(7) + 6^6 + F(F(F(4)))$$
$$46675 = F(F(F(4))) + 6^6 + F(7) + 5 = 5 + F(7) + 6^6 + F(F(F(4)))$$
$$46676 = F(F(F(4))) + 6^6 + F(7) + 6 = 6 + F(7) + 6^6 + F(F(F(4)))$$
$$46677 = F(F(F(4))) + 6^6 + F(7) + 7 = 7 + F(7) + 6^6 + F(F(F(4)))$$
$$46678 = F(F(F(4))) + 6^6 + F(7) + 8 = 8 + F(7) + 6^6 + F(F(F(4)))$$
$$46679 = F(F(F(4))) + 6^6 + F(7) + 9 = 9 + F(7) + 6^6 + F(F(F(4))).$$

$$54290 = F(5 \times F(4)) \times F(2 + 9) + 0 = 0 + F(9 + 2) \times F(F(4) \times 5)$$
$$54291 = F(5 \times F(4)) \times F(2 + 9) + 1 = 1 + F(9 + 2) \times F(F(4) \times 5)$$
$$54292 = F(5 \times F(4)) \times F(2 + 9) + 2 = 2 + F(9 + 2) \times F(F(4) \times 5)$$
$$54293 = F(5 \times F(4)) \times F(2 + 9) + 3 = 3 + F(9 + 2) \times F(F(4) \times 5)$$
$$54294 = F(5 \times F(4)) \times F(2 + 9) + 4 = 4 + F(9 + 2) \times F(F(4) \times 5)$$
$$54295 = F(5 \times F(4)) \times F(2 + 9) + 5 = 5 + F(9 + 2) \times F(F(4) \times 5)$$
$$54296 = F(5 \times F(4)) \times F(2 + 9) + 6 = 6 + F(9 + 2) \times F(F(4) \times 5)$$
$$54297 = F(5 \times F(4)) \times F(2 + 9) + 7 = 7 + F(9 + 2) \times F(F(4) \times 5)$$
$$54298 = F(5 \times F(4)) \times F(2 + 9) + 8 = 8 + F(9 + 2) \times F(F(4) \times 5)$$
$$54299 = F(5 \times F(4)) \times F(2 + 9) + 9 = 9 + F(9 + 2) \times F(F(4) \times 5).$$

$$54560 = 5 \times (-F(4 + 5) + F(F(F(6)))) + 0 = 0 + (F(F(F(6))) - F(5 + 4)) \times 5$$
$$54561 = 5 \times (-F(4 + 5) + F(F(F(6)))) + 1 = 1 + (F(F(F(6))) - F(5 + 4)) \times 5$$
$$54562 = 5 \times (-F(4 + 5) + F(F(F(6)))) + 2 = 2 + (F(F(F(6))) - F(5 + 4)) \times 5$$
$$54563 = 5 \times (-F(4 + 5) + F(F(F(6)))) + 3 = 3 + (F(F(F(6))) - F(5 + 4)) \times 5$$
$$54564 = 5 \times (-F(4 + 5) + F(F(F(6)))) + 4 = 4 + (F(F(F(6))) - F(5 + 4)) \times 5$$
$$54565 = 5 \times (-F(4 + 5) + F(F(F(6)))) + 5 = 5 + (F(F(F(6))) - F(5 + 4)) \times 5$$
$$54566 = 5 \times (-F(4 + 5) + F(F(F(6)))) + 6 = 6 + (F(F(F(6))) - F(5 + 4)) \times 5$$
$$54567 = 5 \times (-F(4 + 5) + F(F(F(6)))) + 7 = 7 + (F(F(F(6))) - F(5 + 4)) \times 5$$
$$54568 = 5 \times (-F(4 + 5) + F(F(F(6)))) + 8 = 8 + (F(F(F(6))) - F(5 + 4)) \times 5$$
$$54569 = 5 \times (-F(4 + 5) + F(F(F(6)))) + 9 = 9 + (F(F(F(6))) - F(5 + 4)) \times 5.$$

$$54670 = 5 \times (F(F(F(4))) + F(F(F(6))) - F(7)) + 0 = 0 + (-F(7) + F(F(F(6))) + F(F(F(4)))) \times 5$$
$$54671 = 5 \times (F(F(F(4))) + F(F(F(6))) - F(7)) + 1 = 1 + (-F(7) + F(F(F(6))) + F(F(F(4)))) \times 5$$
$$54672 = 5 \times (F(F(F(4))) + F(F(F(6))) - F(7)) + 2 = 2 + (-F(7) + F(F(F(6))) + F(F(F(4)))) \times 5$$
$$54673 = 5 \times (F(F(F(4))) + F(F(F(6))) - F(7)) + 3 = 3 + (-F(7) + F(F(F(6))) + F(F(F(4)))) \times 5$$
$$54674 = 5 \times (F(F(F(4))) + F(F(F(6))) - F(7)) + 4 = 4 + (-F(7) + F(F(F(6))) + F(F(F(4)))) \times 5$$
$$54675 = 5 \times (F(F(F(4))) + F(F(F(6))) - F(7)) + 5 = 5 + (-F(7) + F(F(F(6))) + F(F(F(4)))) \times 5$$
$$54676 = 5 \times (F(F(F(4))) + F(F(F(6))) - F(7)) + 6 = 6 + (-F(7) + F(F(F(6))) + F(F(F(4)))) \times 5$$
$$54677 = 5 \times (F(F(F(4))) + F(F(F(6))) - F(7)) + 7 = 7 + (-F(7) + F(F(F(6))) + F(F(F(4)))) \times 5$$
$$54678 = 5 \times (F(F(F(4))) + F(F(F(6))) - F(7)) + 8 = 8 + (-F(7) + F(F(F(6))) + F(F(F(4)))) \times 5$$
$$54679 = 5 \times (F(F(F(4))) + F(F(F(6))) - F(7)) + 9 = 9 + (-F(7) + F(F(F(6))) + F(F(F(4)))) \times 5.$$

$$54680 = 5 \times (-4 - 6 + F(F(8))) + 0 = 0 + (F(F(8)) - 6 - 4) \times 5$$
$$54681 = 5 \times (-4 - 6 + F(F(8))) + 1 = 1 + (F(F(8)) - 6 - 4) \times 5$$
$$54682 = 5 \times (-4 - 6 + F(F(8))) + 2 = 2 + (F(F(8)) - 6 - 4) \times 5$$
$$54683 = 5 \times (-4 - 6 + F(F(8))) + 3 = 3 + (F(F(8)) - 6 - 4) \times 5$$
$$54684 = 5 \times (-4 - 6 + F(F(8))) + 4 = 4 + (F(F(8)) - 6 - 4) \times 5$$
$$54685 = 5 \times (-4 - 6 + F(F(8))) + 5 = 5 + (F(F(8)) - 6 - 4) \times 5$$
$$54686 = 5 \times (-4 - 6 + F(F(8))) + 6 = 6 + (F(F(8)) - 6 - 4) \times 5$$
$$54687 = 5 \times (-4 - 6 + F(F(8))) + 7 = 7 + (F(F(8)) - 6 - 4) \times 5$$
$$54688 = 5 \times (-4 - 6 + F(F(8))) + 8 = 8 + (F(F(8)) - 6 - 4) \times 5$$
$$54689 = 5 \times (-4 - 6 + F(F(8))) + 9 = 9 + (F(F(8)) - 6 - 4) \times 5.$$

$$54690 = 5 \times (F(F(F(4))) + F(F(F(6))) - 9) + 0 = 0 + (-9 + F(F(F(6))) + F(F(F(4)))) \times 5$$
$$54691 = 5 \times (F(F(F(4))) + F(F(F(6))) - 9) + 1 = 1 + (-9 + F(F(F(6))) + F(F(F(4)))) \times 5$$
$$54692 = 5 \times (F(F(F(4))) + F(F(F(6))) - 9) + 2 = 2 + (-9 + F(F(F(6))) + F(F(F(4)))) \times 5$$
$$54693 = 5 \times (F(F(F(4))) + F(F(F(6))) - 9) + 3 = 3 + (-9 + F(F(F(6))) + F(F(F(4)))) \times 5$$
$$54694 = 5 \times (F(F(F(4))) + F(F(F(6))) - 9) + 4 = 4 + (-9 + F(F(F(6))) + F(F(F(4)))) \times 5$$
$$54695 = 5 \times (F(F(F(4))) + F(F(F(6))) - 9) + 5 = 5 + (-9 + F(F(F(6))) + F(F(F(4)))) \times 5$$
$$54696 = 5 \times (F(F(F(4))) + F(F(F(6))) - 9) + 6 = 6 + (-9 + F(F(F(6))) + F(F(F(4)))) \times 5$$
$$54697 = 5 \times (F(F(F(4))) + F(F(F(6))) - 9) + 7 = 7 + (-9 + F(F(F(6))) + F(F(F(4)))) \times 5$$
$$54698 = 5 \times (F(F(F(4))) + F(F(F(6))) - 9) + 8 = 8 + (-9 + F(F(F(6))) + F(F(F(4)))) \times 5$$
$$54699 = 5 \times (F(F(F(4))) + F(F(F(6))) - 9) + 9 = 9 + (-9 + F(F(F(6))) + F(F(F(4)))) \times 5.$$

$$54710 = 5 \times (-4 + F(F(7 + 1))) + 0 = 0 + (F(F(1 + 7)) - 4) \times 5$$
$$54711 = 5 \times (-4 + F(F(7 + 1))) + 1 = 1 + (F(F(1 + 7)) - 4) \times 5$$
$$54712 = 5 \times (-4 + F(F(7 + 1))) + 2 = 2 + (F(F(1 + 7)) - 4) \times 5$$
$$54713 = 5 \times (-4 + F(F(7 + 1))) + 3 = 3 + (F(F(1 + 7)) - 4) \times 5$$
$$54714 = 5 \times (-4 + F(F(7 + 1))) + 4 = 4 + (F(F(1 + 7)) - 4) \times 5$$
$$54715 = 5 \times (-4 + F(F(7 + 1))) + 5 = 5 + (F(F(1 + 7)) - 4) \times 5$$
$$54716 = 5 \times (-4 + F(F(7 + 1))) + 6 = 6 + (F(F(1 + 7)) - 4) \times 5$$
$$54717 = 5 \times (-4 + F(F(7 + 1))) + 7 = 7 + (F(F(1 + 7)) - 4) \times 5$$
$$54718 = 5 \times (-4 + F(F(7 + 1))) + 8 = 8 + (F(F(1 + 7)) - 4) \times 5$$
$$54719 = 5 \times (-4 + F(F(7 + 1))) + 9 = 9 + (F(F(1 + 7)) - 4) \times 5.$$

$$54720 = 5 \times (F(F(4) \times 7) - 2) + 0 = 0 + (-2 + F(7 \times F(4))) \times 5$$
$$54721 = 5 \times (F(F(4) \times 7) - 2) + 1 = 1 + (-2 + F(7 \times F(4))) \times 5$$
$$54722 = 5 \times (F(F(4) \times 7) - 2) + 2 = 2 + (-2 + F(7 \times F(4))) \times 5$$
$$54723 = 5 \times (F(F(4) \times 7) - 2) + 3 = 3 + (-2 + F(7 \times F(4))) \times 5$$
$$54724 = 5 \times (F(F(4) \times 7) - 2) + 4 = 4 + (-2 + F(7 \times F(4))) \times 5$$
$$54725 = 5 \times (F(F(4) \times 7) - 2) + 5 = 5 + (-2 + F(7 \times F(4))) \times 5$$
$$54726 = 5 \times (F(F(4) \times 7) - 2) + 6 = 6 + (-2 + F(7 \times F(4))) \times 5$$
$$54727 = 5 \times (F(F(4) \times 7) - 2) + 7 = 7 + (-2 + F(7 \times F(4))) \times 5$$
$$54728 = 5 \times (F(F(4) \times 7) - 2) + 8 = 8 + (-2 + F(7 \times F(4))) \times 5$$
$$54729 = 5 \times (F(F(4) \times 7) - 2) + 9 = 9 + (-2 + F(7 \times F(4))) \times 5.$$

$$54730 = 5 \times F(F(4) \times 7) \times F(F(3)) + 0 = 0 + F(F(3)) \times F(7 \times F(4)) \times 5$$
$$54731 = 5 \times F(F(4) \times 7) \times F(F(3)) + 1 = 1 + F(F(3)) \times F(7 \times F(4)) \times 5$$
$$54732 = 5 \times F(F(4) \times 7) \times F(F(3)) + 2 = 2 + F(F(3)) \times F(7 \times F(4)) \times 5$$
$$54733 = 5 \times F(F(4) \times 7) \times F(F(3)) + 3 = 3 + F(F(3)) \times F(7 \times F(4)) \times 5$$
$$54734 = 5 \times F(F(4) \times 7) \times F(F(3)) + 4 = 4 + F(F(3)) \times F(7 \times F(4)) \times 5$$
$$54735 = 5 \times F(F(4) \times 7) \times F(F(3)) + 5 = 5 + F(F(3)) \times F(7 \times F(4)) \times 5$$
$$54736 = 5 \times F(F(4) \times 7) \times F(F(3)) + 6 = 6 + F(F(3)) \times F(7 \times F(4)) \times 5$$
$$54737 = 5 \times F(F(4) \times 7) \times F(F(3)) + 7 = 7 + F(F(3)) \times F(7 \times F(4)) \times 5$$
$$54738 = 5 \times F(F(4) \times 7) \times F(F(3)) + 8 = 8 + F(F(3)) \times F(7 \times F(4)) \times 5$$
$$54739 = 5 \times F(F(4) \times 7) \times F(F(3)) + 9 = 9 + F(F(3)) \times F(7 \times F(4)) \times 5.$$

$$54740 = 5 \times (F(F(4) \times 7) + F(F(4))) + 0 = 0 + (F(F(4)) + F(7 \times F(4))) \times 5$$
$$54741 = 5 \times (F(F(4) \times 7) + F(F(4))) + 1 = 1 + (F(F(4)) + F(7 \times F(4))) \times 5$$
$$54742 = 5 \times (F(F(4) \times 7) + F(F(4))) + 2 = 2 + (F(F(4)) + F(7 \times F(4))) \times 5$$
$$54743 = 5 \times (F(F(4) \times 7) + F(F(4))) + 3 = 3 + (F(F(4)) + F(7 \times F(4))) \times 5$$
$$54744 = 5 \times (F(F(4) \times 7) + F(F(4))) + 4 = 4 + (F(F(4)) + F(7 \times F(4))) \times 5$$
$$54745 = 5 \times (F(F(4) \times 7) + F(F(4))) + 5 = 5 + (F(F(4)) + F(7 \times F(4))) \times 5$$
$$54746 = 5 \times (F(F(4) \times 7) + F(F(4))) + 6 = 6 + (F(F(4)) + F(7 \times F(4))) \times 5$$
$$54747 = 5 \times (F(F(4) \times 7) + F(F(4))) + 7 = 7 + (F(F(4)) + F(7 \times F(4))) \times 5$$
$$54748 = 5 \times (F(F(4) \times 7) + F(F(4))) + 8 = 8 + (F(F(4)) + F(7 \times F(4))) \times 5$$
$$54749 = 5 \times (F(F(4) \times 7) + F(F(4))) + 9 = 9 + (F(F(4)) + F(7 \times F(4))) \times 5$$

$$54750 = 5 \times (4 + F(F(F(7) - 5))) + 0 = 0 + (F(F(-5 + F(7))) + 4) \times 5$$
$$54751 = 5 \times (4 + F(F(F(7) - 5))) + 1 = 1 + (F(F(-5 + F(7))) + 4) \times 5$$
$$54752 = 5 \times (4 + F(F(F(7) - 5))) + 2 = 2 + (F(F(-5 + F(7))) + 4) \times 5$$
$$54753 = 5 \times (4 + F(F(F(7) - 5))) + 3 = 3 + (F(F(-5 + F(7))) + 4) \times 5$$
$$54754 = 5 \times (4 + F(F(F(7) - 5))) + 4 = 4 + (F(F(-5 + F(7))) + 4) \times 5$$
$$54755 = 5 \times (4 + F(F(F(7) - 5))) + 5 = 5 + (F(F(-5 + F(7))) + 4) \times 5$$
$$54756 = 5 \times (4 + F(F(F(7) - 5))) + 6 = 6 + (F(F(-5 + F(7))) + 4) \times 5$$
$$54757 = 5 \times (4 + F(F(F(7) - 5))) + 7 = 7 + (F(F(-5 + F(7))) + 4) \times 5$$
$$54758 = 5 \times (4 + F(F(F(7) - 5))) + 8 = 8 + (F(F(-5 + F(7))) + 4) \times 5$$
$$54759 = 5 \times (4 + F(F(F(7) - 5))) + 9 = 9 + (F(F(-5 + F(7))) + 4) \times 5.$$

$$54760 = 5 \times (F(F(4) \times 7) + 6) + 0 = 0 + (6 + F(7 \times F(4))) \times 5$$
$$54761 = 5 \times (F(F(4) \times 7) + 6) + 1 = 1 + (6 + F(7 \times F(4))) \times 5$$
$$54762 = 5 \times (F(F(4) \times 7) + 6) + 2 = 2 + (6 + F(7 \times F(4))) \times 5$$
$$54763 = 5 \times (F(F(4) \times 7) + 6) + 3 = 3 + (6 + F(7 \times F(4))) \times 5$$
$$54764 = 5 \times (F(F(4) \times 7) + 6) + 4 = 4 + (6 + F(7 \times F(4))) \times 5$$
$$54765 = 5 \times (F(F(4) \times 7) + 6) + 5 = 5 + (6 + F(7 \times F(4))) \times 5$$
$$54766 = 5 \times (F(F(4) \times 7) + 6) + 6 = 6 + (6 + F(7 \times F(4))) \times 5$$
$$54767 = 5 \times (F(F(4) \times 7) + 6) + 7 = 7 + (6 + F(7 \times F(4))) \times 5$$
$$54768 = 5 \times (F(F(4) \times 7) + 6) + 8 = 8 + (6 + F(7 \times F(4))) \times 5$$
$$54769 = 5 \times (F(F(4) \times 7) + 6) + 9 = 9 + (6 + F(7 \times F(4))) \times 5.$$

$$54780 = 5 \times (-F(4) + F(7) + F(F(8))) + 0 = 0 + (F(F(8)) + F(7) - F(4)) \times 5$$
$$54781 = 5 \times (-F(4) + F(7) + F(F(8))) + 1 = 1 + (F(F(8)) + F(7) - F(4)) \times 5$$
$$54782 = 5 \times (-F(4) + F(7) + F(F(8))) + 2 = 2 + (F(F(8)) + F(7) - F(4)) \times 5$$
$$54783 = 5 \times (-F(4) + F(7) + F(F(8))) + 3 = 3 + (F(F(8)) + F(7) - F(4)) \times 5$$
$$54784 = 5 \times (-F(4) + F(7) + F(F(8))) + 4 = 4 + (F(F(8)) + F(7) - F(4)) \times 5$$
$$54785 = 5 \times (-F(4) + F(7) + F(F(8))) + 5 = 5 + (F(F(8)) + F(7) - F(4)) \times 5$$
$$54786 = 5 \times (-F(4) + F(7) + F(F(8))) + 6 = 6 + (F(F(8)) + F(7) - F(4)) \times 5$$
$$54787 = 5 \times (-F(4) + F(7) + F(F(8))) + 7 = 7 + (F(F(8)) + F(7) - F(4)) \times 5$$
$$54788 = 5 \times (-F(4) + F(7) + F(F(8))) + 8 = 8 + (F(F(8)) + F(7) - F(4)) \times 5$$
$$54789 = 5 \times (-F(4) + F(7) + F(F(8))) + 9 = 9 + (F(F(8)) + F(7) - F(4)) \times 5.$$

$$54890 = 5 \times (-F(F(4)) + F(F(8)) + F(9)) + 0 = 0 + (F(9) + F(F(8)) - F(F(4))) \times 5$$
$$54891 = 5 \times (-F(F(4)) + F(F(8)) + F(9)) + 1 = 1 + (F(9) + F(F(8)) - F(F(4))) \times 5$$
$$54892 = 5 \times (-F(F(4)) + F(F(8)) + F(9)) + 2 = 2 + (F(9) + F(F(8)) - F(F(4))) \times 5$$
$$54893 = 5 \times (-F(F(4)) + F(F(8)) + F(9)) + 3 = 3 + (F(9) + F(F(8)) - F(F(4))) \times 5$$
$$54894 = 5 \times (-F(F(4)) + F(F(8)) + F(9)) + 4 = 4 + (F(9) + F(F(8)) - F(F(4))) \times 5$$
$$54895 = 5 \times (-F(F(4)) + F(F(8)) + F(9)) + 5 = 5 + (F(9) + F(F(8)) - F(F(4))) \times 5$$
$$54896 = 5 \times (-F(F(4)) + F(F(8)) + F(9)) + 6 = 6 + (F(9) + F(F(8)) - F(F(4))) \times 5$$
$$54897 = 5 \times (-F(F(4)) + F(F(8)) + F(9)) + 7 = 7 + (F(9) + F(F(8)) - F(F(4))) \times 5$$
$$54898 = 5 \times (-F(F(4)) + F(F(8)) + F(9)) + 8 = 8 + (F(9) + F(F(8)) - F(F(4))) \times 5$$
$$54899 = 5 \times (-F(F(4)) + F(F(8)) + F(9)) + 9 = 9 + (F(9) + F(F(8)) - F(F(4))) \times 5.$$

$$55870 = 5 \times (-5 + F(F(8)) + F(F(7))) + 0 = 0 + (F(F(7)) + F(F(8)) - 5) \times 5$$
$$55871 = 5 \times (-5 + F(F(8)) + F(F(7))) + 1 = 1 + (F(F(7)) + F(F(8)) - 5) \times 5$$
$$55872 = 5 \times (-5 + F(F(8)) + F(F(7))) + 2 = 2 + (F(F(7)) + F(F(8)) - 5) \times 5$$
$$55873 = 5 \times (-5 + F(F(8)) + F(F(7))) + 3 = 3 + (F(F(7)) + F(F(8)) - 5) \times 5$$
$$55874 = 5 \times (-5 + F(F(8)) + F(F(7))) + 4 = 4 + (F(F(7)) + F(F(8)) - 5) \times 5$$
$$55875 = 5 \times (-5 + F(F(8)) + F(F(7))) + 5 = 5 + (F(F(7)) + F(F(8)) - 5) \times 5$$
$$55876 = 5 \times (-5 + F(F(8)) + F(F(7))) + 6 = 6 + (F(F(7)) + F(F(8)) - 5) \times 5$$
$$55877 = 5 \times (-5 + F(F(8)) + F(F(7))) + 7 = 7 + (F(F(7)) + F(F(8)) - 5) \times 5$$
$$55878 = 5 \times (-5 + F(F(8)) + F(F(7))) + 8 = 8 + (F(F(7)) + F(F(8)) - 5) \times 5$$
$$55879 = 5 \times (-5 + F(F(8)) + F(F(7))) + 9 = 9 + (F(F(7)) + F(F(8)) - 5) \times 5.$$

$$65660 = -F(F(6)) + 5 + F(F(F(6))) \times 6 + 0 = 0 + F(F(F(6))) \times 6 + 5 - F(F(6))$$
$$65661 = -F(F(6)) + 5 + F(F(F(6))) \times 6 + 1 = 1 + F(F(F(6))) \times 6 + 5 - F(F(6))$$
$$65662 = -F(F(6)) + 5 + F(F(F(6))) \times 6 + 2 = 2 + F(F(F(6))) \times 6 + 5 - F(F(6))$$
$$65663 = -F(F(6)) + 5 + F(F(F(6))) \times 6 + 3 = 3 + F(F(F(6))) \times 6 + 5 - F(F(6))$$
$$65664 = -F(F(6)) + 5 + F(F(F(6))) \times 6 + 4 = 4 + F(F(F(6))) \times 6 + 5 - F(F(6))$$
$$65665 = -F(F(6)) + 5 + F(F(F(6))) \times 6 + 5 = 5 + F(F(F(6))) \times 6 + 5 - F(F(6))$$
$$65666 = -F(F(6)) + 5 + F(F(F(6))) \times 6 + 6 = 6 + F(F(F(6))) \times 6 + 5 - F(F(6))$$
$$65667 = -F(F(6)) + 5 + F(F(F(6))) \times 6 + 7 = 7 + F(F(F(6))) \times 6 + 5 - F(F(6))$$
$$65668 = -F(F(6)) + 5 + F(F(F(6))) \times 6 + 8 = 8 + F(F(F(6))) \times 6 + 5 - F(F(6))$$
$$65669 = -F(F(6)) + 5 + F(F(F(6))) \times 6 + 9 = 9 + F(F(F(6))) \times 6 + 5 - F(F(6)).$$

$$
\begin{aligned}
76720 &= 7\times(F(F(F(6)))+7\times 2)+0 = 0+(2\times 7+F(F(F(6))))\times 7\\
76721 &= 7\times(F(F(F(6)))+7\times 2)+1 = 1+(2\times 7+F(F(F(6))))\times 7\\
76722 &= 7\times(F(F(F(6)))+7\times 2)+2 = 2+(2\times 7+F(F(F(6))))\times 7\\
76723 &= 7\times(F(F(F(6)))+7\times 2)+3 = 3+(2\times 7+F(F(F(6))))\times 7\\
76724 &= 7\times(F(F(F(6)))+7\times 2)+4 = 4+(2\times 7+F(F(F(6))))\times 7\\
76725 &= 7\times(F(F(F(6)))+7\times 2)+5 = 5+(2\times 7+F(F(F(6))))\times 7\\
76726 &= 7\times(F(F(F(6)))+7\times 2)+6 = 6+(2\times 7+F(F(F(6))))\times 7\\
76727 &= 7\times(F(F(F(6)))+7\times 2)+7 = 7+(2\times 7+F(F(F(6))))\times 7\\
76728 &= 7\times(F(F(F(6)))+7\times 2)+8 = 8+(2\times 7+F(F(F(6))))\times 7\\
76729 &= 7\times(F(F(F(6)))+7\times 2)+9 = 9+(2\times 7+F(F(F(6))))\times 7.
\end{aligned}
$$

$$
\begin{aligned}
76860 &= F(7+F(6))\times F(8)\times 6+0 = 0+6\times F(8)\times F(F(6)+7)\\
76861 &= F(7+F(6))\times F(8)\times 6+1 = 1+6\times F(8)\times F(F(6)+7)\\
76862 &= F(7+F(6))\times F(8)\times 6+2 = 2+6\times F(8)\times F(F(6)+7)\\
76863 &= F(7+F(6))\times F(8)\times 6+3 = 3+6\times F(8)\times F(F(6)+7)\\
76864 &= F(7+F(6))\times F(8)\times 6+4 = 4+6\times F(8)\times F(F(6)+7)\\
76865 &= F(7+F(6))\times F(8)\times 6+5 = 5+6\times F(8)\times F(F(6)+7)\\
76866 &= F(7+F(6))\times F(8)\times 6+6 = 6+6\times F(8)\times F(F(6)+7)\\
76867 &= F(7+F(6))\times F(8)\times 6+7 = 7+6\times F(8)\times F(F(6)+7)\\
76868 &= F(7+F(6))\times F(8)\times 6+8 = 8+6\times F(8)\times F(F(6)+7)\\
76869 &= F(7+F(6))\times F(8)\times 6+9 = 9+6\times F(8)\times F(F(6)+7).
\end{aligned}
$$

$$
\begin{aligned}
76890 &= F(F(7))\times 6\times(F(8)+F(9))+0 = 0+(F(9)+F(8))\times 6\times F(F(7))\\
76891 &= F(F(7))\times 6\times(F(8)+F(9))+1 = 1+(F(9)+F(8))\times 6\times F(F(7))\\
76892 &= F(F(7))\times 6\times(F(8)+F(9))+2 = 2+(F(9)+F(8))\times 6\times F(F(7))\\
76893 &= F(F(7))\times 6\times(F(8)+F(9))+3 = 3+(F(9)+F(8))\times 6\times F(F(7))\\
76894 &= F(F(7))\times 6\times(F(8)+F(9))+4 = 4+(F(9)+F(8))\times 6\times F(F(7))\\
76895 &= F(F(7))\times 6\times(F(8)+F(9))+5 = 5+(F(9)+F(8))\times 6\times F(F(7))\\
76896 &= F(F(7))\times 6\times(F(8)+F(9))+6 = 6+(F(9)+F(8))\times 6\times F(F(7))\\
76897 &= F(F(7))\times 6\times(F(8)+F(9))+7 = 7+(F(9)+F(8))\times 6\times F(F(7))\\
76898 &= F(F(7))\times 6\times(F(8)+F(9))+8 = 8+(F(9)+F(8))\times 6\times F(F(7))\\
76899 &= F(F(7))\times 6\times(F(8)+F(9))+9 = 9+(F(9)+F(8))\times 6\times F(F(7)).
\end{aligned}
$$

$$
\begin{aligned}
7920 &= F(F(7))\times F(9)-2+0 = 0-2+F(9)\times F(F(7))\\
7921 &= F(F(7))\times F(9)-2+1 = 1-2+F(9)\times F(F(7))\\
7922 &= F(F(7))\times F(9)-2+2 = 2-2+F(9)\times F(F(7))\\
7923 &= F(F(7))\times F(9)-2+3 = 3-2+F(9)\times F(F(7))\\
7924 &= F(F(7))\times F(9)-2+4 = 4-2+F(9)\times F(F(7))\\
7925 &= F(F(7))\times F(9)-2+5 = 5-2+F(9)\times F(F(7))\\
7926 &= F(F(7))\times F(9)-2+6 = 6-2+F(9)\times F(F(7))\\
7927 &= F(F(7))\times F(9)-2+7 = 7-2+F(9)\times F(F(7))\\
7928 &= F(F(7))\times F(9)-2+8 = 8-2+F(9)\times F(F(7))\\
7929 &= F(F(7))\times F(9)-2+9 = 9-2+F(9)\times F(F(7)).
\end{aligned}
$$

$$
\begin{aligned}
83620 &= F(F(8)-F(3))\times(F(F(6))-F(2))+0 = 0+F(-2+F(F(6)))\times(-F(F(3))+F(8))\\
83621 &= F(F(8)-F(3))\times(F(F(6))-F(2))+1 = 1+F(-2+F(F(6)))\times(-F(F(3))+F(8))\\
83622 &= F(F(8)-F(3))\times(F(F(6))-F(2))+2 = 2+F(-2+F(F(6)))\times(-F(F(3))+F(8))\\
83623 &= F(F(8)-F(3))\times(F(F(6))-F(2))+3 = 3+F(-2+F(F(6)))\times(-F(F(3))+F(8))\\
83624 &= F(F(8)-F(3))\times(F(F(6))-F(2))+4 = 4+F(-2+F(F(6)))\times(-F(F(3))+F(8))\\
83625 &= F(F(8)-F(3))\times(F(F(6))-F(2))+5 = 5+F(-2+F(F(6)))\times(-F(F(3))+F(8))\\
83626 &= F(F(8)-F(3))\times(F(F(6))-F(2))+6 = 6+F(-2+F(F(6)))\times(-F(F(3))+F(8))\\
83627 &= F(F(8)-F(3))\times(F(F(6))-F(2))+7 = 7+F(-2+F(F(6)))\times(-F(F(3))+F(8))\\
83628 &= F(F(8)-F(3))\times(F(F(6))-F(2))+8 = 8+F(-2+F(F(6)))\times(-F(F(3))+F(8))\\
83629 &= F(F(8)-F(3))\times(F(F(6))-F(2))+9 = 9+F(-2+F(F(6)))\times(-F(F(3))+F(8)).
\end{aligned}
$$

$$
\begin{aligned}
86880 &= (-86+F(F(8)))\times 8+0 = 0+(F(F(8))-86)\times 8\\
86881 &= (-86+F(F(8)))\times 8+1 = 1+(F(F(8))-86)\times 8\\
86882 &= (-86+F(F(8)))\times 8+2 = 2+(F(F(8))-86)\times 8\\
86883 &= (-86+F(F(8)))\times 8+3 = 3+(F(F(8))-86)\times 8\\
86884 &= (-86+F(F(8)))\times 8+4 = 4+(F(F(8))-86)\times 8\\
86885 &= (-86+F(F(8)))\times 8+5 = 5+(F(F(8))-86)\times 8\\
86886 &= (-86+F(F(8)))\times 8+6 = 6+(F(F(8))-86)\times 8\\
86887 &= (-86+F(F(8)))\times 8+7 = 7+(F(F(8))-86)\times 8\\
86888 &= (-86+F(F(8)))\times 8+8 = 8+(F(F(8))-86)\times 8\\
86889 &= (-86+F(F(8)))\times 8+9 = 9+(F(F(8))-86)\times 8,
\end{aligned}
$$

$$
\begin{aligned}
87360 &= (F(F(8))-F(7)\times F(3))\times F(6)+0 = 0+F(6)\times(-F(3)\times F(7)+F(F(8)))\\
87361 &= (F(F(8))-F(7)\times F(3))\times F(6)+1 = 1+F(6)\times(-F(3)\times F(7)+F(F(8)))\\
87362 &= (F(F(8))-F(7)\times F(3))\times F(6)+2 = 2+F(6)\times(-F(3)\times F(7)+F(F(8)))\\
87363 &= (F(F(8))-F(7)\times F(3))\times F(6)+3 = 3+F(6)\times(-F(3)\times F(7)+F(F(8)))\\
87364 &= (F(F(8))-F(7)\times F(3))\times F(6)+4 = 4+F(6)\times(-F(3)\times F(7)+F(F(8)))\\
87365 &= (F(F(8))-F(7)\times F(3))\times F(6)+5 = 5+F(6)\times(-F(3)\times F(7)+F(F(8)))\\
87366 &= (F(F(8))-F(7)\times F(3))\times F(6)+6 = 6+F(6)\times(-F(3)\times F(7)+F(F(8)))\\
87367 &= (F(F(8))-F(7)\times F(3))\times F(6)+7 = 7+F(6)\times(-F(3)\times F(7)+F(F(8)))\\
87368 &= (F(F(8))-F(7)\times F(3))\times F(6)+8 = 8+F(6)\times(-F(3)\times F(7)+F(F(8)))\\
87369 &= (F(F(8))-F(7)\times F(3))\times F(6)+9 = 9+F(6)\times(-F(3)\times F(7)+F(F(8))).
\end{aligned}
$$

$$
\begin{aligned}
87480 &= (F(F(8))-7-4)\times 8+0 = 0+(F(F(8))-4-7)\times 8\\
87481 &= (F(F(8))-7-4)\times 8+1 = 1+(F(F(8))-4-7)\times 8\\
87482 &= (F(F(8))-7-4)\times 8+2 = 2+(F(F(8))-4-7)\times 8\\
87483 &= (F(F(8))-7-4)\times 8+3 = 3+(F(F(8))-4-7)\times 8\\
87484 &= (F(F(8))-7-4)\times 8+4 = 4+(F(F(8))-4-7)\times 8\\
87485 &= (F(F(8))-7-4)\times 8+5 = 5+(F(F(8))-4-7)\times 8\\
87486 &= (F(F(8))-7-4)\times 8+6 = 6+(F(F(8))-4-7)\times 8\\
87487 &= (F(F(8))-7-4)\times 8+7 = 7+(F(F(8))-4-7)\times 8\\
87488 &= (F(F(8))-7-4)\times 8+8 = 8+(F(F(8))-4-7)\times 8\\
87489 &= (F(F(8))-7-4)\times 8+9 = 9+(F(F(8))-4-7)\times 8.
\end{aligned}
$$

$$
\begin{aligned}
87560 &= (F(F(8)) - F(7-5)) \times F(6) + 0 = 0 - F(6) + (-5 + F(7)) \times F(F(8)) \\
87561 &= (F(F(8)) - F(7-5)) \times F(6) + 1 = 1 - F(6) + (-5 + F(7)) \times F(F(8)) \\
87562 &= (F(F(8)) - F(7-5)) \times F(6) + 2 = 2 - F(6) + (-5 + F(7)) \times F(F(8)) \\
87563 &= (F(F(8)) - F(7-5)) \times F(6) + 3 = 3 - F(6) + (-5 + F(7)) \times F(F(8)) \\
87564 &= (F(F(8)) - F(7-5)) \times F(6) + 4 = 4 - F(6) + (-5 + F(7)) \times F(F(8)) \\
87565 &= (F(F(8)) - F(7-5)) \times F(6) + 5 = 5 - F(6) + (-5 + F(7)) \times F(F(8)) \\
87566 &= (F(F(8)) - F(7-5)) \times F(6) + 6 = 6 - F(6) + (-5 + F(7)) \times F(F(8)) \\
87567 &= (F(F(8)) - F(7-5)) \times F(6) + 7 = 7 - F(6) + (-5 + F(7)) \times F(F(8)) \\
87568 &= (F(F(8)) - F(7-5)) \times F(6) + 8 = 8 - F(6) + (-5 + F(7)) \times F(F(8)) \\
87569 &= (F(F(8)) - F(7-5)) \times F(6) + 9 = 9 - F(6) + (-5 + F(7)) \times F(F(8)).
\end{aligned}
$$

$$
\begin{aligned}
87640 &= 8 \times (7 + F(F(F(6))) + F(F(4))) + 0 = 0 + (-4 + F(F(F(6))) + F(7)) \times 8 \\
87641 &= 8 \times (7 + F(F(F(6))) + F(F(4))) + 1 = 1 + (-4 + F(F(F(6))) + F(7)) \times 8 \\
87642 &= 8 \times (7 + F(F(F(6))) + F(F(4))) + 2 = 2 + (-4 + F(F(F(6))) + F(7)) \times 8 \\
87643 &= 8 \times (7 + F(F(F(6))) + F(F(4))) + 3 = 3 + (-4 + F(F(F(6))) + F(7)) \times 8 \\
87644 &= 8 \times (7 + F(F(F(6))) + F(F(4))) + 4 = 4 + (-4 + F(F(F(6))) + F(7)) \times 8 \\
87645 &= 8 \times (7 + F(F(F(6))) + F(F(4))) + 5 = 5 + (-4 + F(F(F(6))) + F(7)) \times 8 \\
87646 &= 8 \times (7 + F(F(F(6))) + F(F(4))) + 6 = 6 + (-4 + F(F(F(6))) + F(7)) \times 8 \\
87647 &= 8 \times (7 + F(F(F(6))) + F(F(4))) + 7 = 7 + (-4 + F(F(F(6))) + F(7)) \times 8 \\
87648 &= 8 \times (7 + F(F(F(6))) + F(F(4))) + 8 = 8 + (-4 + F(F(F(6))) + F(7)) \times 8 \\
87649 &= 8 \times (7 + F(F(F(6))) + F(F(4))) + 9 = 9 + (-4 + F(F(F(6))) + F(7)) \times 8.
\end{aligned}
$$

$$
\begin{aligned}
87680 &= (F(F(8)) - 7 + F(F(6))) \times 8 + 0 = 0 + (F(F(8)) + F(F(6)) - 7) \times 8 \\
87681 &= (F(F(8)) - 7 + F(F(6))) \times 8 + 1 = 1 + (F(F(8)) + F(F(6)) - 7) \times 8 \\
87682 &= (F(F(8)) - 7 + F(F(6))) \times 8 + 2 = 2 + (F(F(8)) + F(F(6)) - 7) \times 8 \\
87683 &= (F(F(8)) - 7 + F(F(6))) \times 8 + 3 = 3 + (F(F(8)) + F(F(6)) - 7) \times 8 \\
87684 &= (F(F(8)) - 7 + F(F(6))) \times 8 + 4 = 4 + (F(F(8)) + F(F(6)) - 7) \times 8 \\
87685 &= (F(F(8)) - 7 + F(F(6))) \times 8 + 5 = 5 + (F(F(8)) + F(F(6)) - 7) \times 8 \\
87686 &= (F(F(8)) - 7 + F(F(6))) \times 8 + 6 = 6 + (F(F(8)) + F(F(6)) - 7) \times 8 \\
87687 &= (F(F(8)) - 7 + F(F(6))) \times 8 + 7 = 7 + (F(F(8)) + F(F(6)) - 7) \times 8 \\
87688 &= (F(F(8)) - 7 + F(F(6))) \times 8 + 8 = 8 + (F(F(8)) + F(F(6)) - 7) \times 8 \\
87689 &= (F(F(8)) - 7 + F(F(6))) \times 8 + 9 = 9 + (F(F(8)) + F(F(6)) - 7) \times 8.
\end{aligned}
$$

$$
\begin{aligned}
88450 &= (-F(8) + F(F(8) + F(F(F(F(4))))) \times 5 + 0 = 0 + 5 \times (F((F(F(F(4))) + F(8))) - F(8)) \\
88451 &= (-F(8) + F(F(8) + F(F(F(F(4))))) \times 5 + 1 = 1 + 5 \times (F((F(F(F(4))) + F(8))) - F(8)) \\
88452 &= (-F(8) + F(F(8) + F(F(F(F(4))))) \times 5 + 2 = 2 + 5 \times (F((F(F(F(4))) + F(8))) - F(8)) \\
88453 &= (-F(8) + F(F(8) + F(F(F(F(4))))) \times 5 + 3 = 3 + 5 \times (F((F(F(F(4))) + F(8))) - F(8)) \\
88454 &= (-F(8) + F(F(8) + F(F(F(F(4))))) \times 5 + 4 = 4 + 5 \times (F((F(F(F(4))) + F(8))) - F(8)) \\
88455 &= (-F(8) + F(F(8) + F(F(F(F(4))))) \times 5 + 5 = 5 + 5 \times (F((F(F(F(4))) + F(8))) - F(8)) \\
88456 &= (-F(8) + F(F(8) + F(F(F(F(4))))) \times 5 + 6 = 6 + 5 \times (F((F(F(F(4))) + F(8))) - F(8)) \\
88457 &= (-F(8) + F(F(8) + F(F(F(F(4))))) \times 5 + 7 = 7 + 5 \times (F((F(F(F(4))) + F(8))) - F(8)) \\
88458 &= (-F(8) + F(F(8) + F(F(F(F(4))))) \times 5 + 8 = 8 + 5 \times (F((F(F(F(4))) + F(8))) - F(8)) \\
88459 &= (-F(8) + F(F(8) + F(F(F(F(4))))) \times 5 + 9 = 9 + 5 \times (F((F(F(F(4))) + F(8))) - F(8)).
\end{aligned}
$$

$$88720 = 8 \times (F(F(8)) + F(F(7) - F(2))) + 0 = 0 + (F(-F(2) + F(7)) + F(F(8))) \times 8$$
$$88721 = 8 \times (F(F(8)) + F(F(7) - F(2))) + 1 = 1 + (F(-F(2) + F(7)) + F(F(8))) \times 8$$
$$88722 = 8 \times (F(F(8)) + F(F(7) - F(2))) + 2 = 2 + (F(-F(2) + F(7)) + F(F(8))) \times 8$$
$$88723 = 8 \times (F(F(8)) + F(F(7) - F(2))) + 3 = 3 + (F(-F(2) + F(7)) + F(F(8))) \times 8$$
$$88724 = 8 \times (F(F(8)) + F(F(7) - F(2))) + 4 = 4 + (F(-F(2) + F(7)) + F(F(8))) \times 8$$
$$88725 = 8 \times (F(F(8)) + F(F(7) - F(2))) + 5 = 5 + (F(-F(2) + F(7)) + F(F(8))) \times 8$$
$$88726 = 8 \times (F(F(8)) + F(F(7) - F(2))) + 6 = 6 + (F(-F(2) + F(7)) + F(F(8))) \times 8$$
$$88727 = 8 \times (F(F(8)) + F(F(7) - F(2))) + 7 = 7 + (F(-F(2) + F(7)) + F(F(8))) \times 8$$
$$88728 = 8 \times (F(F(8)) + F(F(7) - F(2))) + 8 = 8 + (F(-F(2) + F(7)) + F(F(8))) \times 8$$
$$88729 = 8 \times (F(F(8)) + F(F(7) - F(2))) + 9 = 9 + (F(-F(2) + F(7)) + F(F(8))) \times 8.$$

$$89670 = F(8) \times F(9 + 6) \times 7 + 0 = 0 + 7 \times F(6 + 9) \times F(8)$$
$$89671 = F(8) \times F(9 + 6) \times 7 + 1 = 1 + 7 \times F(6 + 9) \times F(8)$$
$$89672 = F(8) \times F(9 + 6) \times 7 + 2 = 2 + 7 \times F(6 + 9) \times F(8)$$
$$89673 = F(8) \times F(9 + 6) \times 7 + 3 = 3 + 7 \times F(6 + 9) \times F(8)$$
$$89674 = F(8) \times F(9 + 6) \times 7 + 4 = 4 + 7 \times F(6 + 9) \times F(8)$$
$$89675 = F(8) \times F(9 + 6) \times 7 + 5 = 5 + 7 \times F(6 + 9) \times F(8)$$
$$89676 = F(8) \times F(9 + 6) \times 7 + 6 = 6 + 7 \times F(6 + 9) \times F(8)$$
$$89677 = F(8) \times F(9 + 6) \times 7 + 7 = 7 + 7 \times F(6 + 9) \times F(8)$$
$$89678 = F(8) \times F(9 + 6) \times 7 + 8 = 8 + 7 \times F(6 + 9) \times F(8)$$
$$89679 = F(8) \times F(9 + 6) \times 7 + 9 = 9 + 7 \times F(6 + 9) \times F(8).$$

$$98370 = 9 \times (F(F(8)) - 3 - F(7)) + 0 = 0 + (-F(7) - 3 + F(F(8))) \times 9$$
$$98371 = 9 \times (F(F(8)) - 3 - F(7)) + 1 = 1 + (-F(7) - 3 + F(F(8))) \times 9$$
$$98372 = 9 \times (F(F(8)) - 3 - F(7)) + 2 = 2 + (-F(7) - 3 + F(F(8))) \times 9$$
$$98373 = 9 \times (F(F(8)) - 3 - F(7)) + 3 = 3 + (-F(7) - 3 + F(F(8))) \times 9$$
$$98374 = 9 \times (F(F(8)) - 3 - F(7)) + 4 = 4 + (-F(7) - 3 + F(F(8))) \times 9$$
$$98375 = 9 \times (F(F(8)) - 3 - F(7)) + 5 = 5 + (-F(7) - 3 + F(F(8))) \times 9$$
$$98376 = 9 \times (F(F(8)) - 3 - F(7)) + 6 = 6 + (-F(7) - 3 + F(F(8))) \times 9$$
$$98377 = 9 \times (F(F(8)) - 3 - F(7)) + 7 = 7 + (-F(7) - 3 + F(F(8))) \times 9$$
$$98378 = 9 \times (F(F(8)) - 3 - F(7)) + 8 = 8 + (-F(7) - 3 + F(F(8))) \times 9$$
$$98379 = 9 \times (F(F(8)) - 3 - F(7)) + 9 = 9 + (-F(7) - 3 + F(F(8))) \times 9.$$

$$98460 = 9 \times (F(F(8)) + F(F(4)) - F(6)) + 0 = 0 + (-F(6) + F(F(4)) + F(F(8))) \times 9$$
$$98461 = 9 \times (F(F(8)) + F(F(4)) - F(6)) + 1 = 1 + (-F(6) + F(F(4)) + F(F(8))) \times 9$$
$$98462 = 9 \times (F(F(8)) + F(F(4)) - F(6)) + 2 = 2 + (-F(6) + F(F(4)) + F(F(8))) \times 9$$
$$98463 = 9 \times (F(F(8)) + F(F(4)) - F(6)) + 3 = 3 + (-F(6) + F(F(4)) + F(F(8))) \times 9$$
$$98464 = 9 \times (F(F(8)) + F(F(4)) - F(6)) + 4 = 4 + (-F(6) + F(F(4)) + F(F(8))) \times 9$$
$$98465 = 9 \times (F(F(8)) + F(F(4)) - F(6)) + 5 = 5 + (-F(6) + F(F(4)) + F(F(8))) \times 9$$
$$98466 = 9 \times (F(F(8)) + F(F(4)) - F(6)) + 6 = 6 + (-F(6) + F(F(4)) + F(F(8))) \times 9$$
$$98467 = 9 \times (F(F(8)) + F(F(4)) - F(6)) + 7 = 7 + (-F(6) + F(F(4)) + F(F(8))) \times 9$$
$$98468 = 9 \times (F(F(8)) + F(F(4)) - F(6)) + 8 = 8 + (-F(6) + F(F(4)) + F(F(8))) \times 9$$
$$98469 = 9 \times (F(F(8)) + F(F(4)) - F(6)) + 9 = 9 + (-F(6) + F(F(4)) + F(F(8))) \times 9.$$

$$98510 = 9 \times F(F(8)) - 5 + 1 + 0 = 0 + 1 - 5 + F(F(8)) \times 9$$
$$98511 = 9 \times F(F(8)) - 5 + 1 + 1 = 1 + 1 - 5 + F(F(8)) \times 9$$
$$98512 = 9 \times F(F(8)) - 5 + 1 + 2 = 2 + 1 - 5 + F(F(8)) \times 9$$
$$98513 = 9 \times F(F(8)) - 5 + 1 + 3 = 3 + 1 - 5 + F(F(8)) \times 9$$
$$98514 = 9 \times F(F(8)) - 5 + 1 + 4 = 4 + 1 - 5 + F(F(8)) \times 9$$
$$98515 = 9 \times F(F(8)) - 5 + 1 + 5 = 5 + 1 - 5 + F(F(8)) \times 9$$
$$98516 = 9 \times F(F(8)) - 5 + 1 + 6 = 6 + 1 - 5 + F(F(8)) \times 9$$
$$98517 = 9 \times F(F(8)) - 5 + 1 + 7 = 7 + 1 - 5 + F(F(8)) \times 9$$
$$98518 = 9 \times F(F(8)) - 5 + 1 + 8 = 8 + 1 - 5 + F(F(8)) \times 9$$
$$98519 = 9 \times F(F(8)) - 5 + 1 + 9 = 9 + 1 - 5 + F(F(8)) \times 9.$$

$$98580 = 9 \times (F(F(8)) + 5) + F(8) + 0 = 0 + F(8) + (5 + F(F(8))) \times 9$$
$$98581 = 9 \times (F(F(8)) + 5) + F(8) + 1 = 1 + F(8) + (5 + F(F(8))) \times 9$$
$$98582 = 9 \times (F(F(8)) + 5) + F(8) + 2 = 2 + F(8) + (5 + F(F(8))) \times 9$$
$$98583 = 9 \times (F(F(8)) + 5) + F(8) + 3 = 3 + F(8) + (5 + F(F(8))) \times 9$$
$$98584 = 9 \times (F(F(8)) + 5) + F(8) + 4 = 4 + F(8) + (5 + F(F(8))) \times 9$$
$$98585 = 9 \times (F(F(8)) + 5) + F(8) + 5 = 5 + F(8) + (5 + F(F(8))) \times 9$$
$$98586 = 9 \times (F(F(8)) + 5) + F(8) + 6 = 6 + F(8) + (5 + F(F(8))) \times 9$$
$$98587 = 9 \times (F(F(8)) + 5) + F(8) + 7 = 7 + F(8) + (5 + F(F(8))) \times 9$$
$$98588 = 9 \times (F(F(8)) + 5) + F(8) + 8 = 8 + F(8) + (5 + F(F(8))) \times 9$$
$$98589 = 9 \times (F(F(8)) + 5) + F(8) + 9 = 9 + F(8) + (5 + F(F(8))) \times 9.$$

$$98820 = (F(9) + F(F(8))) \times (8 + F(2)) + 0 = 0 + (F(F(2) + 8) + F(F(8))) \times 9$$
$$98821 = (F(9) + F(F(8))) \times (8 + F(2)) + 1 = 1 + (F(F(2) + 8) + F(F(8))) \times 9$$
$$98822 = (F(9) + F(F(8))) \times (8 + F(2)) + 2 = 2 + (F(F(2) + 8) + F(F(8))) \times 9$$
$$98823 = (F(9) + F(F(8))) \times (8 + F(2)) + 3 = 3 + (F(F(2) + 8) + F(F(8))) \times 9$$
$$98824 = (F(9) + F(F(8))) \times (8 + F(2)) + 4 = 4 + (F(F(2) + 8) + F(F(8))) \times 9$$
$$98825 = (F(9) + F(F(8))) \times (8 + F(2)) + 5 = 5 + (F(F(2) + 8) + F(F(8))) \times 9$$
$$98826 = (F(9) + F(F(8))) \times (8 + F(2)) + 6 = 6 + (F(F(2) + 8) + F(F(8))) \times 9$$
$$98827 = (F(9) + F(F(8))) \times (8 + F(2)) + 7 = 7 + (F(F(2) + 8) + F(F(8))) \times 9$$
$$98828 = (F(9) + F(F(8))) \times (8 + F(2)) + 8 = 8 + (F(F(2) + 8) + F(F(8))) \times 9$$
$$98829 = (F(9) + F(F(8))) \times (8 + F(2)) + 9 = 9 + (F(F(2) + 8) + F(F(8))) \times 9.$$

3.2 Symmetric Representations in Digit's Order

Below are examples of numbers written in digit's order:

$$16420 = 1 + F(F(F(6))) \times F(4)/2 + 0$$
$$16421 = 1 + F(F(F(6))) \times F(4)/2 + 1$$
$$16422 = 1 + F(F(F(6))) \times F(4)/2 + 2$$
$$16423 = 1 + F(F(F(6))) \times F(4)/2 + 3$$
$$16424 = 1 + F(F(F(6))) \times F(4)/2 + 4$$
$$16425 = 1 + F(F(F(6))) \times F(4)/2 + 5$$
$$16426 = 1 + F(F(F(6))) \times F(4)/2 + 6$$
$$16427 = 1 + F(F(F(6))) \times F(4)/2 + 7$$
$$16428 = 1 + F(F(F(6))) \times F(4)/2 + 8$$
$$16429 = 1 + F(F(F(6))) \times F(4)/2 + 9.$$

$$26470 = F(2 + F(F(6))) - F(4)^7 + 0$$
$$26471 = F(2 + F(F(6))) - F(4)^7 + 1$$
$$26472 = F(2 + F(F(6))) - F(4)^7 + 2$$
$$26473 = F(2 + F(F(6))) - F(4)^7 + 3$$
$$26474 = F(2 + F(F(6))) - F(4)^7 + 4$$
$$26475 = F(2 + F(F(6))) - F(4)^7 + 5$$
$$26476 = F(2 + F(F(6))) - F(4)^7 + 6$$
$$26477 = F(2 + F(F(6))) - F(4)^7 + 7$$
$$26478 = F(2 + F(F(6))) - F(4)^7 + 8$$
$$26479 = F(2 + F(F(6))) - F(4)^7 + 9.$$

$27450 = F(2 + F(7)) \times 45 + 0$
$27451 = F(2 + F(7)) \times 45 + 1$
$27452 = F(2 + F(7)) \times 45 + 2$
$27453 = F(2 + F(7)) \times 45 + 3$
$27454 = F(2 + F(7)) \times 45 + 4$
$27455 = F(2 + F(7)) \times 45 + 5$
$27456 = F(2 + F(7)) \times 45 + 6$
$27457 = F(2 + F(7)) \times 45 + 7$
$27458 = F(2 + F(7)) \times 45 + 8$
$27459 = F(2 + F(7)) \times 45 + 9.$

$45750 = F(F(4) \times 5) \times 75 + 0$
$45751 = F(F(4) \times 5) \times 75 + 1$
$45752 = F(F(4) \times 5) \times 75 + 2$
$45753 = F(F(4) \times 5) \times 75 + 3$
$45754 = F(F(4) \times 5) \times 75 + 4$
$45755 = F(F(4) \times 5) \times 75 + 5$
$45756 = F(F(4) \times 5) \times 75 + 6$
$45757 = F(F(4) \times 5) \times 75 + 7$
$45758 = F(F(4) \times 5) \times 75 + 8$
$45759 = F(F(4) \times 5) \times 75 + 9.$

$28730 = F(2 + F(8)) + 73 + 0$
$28731 = F(2 + F(8)) + 73 + 1$
$28732 = F(2 + F(8)) + 73 + 2$
$28733 = F(2 + F(8)) + 73 + 3$
$28734 = F(2 + F(8)) + 73 + 4$
$28735 = F(2 + F(8)) + 73 + 5$
$28736 = F(2 + F(8)) + 73 + 6$
$28737 = F(2 + F(8)) + 73 + 7$
$28738 = F(2 + F(8)) + 73 + 8$
$28739 = F(2 + F(8)) + 73 + 9.$

$54900 = F(5 \times F(4)) \times 90 + 0$
$54901 = F(5 \times F(4)) \times 90 + 1$
$54902 = F(5 \times F(4)) \times 90 + 2$
$54903 = F(5 \times F(4)) \times 90 + 3$
$54904 = F(5 \times F(4)) \times 90 + 4$
$54905 = F(5 \times F(4)) \times 90 + 5$
$54906 = F(5 \times F(4)) \times 90 + 6$
$54907 = F(5 \times F(4)) \times 90 + 7$
$54908 = F(5 \times F(4)) \times 90 + 8$
$54909 = F(5 \times F(4)) \times 90 + 9.$

$43460 = 4 \times (-3^4 + F(F(F(6)))) + 0$
$43461 = 4 \times (-3^4 + F(F(F(6)))) + 1$
$43462 = 4 \times (-3^4 + F(F(F(6)))) + 2$
$43463 = 4 \times (-3^4 + F(F(F(6)))) + 3$
$43464 = 4 \times (-3^4 + F(F(F(6)))) + 4$
$43465 = 4 \times (-3^4 + F(F(F(6)))) + 5$
$43466 = 4 \times (-3^4 + F(F(F(6)))) + 6$
$43467 = 4 \times (-3^4 + F(F(F(6)))) + 7$
$43468 = 4 \times (-3^4 + F(F(F(6)))) + 8$
$43469 = 4 \times (-3^4 + F(F(F(6)))) + 9.$

$86920 = 8 \times (F(F(F(6))) - 9^2) + 0$
$86921 = 8 \times (F(F(F(6))) - 9^2) + 1$
$86922 = 8 \times (F(F(F(6))) - 9^2) + 2$
$86923 = 8 \times (F(F(F(6))) - 9^2) + 3$
$86924 = 8 \times (F(F(F(6))) - 9^2) + 4$
$86925 = 8 \times (F(F(F(6))) - 9^2) + 5$
$86926 = 8 \times (F(F(F(6))) - 9^2) + 6$
$86927 = 8 \times (F(F(F(6))) - 9^2) + 7$
$86928 = 8 \times (F(F(F(6))) - 9^2) + 8$
$86929 = 8 \times (F(F(F(6))) - 9^2) + 9.$

3.3 Symmetric Representations in Reverse Order of Digits

Below are examples of numbers written in reverse order of digits:

$17640 = 0 + F(F(F(F(4))) + F(F(6))) - 71$
$17641 = 1 + F(F(F(F(4))) + F(F(6))) - 71$
$17642 = 2 + F(F(F(F(4))) + F(F(6))) - 71$
$17643 = 3 + F(F(F(F(4))) + F(F(6))) - 71$
$17644 = 4 + F(F(F(F(4))) + F(F(6))) - 71$
$17645 = 5 + F(F(F(F(4))) + F(F(6))) - 71$
$17646 = 6 + F(F(F(F(4))) + F(F(6))) - 71$
$17647 = 7 + F(F(F(F(4))) + F(F(6))) - 71$
$17648 = 8 + F(F(F(F(4))) + F(F(6))) - 71$
$17649 = 9 + F(F(F(F(4))) + F(F(6))) - 71.$

$20970 = 0 + F(F(7)) \times 90 \times F(2)$
$20971 = 1 + F(F(7)) \times 90 \times F(2)$
$20972 = 2 + F(F(7)) \times 90 \times F(2)$
$20973 = 3 + F(F(7)) \times 90 \times F(2)$
$20974 = 4 + F(F(7)) \times 90 \times F(2)$
$20975 = 5 + F(F(7)) \times 90 \times F(2)$
$20976 = 6 + F(F(7)) \times 90 \times F(2)$
$20977 = 7 + F(F(7)) \times 90 \times F(2)$
$20978 = 8 + F(F(7)) \times 90 \times F(2)$
$20979 = 9 + F(F(7)) \times 90 \times F(2).$

$$22180 = 0 + (F(F(8)) + F(12)) \times 2$$
$$22181 = 1 + (F(F(8)) + F(12)) \times 2$$
$$22182 = 2 + (F(F(8)) + F(12)) \times 2$$
$$22183 = 3 + (F(F(8)) + F(12)) \times 2$$
$$22184 = 4 + (F(F(8)) + F(12)) \times 2$$
$$22185 = 5 + (F(F(8)) + F(12)) \times 2$$
$$22186 = 6 + (F(F(8)) + F(12)) \times 2$$
$$22187 = 7 + (F(F(8)) + F(12)) \times 2$$
$$22188 = 8 + (F(F(8)) + F(12)) \times 2$$
$$22189 = 9 + (F(F(8)) + F(12)) \times 2.$$

$$39770 = 0 + F(F(7)) + F(F(7)) + F(9)^3$$
$$39771 = 1 + F(F(7)) + F(F(7)) + F(9)^3$$
$$39772 = 2 + F(F(7)) + F(F(7)) + F(9)^3$$
$$39773 = 3 + F(F(7)) + F(F(7)) + F(9)^3$$
$$39774 = 4 + F(F(7)) + F(F(7)) + F(9)^3$$
$$39775 = 5 + F(F(7)) + F(F(7)) + F(9)^3$$
$$39776 = 6 + F(F(7)) + F(F(7)) + F(9)^3$$
$$39777 = 7 + F(F(7)) + F(F(7)) + F(9)^3$$
$$39778 = 8 + F(F(7)) + F(F(7)) + F(9)^3$$
$$39779 = 9 + F(F(7)) + F(F(7)) + F(9)^3.$$

4 Symmetric Representations in terms of F(2), F(3) and F(4)

In the previous section, we gave symmetric numbers as blocks of 10. Since, F(2)=1, F(3)=2 and F(4)=3, still we can have symmetric numbers as blocks of 3. Similar to previous section, here also we have symmetric numbers in order of digits and its reverse. There are numbers those can be written in both the ways. The work is limited up to 5 digits. These are given in subsections below.

4.1 Symmetric Representations in Both Ways

Below are symmetric numbers in F(2), F(3) and F(4) in both ways, i.e., in digit's order and its reverse.

$$4182 = F(-F(4) + 1 + F(8)) + F(2) = F(2) + F(F(8) + 1 - F(4))$$
$$4183 = F(-F(4) + 1 + F(8)) + F(3) = F(3) + F(F(8) + 1 - F(4))$$
$$4184 = F(-F(4) + 1 + F(8)) + F(4) = F(4) + F(F(8) + 1 - F(4)).$$

$$10952 = F(F(10) - F(9)) + 5 + F(2) = F(2) + 5 + F(F(9 - 01))$$
$$10953 = F(F(10) - F(9)) + 5 + F(3) = F(3) + 5 + F(F(9 - 01))$$
$$10954 = F(F(10) - F(9)) + 5 + F(4) = F(4) + 5 + F(F(9 - 01)).$$

$$10982 = 1 + F(09) + F(F(8)) + F(2) = F(2) + F(F(8)) + F(9) + 01$$
$$10983 = 1 + F(09) + F(F(8)) + F(3) = F(3) + F(F(8)) + F(9) + 01$$
$$10984 = 1 + F(09) + F(F(8)) + F(4) = F(4) + F(F(8)) + F(9) + 01.$$

$$28762 = F(2 + F(8)) + F(7) \times F(6) + F(2) = F(2) + F(6) \times F(7) + F(F(8) + 2)$$
$$28763 = F(2 + F(8)) + F(7) \times F(6) + F(3) = F(3) + F(6) \times F(7) + F(F(8) + 2)$$
$$28764 = F(2 + F(8)) + F(7) \times F(6) + F(4) = F(4) + F(6) \times F(7) + F(F(8) + 2).$$

$$32872 = 3 \times (-2 + F(F(8)) + F(7)) + F(2) = F(2) + (F(7) + F(F(8)) - 2) \times 3$$
$$32873 = 3 \times (-2 + F(F(8)) + F(7)) + F(3) = F(3) + (F(7) + F(F(8)) - 2) \times 3$$
$$32874 = 3 \times (-2 + F(F(8)) + F(7)) + F(4) = F(4) + (F(7) + F(F(8)) - 2) \times 3.$$

$$65592 = F(F(6)) \times 5^5 - F(9) + F(2) = F(2) - F(9) + 5^5 \times F(F(6))$$
$$65593 = F(F(6)) \times 5^5 - F(9) + F(3) = F(3) - F(9) + 5^5 \times F(F(6))$$
$$65594 = F(F(6)) \times 5^5 - F(9) + F(4) = F(4) - F(9) + 5^5 \times F(F(6)).$$

$$65652 = F(F(F(6))) + 5 \times (F(F(F(6))) - 5) + F(2) = F(2) + (-5 + F(F(F(6)))) \times 5 + F(F(F(6)))$$
$$65653 = F(F(F(6))) + 5 \times (F(F(F(6))) - 5) + F(3) = F(3) + (-5 + F(F(F(6)))) \times 5 + F(F(F(6)))$$
$$65654 = F(F(F(6))) + 5 \times (F(F(F(6))) - 5) + F(4) = F(4) + (-5 + F(F(F(6)))) \times 5 + F(F(F(6))).$$

$$65672 = -F(F(F(6))) - 5 + F(F(F(6))) \times 7 + F(2) = F(2) + 7 \times F(F(F(6))) - 5 - F(F(F(6)))$$
$$65673 = -F(F(F(6))) - 5 + F(F(F(6))) \times 7 + F(3) = F(3) + 7 \times F(F(F(6))) - 5 - F(F(F(6)))$$
$$65674 = -F(F(F(6))) - 5 + F(F(F(6))) \times 7 + F(4) = F(4) + 7 \times F(F(F(6))) - 5 - F(F(F(6))).$$

$$74992 = F(F(7) + F(4) + 9) - F(9) + F(2) = F(2) - F(9) + F(9 + F(4) + F(7))$$
$$74993 = F(F(7) + F(4) + 9) - F(9) + F(3) = F(3) - F(9) + F(9 + F(4) + F(7))$$
$$74994 = F(F(7) + F(4) + 9) - F(9) + F(4) = F(4) - F(9) + F(9 + F(4) + F(7)).$$

$$75272 = F(7) + F(5^2) + F(F(7)) + F(2) = F(2) + F(F(7)) + F(25) + F(7)$$
$$75273 = F(7) + F(5^2) + F(F(7)) + F(3) = F(3) + F(F(7)) + F(25) + F(7)$$
$$75274 = F(7) + F(5^2) + F(F(7)) + F(4) = F(4) + F(F(7)) + F(25) + F(7).$$

$$76392 = 7 \times (F(F(F(6))) + F(F(3)) - F(9)) + F(2) = F(2) + (-F(9) + F(F(3)) + F(F(F(6)))) \times 7$$
$$76393 = 7 \times (F(F(F(6))) + F(F(3)) - F(9)) + F(3) = F(3) + (-F(9) + F(F(3)) + F(F(F(6)))) \times 7$$
$$76394 = 7 \times (F(F(F(6))) + F(F(3)) - F(9)) + F(4) = F(4) + (-F(9) + F(F(3)) + F(F(F(6)))) \times 7.$$

$$76462 = 7 \times (-F(F(6)) - F(F(4)) + F(F(F(6)))) + F(2) = F(2) + (F(F(F(6))) - F(F(4)) - F(F(6))) \times 7$$
$$76463 = 7 \times (-F(F(6)) - F(F(4)) + F(F(F(6)))) + F(3) = F(3) + (F(F(F(6))) - F(F(4)) - F(F(6))) \times 7$$
$$76464 = 7 \times (-F(F(6)) - F(F(4)) + F(F(F(6)))) + F(4) = F(4) + (F(F(F(6))) - F(F(4)) - F(F(6))) \times 7.$$

$$76532 = 7 \times (F(F(F(6))) - F(5 + F(3))) + F(2) = F(2) + (-F(F(3) + 5) + F(F(F(6)))) \times 7$$
$$76533 = 7 \times (F(F(F(6))) - F(5 + F(3))) + F(3) = F(3) + (-F(F(3) + 5) + F(F(F(6)))) \times 7$$
$$76534 = 7 \times (F(F(F(6))) - F(5 + F(3))) + F(4) = F(4) + (-F(F(3) + 5) + F(F(F(6)))) \times 7.$$

$$76672 = (7 + F(F(F(6)))) \times (-6 + F(7)) + F(2) = F(2) + (7 + F(F(F(6)))) \times (-6 + F(7))$$
$$76673 = (7 + F(F(F(6)))) \times (-6 + F(7)) + F(3) = F(3) + (7 + F(F(F(6)))) \times (-6 + F(7))$$
$$76674 = (7 + F(F(F(6)))) \times (-6 + F(7)) + F(4) = F(4) + (7 + F(F(F(6)))) \times (-6 + F(7)).$$

$$76742 = 7 \times (F(F(F(6))) + F(7) + 4) + F(2) = F(2) + (4 + F(7) + F(F(F(6)))) \times 7$$
$$76743 = 7 \times (F(F(F(6))) + F(7) + 4) + F(3) = F(3) + (4 + F(7) + F(F(F(6)))) \times 7$$
$$76744 = 7 \times (F(F(F(6))) + F(7) + 4) + F(4) = F(4) + (4 + F(7) + F(F(F(6)))) \times 7.$$

$$86582 = F(F(8)) \times F(6) - F(-5 + F(8)) + F(2) = F(2) - F(F(8) - 5) + F(6) \times F(F(8))$$
$$86583 = F(F(8)) \times F(6) - F(-5 + F(8)) + F(3) = F(3) - F(F(8) - 5) + F(6) \times F(F(8))$$
$$86584 = F(F(8)) \times F(6) - F(-5 + F(8)) + F(4) = F(4) - F(F(8) - 5) + F(6) \times F(F(8)).$$

$$98282 = 9 \times F(F(8)) - F(F(-F(2) + 8)) + F(2) = F(2) - F(F(8 - F(2))) + F(F(8)) \times 9$$
$$98283 = 9 \times F(F(8)) - F(F(-F(2) + 8)) + F(3) = F(3) - F(F(8 - F(2))) + F(F(8)) \times 9$$
$$98284 = 9 \times F(F(8)) - F(F(-F(2) + 8)) + F(4) = F(4) - F(F(8 - F(2))) + F(F(8)) \times 9.$$

$$98452 = 9 \times (F(F(8)) - F(F(4)) - 5) + F(2) = F(2) + (-5 - F(F(4)) + F(F(8))) \times 9$$
$$98453 = 9 \times (F(F(8)) - F(F(4)) - 5) + F(3) = F(3) + (-5 - F(F(4)) + F(F(8))) \times 9$$
$$98454 = 9 \times (F(F(8)) - F(F(4)) - 5) + F(4) = F(4) + (-5 - F(F(4)) + F(F(8))) \times 9.$$

$$98542 = 9 \times (F(F(8)) + 5 - F(F(4))) + F(2) = F(2) + (-F(F(4)) + 5 + F(F(8))) \times 9$$
$$98543 = 9 \times (F(F(8)) + 5 - F(F(4))) + F(3) = F(3) + (-F(F(4)) + 5 + F(F(8))) \times 9$$
$$98544 = 9 \times (F(F(8)) + 5 - F(F(4))) + F(4) = F(4) + (-F(F(4)) + 5 + F(F(8))) \times 9.$$

$$98632 = 9 \times (F(F(8)) + F(F(6) - F(F(3)))) + F(2) = F(2) + (F(F(F(3)) + 6) + F(F(8))) \times 9$$
$$98633 = 9 \times (F(F(8)) + F(F(6) - F(F(3)))) + F(3) = F(3) + (F(F(F(3)) + 6) + F(F(8))) \times 9$$
$$98634 = 9 \times (F(F(8)) + F(F(6) - F(F(3)))) + F(4) = F(4) + (F(F(F(3)) + 6) + F(F(8))) \times 9.$$

4.2 Symmetric Representations in Digit's Order

Below are symmetric numbers in F(2), F(3) and F(4) in digit's order.

$$52442 = (F(F(5+2))-4)^{F(F(4))} + F(2)$$
$$52443 = (F(F(5+2))-4)^{F(F(4))} + F(3)$$
$$52444 = (F(F(5+2))-4)^{F(F(4))} + F(4).$$

$$76692 = 7 \times F(F(F(6))) + 69 + F(2)$$
$$76693 = 7 \times F(F(F(6))) + 69 + F(3)$$
$$76694 = 7 \times F(F(F(6))) + 69 + F(4).$$

$$98572 = 9 \times F(F(8)) + 57 + F(2)$$
$$98573 = 9 \times F(F(8)) + 57 + F(3)$$
$$98574 = 9 \times F(F(8)) + 57 + F(4).$$

4.3 Symmetric Representations in Reverse Order of Digits

Below are symmetric numbers in F(2), F(3) and F(4) in reverse order of digits.

$$39072 = F(2) - F(F(7)) + F(09)^3$$
$$39073 = F(3) - F(F(7)) + F(09)^3$$
$$39074 = F(4) - F(F(7)) + F(09)^3.$$

$$58912 = F(2) + F(19) + F(F(8)) \times 5$$
$$58913 = F(3) + F(19) + F(F(8)) \times 5$$
$$58914 = F(4) + F(19) + F(F(8)) \times 5.$$

$$65642 = F(2) + 4^{F(6)} + 5 \times F(F(6))$$
$$65643 = F(3) + 4^{F(6)} + 5 \times F(F(6))$$
$$65644 = F(4) + 4^{F(6)} + 5 \times F(F(6)).$$

$$67362 = F(2) - F(F(6))^3 + 7 \times F(F(F(6)))$$
$$67363 = F(3) - F(F(6))^3 + 7 \times F(F(F(6)))$$
$$67364 = F(4) - F(F(6))^3 + 7 \times F(F(F(6))).$$

5 Symmetric Representations in F(F(3)) and F(F(4))

In the previous section, we gave symmetric numbers in terms of F(2), F(3) and F(4). Since F(F(3)=1 and F(F(4))=2, here also we have symmetric numbers in order of digits and its reverse. There are numbers those can be written in both the ways. The work is limited up to 5 digits. These are given in subsections below.

5.1 Symmetric Representations in Both Ways

Below are symmetric numbers in F(F(3)) and F(F(4)) in both ways, i.e., in digit's order and its reverse.

$$7923 = F(F(7)) \times F(9) \times F(2) + F(F(3)) = F(F(3)) + F(2) \times F(9) \times F(F(7))$$
$$7924 = F(F(7)) \times F(9) \times F(2) + F(F(4)) = F(F(4)) + F(2) \times F(9) \times F(F(7)).$$

$$8363 = F(F(8)) - F(3 \times 6) + F(F(3)) = F(F(3)) - F(6 \times 3) + F(F(8))$$
$$8364 = F(F(8)) - F(3 \times 6) + F(F(4)) = F(F(4)) - F(6 \times 3) + F(F(8))$$

$$10943 = F(F(-1+09)) - 4 + F(F(3)) = F(F(3)) - 4 + F(F(9-01))$$
$$10944 = F(F(-1+09)) - 4 + F(F(4)) = F(F(4)) - 4 + F(F(9-01)).$$

$$21963 = 2 \times (1 + F(9) + F(F(F(6)))) + F(F(3)) = F(F(3)) + (F(F(F(6))) + F(9) + 1) \times 2$$
$$21964 = 2 \times (1 + F(9) + F(F(F(6)))) + F(F(4)) = F(F(4)) + (F(F(F(6))) + F(9) + 1) \times 2.$$

$$32863 = 3 \times F(2) \times (F(F(8)) + F(6)) + F(F(3)) = F(F(3)) + (F(6) + F(F(8))) \times F(2) \times 3$$
$$32864 = 3 \times F(2) \times (F(F(8)) + F(6)) + F(F(4)) = F(F(4)) + (F(6) + F(F(8))) \times F(2) \times 3.$$

$$35423 = F(3) \times F(5 \times 4 + 2) + F(F(3)) = F(F(3)) + F(2 + 4 \times 5) \times F(3)$$
$$35424 = F(3) \times F(5 \times 4 + 2) + F(F(4)) = F(F(4)) + F(2 + 4 \times 5) \times F(3).$$

$$43793 = 4 \times (F(3) + F(-F(7) + F(9))) + F(F(3)) = F(F(3)) + (F(F(9) - F(7)) + F(3)) \times 4$$
$$43794 = 4 \times (F(3) + F(-F(7) + F(9))) + F(F(4)) = F(F(4)) + (F(F(9) - F(7)) + F(3)) \times 4.$$

$$66493 = 6 \times (F(F(F(6))) + 4 \times F(9)) + F(F(3)) = F(F(3)) + (F(9) \times 4 + F(F(F(6)))) \times 6$$
$$66494 = 6 \times (F(F(F(6))) + 4 \times F(9)) + F(F(4)) = F(F(4)) + (F(9) \times 4 + F(F(F(6)))) \times 6.$$

$$68473 = 6 \times (F(F(8)) + F(F(4)) \times F(F(7))) + F(F(3)) = F(F(3)) + (F(F(7)) \times F(F(4)) + F(F(8))) \times 6$$
$$68474 = 6 \times (F(F(8)) + F(F(4)) \times F(F(7))) + F(F(4)) = F(F(4)) + (F(F(7)) \times F(F(4)) + F(F(8))) \times 6.$$

$$74793 = -F(F(7)) + F(4 - F(7) + F(9)) + F(F(3)) = F(F(3)) + F(F(9) - F(7) + 4) - F(F(7))$$
$$74794 = -F(F(7)) + F(4 - F(7) + F(9)) + F(F(4)) = F(F(4)) + F(F(9) - F(7) + 4) - F(F(7)).$$

$$75293 = F(F(7)) + F(5^2) + F(9) + F(F(3)) = F(F(3)) + F(9) + F(25) + F(F(7))$$
$$75294 = F(F(7)) + F(5^2) + F(9) + F(F(4)) = F(F(4)) + F(9) + F(25) + F(F(7)).$$

$$76553 = 7 \times (F(F(F(6))) - 5 - 5) + F(F(3)) = F(F(3)) + (-5 - 5 + F(F(F(6)))) \times 7$$
$$76554 = 7 \times (F(F(F(6))) - 5 - 5) + F(F(4)) = F(F(4)) + (-5 - 5 + F(F(F(6)))) \times 7.$$

$$76623 = F(F(7) + F(6)) \times (6 + F(2)) + F(F(3)) = F(F(3)) + (F(2) + 6) \times F(F(6) + F(7))$$
$$76624 = F(F(7) + F(6)) \times (6 + F(2)) + F(F(4)) = F(F(3)) + (F(2) + 6) \times F(F(6) + F(7)).$$

$$76653 = 7 \times F(F(F(6))) + 6 \times 5 + F(F(3)) = F(F(3)) + 5 \times 6 + F(F(F(6))) \times 7$$
$$76654 = 7 \times F(F(F(6))) + 6 \times 5 + F(F(4)) = F(F(4)) + 5 \times 6 + F(F(F(6))) \times 7.$$

$$87513 = (F(F(8)) - 7) \times F(5 + 1) + F(F(3)) = F(F(3)) + F(1 + 5) \times (-7 + F(F(8)))$$
$$87514 = (F(F(8)) - 7) \times F(5 + 1) + F(F(4)) = F(F(4)) + F(1 + 5) \times (-7 + F(F(8))).$$

$$87673 = 8 \times (F(7) + F(F(6) + F(7))) + F(F(3)) = F(F(3)) + (F(7) + F(F(6) + F(7))) \times 8$$
$$87674 = 8 \times (F(7) + F(F(6) + F(7))) + F(F(4)) = F(F(4)) + (F(7) + F(F(6) + F(7))) \times 8.$$

$$98623 = 9 \times (F(F(8)) + 6 \times 2) + F(F(3)) = F(F(3)) + (2 \times 6 + F(F(8))) \times 9$$
$$98624 = 9 \times (F(F(8)) + 6 \times 2) + F(F(4)) = F(F(4)) + (2 \times 6 + F(F(8))) \times 9.$$

$$98683 = 9 \times (F(F(8)) + F(F(6))) - F(8) + F(F(3)) = F(F(3)) - F(8) + (F(F(6)) + F(F(8))) \times 9$$
$$98684 = 9 \times (F(F(8)) + F(F(6))) - F(8) + F(F(4)) = F(F(4)) - F(8) + (F(F(6)) + F(F(8))) \times 9.$$

$$98753 = 9 \times F(F(8)) + F(F(7)) + 5 + F(F(3)) = F(F(3)) + 5 + F(F(7)) + F(F(8)) \times 9$$
$$98754 = 9 \times F(F(8)) + F(F(7)) + 5 + F(F(4)) = F(F(4)) + 5 + F(F(7)) + F(F(8)) \times 9.$$

$$98893 = 9 \times (F(F(8)) + 8 + F(9)) + F(F(3)) = F(F(3)) + (F(9) + 8 + F(F(8))) \times 9$$
$$98894 = 9 \times (F(F(8)) + 8 + F(9)) + F(F(4)) = F(F(4)) + (F(9) + 8 + F(F(8))) \times 9.$$

5.2 Symmetric Representations Reverse order of Digits

Below are symmetric numbers in F(F(3)) and F(F(4) in reverse order of digits:

$$20973 = F(F(3)) + F(F(7)) \times 90 + 2$$
$$20974 = F(F(4)) + F(F(7)) \times 90 + 2.$$

$$28673 = F(F(3)) + 7 \times F(6)^{8/2}.$$
$$28674 = F(F(4)) + 7 \times F(6)^{8/2}.$$

$$39253 = F(F(3)) - 52 + F(9)^3$$
$$39254 = F(F(4)) - 52 + F(9)^3.$$

$$39383 = F(F(3)) + (8 + 3^9) \times F(3)$$
$$39384 = F(F(4)) + (8 + 3^9) \times F(3).$$

$$59283 = F(F(3)) + F(F(8 - F(2))) + 9^5$$
$$59284 = F(F(4)) + F(F(8 - F(2))) + 9^5.$$

$$69633 = F(F(3)) + F(3)^{F(6)} \times F(9) \times F(6)$$
$$69634 = F(F(4)) + F(3)^{F(6)} \times F(9) \times F(6).$$

$$74393 = F(F(3)) + F(9) \times (F(F(3)) + F(4)^7)$$
$$74394 = F(F(4)) + F(9) \times (F(F(3)) + F(4)^7).$$

$$74763 = F(F(3)) + (F(F(6)) \times F(7))^{F(F(4))} + F(F(7))$$
$$74764 = F(F(4)) + (F(F(6)) \times F(7))^{F(F(4))} + F(F(7)).$$

$$75033 = F(F(3)) + F(30 - 5) + 7$$
$$75034 = F(F(4)) + F(30 - 5) + 7.$$

$$86793 = F(F(3)) + (-97 + F(F(F(6)))) \times 8$$
$$86794 = F(F(4)) + (-97 + F(F(F(6)))) \times 8.$$

$$97363 = F(F(3)) + (F(F(F(6))) - F(3)^7) \times 9$$
$$97364 = F(F(4)) + (F(F(F(6))) - F(3)^7) \times 9.$$

$$98263 = F(F(3)) + (F(F(F(6))) - 28) \times 9$$
$$98264 = F(F(4)) + (F(F(F(6))) - 28) \times 9.$$

6 Number Patterns with Fibonacci Sequence Values

There are numbers that can be extended just multiplying by 10 without loss of properties of numbers. This type we call as *number patterns*. This section deals with numbers patterns in *selfie numbers* having Fibonacci sequence values. This kind of numbers are only in terms of digit's order.

$$63 = F(F(6)) \times 3$$
$$630 = F(F(6)) \times 30$$
$$6300 = F(F(6)) \times 300.$$

$$168 = 1 \times F(F(6)) \times 8$$
$$1680 = 1 \times F(F(6)) \times 80$$
$$16800 = 1 \times F(F(6)) \times 800.$$

$$472 = (F(4) + F(F(7))) \times 2$$
$$4720 = (F(4) + F(F(7))) \times 20$$
$$47200 = (F(4) + F(F(7))) \times 200.$$

$$1165 = F(F(1 \times 1 + 6)) \times 5$$
$$11650 = F(F(1 \times 1 + 6)) \times 50$$
$$116500 = F(F(1 \times 1 + 6)) \times 500.$$

$$1175 = (1 + 1 + F(F(7))) \times 5$$
$$11750 = (1 + 1 + F(F(7))) \times 50$$
$$117500 = (1 + 1 + F(F(7))) \times 500.$$

$$1365 = 13 \times F(F(6)) \times 5$$
$$13650 = 13 \times F(F(6)) \times 50$$
$$136500 = 13 \times F(F(6)) \times 500.$$

$$1687 = (F(F(1 + 6)) + 8) \times 7$$
$$16870 = (F(F(1 + 6)) + 8) \times 70$$
$$168700 = (F(F(1 + 6)) + 8) \times 700.$$

$$1848 = (F(F(-1 + 8)) - F(F(4))) \times 8$$
$$18480 = (F(F(-1 + 8)) - F(F(4))) \times 80$$
$$184800 = (F(F(-1 + 8)) - F(F(4))) \times 800.$$

$$1885 = F(1 + F(8) - 8) \times 5$$
$$18850 = F(1 + F(8) - 8) \times 50$$
$$188500 = F(1 + F(8) - 8) \times 500.$$

$$2079 = (-2 + F(F(07))) \times 9$$
$$20790 = (-2 + F(F(07))) \times 90$$
$$207900 = (-2 + F(F(07))) \times 900.$$

$$2645 = (2 + F(F(6)))^{F(F(4))} \times 5$$
$$26450 = (2 + F(F(6)))^{F(F(4))} \times 50$$
$$264500 = (2 + F(F(6)))^{F(F(4))} \times 500.$$

$$2646 = F(2 + 6)^{F(F(4))} \times 6$$
$$26460 = F(2 + 6)^{F(F(4))} \times 60$$
$$264600 = F(2 + 6)^{F(F(4))} \times 600.$$

$$3666 = (F(F(3)) + F(-6 + F(F(6)))) \times 6$$
$$36660 = (F(F(3)) + F(-6 + F(F(6)))) \times 60$$
$$366600 = (F(F(3)) + F(-6 + F(F(6)))) \times 600.$$

$$3864 = (F(F(3) \times 8) - F(F(6))) \times 4$$
$$38640 = (F(F(3) \times 8) - F(F(6))) \times 40$$
$$386400 = (F(F(3) \times 8) - F(F(6))) \times 400.$$

$$4277 = (F(F(F(4))) + F(2 + F(7))) \times 7$$
$$42770 = (F(F(F(4))) + F(2 + F(7))) \times 70$$
$$427700 = (F(F(F(4))) + F(2 + F(7))) \times 700.$$

$$4765 = (4 \times F(F(7)) + F(F(6))) \times 5$$
$$47650 = (4 \times F(F(7)) + F(F(6))) \times 50$$
$$476500 = (4 \times F(F(7)) + F(F(6))) \times 500.$$

$$5785 = (5 \times F(F(7)) - 8) \times 5$$
$$57850 = (5 \times F(F(7)) - 8) \times 50$$
$$578500 = (5 \times F(F(7)) - 8) \times 500.$$

$$6728 = (F(F(F(6)))/F(7) - F(2)) \times 8$$
$$67280 = (F(F(F(6)))/F(7) - F(2)) \times 80$$
$$672800 = (F(F(F(6)))/F(7) - F(2)) \times 800.$$

$$7448 = (F(F(7)) \times 4 - F(F(F(4)))) \times 8$$
$$74480 = (F(F(7)) \times 4 - F(F(F(4)))) \times 80$$
$$744800 = (F(F(7)) \times 4 - F(F(F(4)))) \times 800.$$

$$7645 = (F(F(7)) + 6^4) \times 5$$
$$76450 = (F(F(7)) + 6^4) \times 50$$
$$764500 = (F(F(7)) + 6^4) \times 500.$$

$$7985 = F(-F(7) + 9 + F(8)) \times 5$$
$$79850 = F(-F(7) + 9 + F(8)) \times 50$$
$$798500 = F(-F(7) + 9 + F(8)) \times 500.$$

$$8352 = (F(F(8) - F(3)) - 5) \times 2$$
$$83520 = (F(F(8) - F(3)) - 5) \times 20$$
$$835200 = (F(F(8) - F(3)) - 5) \times 200.$$

$$10443 = (F(10) + 4)^{F(F(4))} \times 3$$
$$104430 = (F(10) + 4)^{F(F(4))} \times 30$$
$$1044300 = (F(10) + 4)^{F(F(4))} \times 300.$$

$$11466 = (F(11) + F(F(4))) \times F(F(6)) \times 6$$
$$114660 = (F(11) + F(F(4))) \times F(F(6)) \times 60$$
$$1146600 = (F(11) + F(F(4))) \times F(F(6)) \times 600.$$

$$12264 = (F(12) + 2) \times F(F(6)) \times 4$$
$$122640 = (F(12) + 2) \times F(F(6)) \times 40$$
$$1226400 = (F(12) + 2) \times F(F(6)) \times 400.$$

$$12768 = (-1 + F(2 + 7 + F(6))) \times 8$$
$$127680 = (-1 + F(2 + 7 + F(6))) \times 80$$
$$1276800 = (-1 + F(2 + 7 + F(6))) \times 800.$$

$$13765 = (-1 - F(3)^{F(7)} + F(F(F(6)))) \times 5$$
$$137650 = (-1 - F(3)^{F(7)} + F(F(F(6)))) \times 50$$
$$1376500 = (-1 - F(3)^{F(7)} + F(F(F(6)))) \times 500.$$

$$13975 = (-1 + (3 + 9) \times F(F(7))) \times 5$$
$$139750 = (-1 + (3 + 9) \times F(F(7))) \times 50$$
$$1397500 = (-1 + (3 + 9) \times F(F(7))) \times 500.$$

$$14637 = (1 + F(-F(F(4)) + F(F(6))))/(F(3)) \times 7$$
$$146370 = (1 + F(-F(F(4)) + F(F(6))))/(F(3)) \times 70$$
$$1463700 = (1 + F(-F(F(4)) + F(F(6))))/(F(3)) \times 700.$$

$$16372 = (-1 \times 6 + F(3)^{F(7)}) \times 2$$
$$163720 = (-1 \times 6 + F(3)^{F(7)}) \times 20$$
$$1637200 = (-1 \times 6 + F(3)^{F(7)}) \times 200.$$

$$16413 = (-1 + F(F(F(6)))/F(F(4)) - 1) \times 3$$
$$164130 = (-1 + F(F(F(6)))/F(F(4)) - 1) \times 30$$
$$1641300 = (-1 + F(F(F(6)))/F(F(4)) - 1) \times 300.$$

$$16464 = (-1 + F(F(6)) + 4^6) \times 4$$
$$164640 = (-1 + F(F(6)) + 4^6) \times 40$$
$$1646400 = (-1 + F(F(6)) + 4^6) \times 400.$$

$$16479 = (-1 - F(6) \times (4 - F(F(7)))) \times 9$$
$$164790 = (-1 - F(6) \times (4 - F(F(7)))) \times 90$$
$$1647900 = (-1 - F(6) \times (4 - F(F(7)))) \times 900.$$

$$16644 = (1 - F(F(6)) + F(F(F(6)) - F(F(4)))) \times 4$$
$$166440 = (1 - F(F(6)) + F(F(F(6)) - F(F(4)))) \times 40$$
$$1664400 = (1 - F(F(6)) + F(F(F(6)) - F(F(4)))) \times 400.$$

$$16722 = (-1 + F(6 + F(7)) \times 2) \times 2$$
$$167220 = (-1 + F(6 + F(7)) \times 2) \times 20$$
$$1672200 = (-1 + F(6 + F(7)) \times 2) \times 200.$$

$$16728 = (1 + F(6 + F(7)))/2 \times 8$$
$$167280 = (1 + F(6 + F(7)))/2 \times 80$$
$$1672800 = (1 + F(6 + F(7)))/2 \times 800.$$

$$16744 = (1 + F(6 + F(7)) + 4) \times 4$$
$$167440 = (1 + F(6 + F(7)) + 4) \times 40$$
$$1674400 = (1 + F(6 + F(7)) + 4) \times 400.$$

$$16749 = (F(1 \times 6) \times F(F(7)) - F(4)) \times 9$$
$$167490 = (F(1 \times 6) \times F(F(7)) - F(4)) \times 90$$
$$1674900 = (F(1 \times 6) \times F(F(7)) - F(4)) \times 900.$$

$$16935 = (F(-1 + F(F(6))) + 9)/F(3) \times 5$$
$$169350 = (F(-1 + F(F(6))) + 9)/F(3) \times 50$$
$$1693500 = (F(-1 + F(F(6))) + 9)/F(3) \times 500.$$

$$17568 = (-1 + F(7)^{-5+F(6)}) \times 8$$
$$175680 = (-1 + F(7)^{-5+F(6)}) \times 80$$
$$1756800 = (-1 + F(7)^{-5+F(6)}) \times 800.$$

$$18235 = (-1 + (F(F(8)) - 2)/3) \times 5$$
$$182350 = (-1 + (F(F(8)) - 2)/3) \times 50$$
$$1823500 = (-1 + (F(F(8)) - 2)/3) \times 500.$$

$$18245 = (1 + F(F(8)))/(-F(2) + 4) \times 5$$
$$182450 = (1 + F(F(8)))/(-F(2) + 4) \times 50$$
$$1824500 = (1 + F(F(8)))/(-F(2) + 4) \times 500.$$

$$18756 = (1 + (-8 + F(7))^5) \times 6$$
$$187560 = (1 + (-8 + F(7))^5) \times 60$$
$$1875600 = (1 + (-8 + F(7))^5) \times 600.$$

$$19735 = (F(19) - F(F(7)) - F(F(3))) \times 5$$
$$197350 = (F(19) - F(F(7)) - F(F(3))) \times 50$$
$$1973500 = (F(19) - F(F(7)) - F(F(3))) \times 500.$$

$$19775 = (F(19) + 7 - F(F(7))) \times 5$$
$$197750 = (F(19) + 7 - F(F(7))) \times 50$$
$$1977500 = (F(19) + 7 - F(F(7))) \times 500.$$

$$20865 = (F(-2 + F(08)) - F(6)) \times 5$$
$$208650 = (F(-2 + F(08)) - F(6)) \times 50$$
$$2086500 = (F(-2 + F(08)) - F(6)) \times 500.$$

$$21782 = (-F(2 + 1 + 7) + F(F(8))) \times 2$$
$$217820 = (-F(2 + 1 + 7) + F(F(8))) \times 20$$
$$2178200 = (-F(2 + 1 + 7) + F(F(8))) \times 200.$$

$$21842 = (F(21) - F(8) - 4) \times 2$$
$$218420 = (F(21) - F(8) - 4) \times 20$$
$$2184200 = (F(21) - F(8) - 4) \times 200.$$

$$21872 = (-2 - 1 + F(F(8)) - 7) \times 2$$
$$218720 = (-2 - 1 + F(F(8)) - 7) \times 20$$
$$2187200 = (-2 - 1 + F(F(8)) - 7) \times 200.$$

$$23676 = (-2 + F(-F(3) + F(F(6))) - F(F(7))) \times 6$$
$$236760 = (-2 + F(-F(3) + F(F(6))) - F(F(7))) \times 60$$
$$2367600 = (-2 + F(-F(3) + F(F(6))) - F(F(7))) \times 600.$$

$$23945 = (-2 + 3 \times F(F(9)/F(F(4)))) \times 5$$
$$239450 = (-2 + 3 \times F(F(9)/F(F(4)))) \times 50$$
$$2394500 = (-2 + 3 \times F(F(9)/F(F(4)))) \times 500.$$

$$23965 = (2 + 3 \times F(9 + F(6))) \times 5$$
$$239650 = (2 + 3 \times F(9 + F(6))) \times 50$$
$$2396500 = (2 + 3 \times F(9 + F(6))) \times 500.$$

$$24465 = F(2^4 - F(4)) \times F(F(6)) \times 5$$
$$244650 = F(2^4 - F(4)) \times F(F(6)) \times 50$$
$$2446500 = F(2^4 - F(4)) \times F(F(6)) \times 500.$$

$$24475 = (2 + F(4 + 4) \times F(F(7))) \times 5$$
$$244750 = (2 + F(4 + 4) \times F(F(7))) \times 50$$
$$2447500 = (2 + F(4 + 4) \times F(F(7))) \times 500.$$

$$24785 = (F(2) + (F(4) + F(F(7))) \times F(8)) \times 5$$
$$247850 = (F(2) + (F(4) + F(F(7))) \times F(8)) \times 50$$
$$2478500 = (F(2) + (F(4) + F(F(7))) \times F(8)) \times 500.$$

$$24843 = (2 + F(F(4) + 8))^{F(F(4))} \times 3$$
$$248430 = (2 + F(F(4) + 8))^{F(F(4))} \times 30$$
$$2484300 = (2 + F(F(4) + 8))^{F(F(4))} \times 300.$$

$$25775 = (2 \times F(5 + F(7)) - F(7)) \times 5$$
$$257750 = (2 \times F(5 + F(7)) - F(7)) \times 50$$
$$2577500 = (2 \times F(5 + F(7)) - F(7)) \times 500.$$

$$25795 = (2 \times F(5 + F(7)) - 9) \times 5$$
$$257950 = (2 \times F(5 + F(7)) - 9) \times 50$$
$$2579500 = (2 \times F(5 + F(7)) - 9) \times 500.$$

$$26047 = (F(2) + 60)^{F(F(4))} \times 7$$
$$260470 = (F(2) + 60)^{F(F(4))} \times 70$$
$$2604700 = (F(2) + 60)^{F(F(4))} \times 700.$$

$$26464 = (F(2 + F(6)) + F(4)^{F(6)}) \times 4$$
$$264640 = (F(2 + F(6)) + F(4)^{F(6)}) \times 40$$
$$2646400 = (F(2 + F(6)) + F(4)^{F(6)}) \times 400.$$

$$26484 = (F(-F(2) + F(F(6))) - F(4 + 8)) \times 4$$
$$264840 = (F(-F(2) + F(F(6))) - F(4 + 8)) \times 40$$
$$2648400 = (F(-F(2) + F(F(6))) - F(4 + 8)) \times 400.$$

$$26645 = (-F(2 \times 6) + F(F(F(6)))/F(F(4))) \times 5$$
$$266450 = (-F(2 \times 6) + F(F(F(6)))/F(F(4))) \times 50$$
$$2664500 = (-F(2 \times 6) + F(F(F(6)))/F(F(4))) \times 500.$$

$$26675 = (F(2) + F(F(6)) \times (F(F(6)) + F(F(7)))) \times 5$$
$$266750 = (F(2) + F(F(6)) \times (F(F(6)) + F(F(7)))) \times 50$$
$$2667500 = (F(2) + F(F(6)) \times (F(F(6)) + F(F(7)))) \times 500.$$

$$26765 = ((2 + F(F(6))) \times F(F(7)) - 6) \times 5$$
$$267650 = ((2 + F(F(6))) \times F(F(7)) - 6) \times 50$$
$$2676500 = ((2 + F(F(6))) \times F(F(7)) - 6) \times 500.$$

$$27164 = (2 \times F(7) + F(-1 + F(F(6)))) \times 4$$
$$271640 = (2 \times F(7) + F(-1 + F(F(6)))) \times 40$$
$$2716400 = (2 \times F(7) + F(-1 + F(F(6)))) \times 400.$$

$$27279 = (2 + F(F(7)) \times F(2) \times F(7)) \times 9$$
$$272790 = (2 + F(F(7)) \times F(2) \times F(7)) \times 90$$
$$2727900 = (2 + F(F(7)) \times F(2) \times F(7)) \times 900.$$

$$27345 = (F(F(F(2) + 7))/F(3) - 4) \times 5$$
$$273450 = (F(F(F(2) + 7))/F(3) - 4) \times 50$$
$$2734500 = (F(F(F(2) + 7))/F(3) - 4) \times 500.$$

$$27365 = F(F(F(2) + 7))/F(-3 + 6) \times 5$$
$$273650 = F(F(F(2) + 7))/F(-3 + 6) \times 50$$
$$2736500 = F(F(F(2) + 7))/F(-3 + 6) \times 500.$$

$$27963 = (F(2) + F(F(7)) \times (F(9) + 6)) \times 3$$
$$279630 = (F(2) + F(F(7)) \times (F(9) + 6)) \times 30$$
$$2796300 = (F(2) + F(F(7)) \times (F(9) + 6)) \times 300.$$

$$27964 = (F(2) + F(F(7)) \times (9 + F(F(6)))) \times 4$$
$$279640 = (F(2) + F(F(7)) \times (9 + F(F(6)))) \times 40$$
$$2796400 = (F(2) + F(F(7)) \times (9 + F(F(6)))) \times 400.$$

$$27968 = (F(2) + F(F(7)) \times (9 + 6)) \times 8$$
$$279680 = (F(2) + F(F(7)) \times (9 + 6)) \times 80$$
$$2796800 = (F(2) + F(F(7)) \times (9 + 6)) \times 800.$$

$$28824 = (F(-F(2) + F(8)) + F(8)^2) \times 4$$
$$288240 = (F(-F(2) + F(8)) + F(8)^2) \times 40$$
$$2882400 = (F(-F(2) + F(8)) + F(8)^2) \times 400.$$

$$29466 = (-2 + F(9)^{F(4)}/F(6)) \times 6$$
$$294660 = (-2 + F(9)^{F(4)}/F(6)) \times 60$$
$$2946600 = (-2 + F(9)^{F(4)}/F(6)) \times 600.$$

$$29766 = (2 \times F(9) + F(F(7)) \times F(F(6))) \times 6$$
$$297660 = (2 \times F(9) + F(F(7)) \times F(F(6))) \times 60$$
$$2976600 = (2 \times F(9) + F(F(7)) \times F(F(6))) \times 600.$$

$$32463 = (-(3 + 2)^{F(4)} + F(F(F(6)))) \times 3$$
$$324630 = (-(3 + 2)^{F(4)} + F(F(F(6)))) \times 30$$
$$3246300 = (-(3 + 2)^{F(4)} + F(F(F(6)))) \times 300.$$

$$32675 = (3 + F(-F(2) + F(F(6))) - F(F(7))) \times 5$$
$$326750 = (3 + F(-F(2) + F(F(6))) - F(F(7))) \times 50$$
$$3267500 = (3 + F(-F(2) + F(F(6))) - F(F(7))) \times 500.$$

$$32684 = (F(3)^{F(F(2)+6)} - F(8)) \times 4$$
$$326840 = (F(3)^{F(F(2)+6)} - F(8)) \times 40$$
$$3268400 = (F(3)^{F(F(2)+6)} - F(8)) \times 400.$$

$$32883 = (-3 \times 2 + F(8) + F(F(8))) \times 3$$
$$328830 = (-3 \times 2 + F(8) + F(F(8))) \times 30$$
$$3288300 = (-3 \times 2 + F(8) + F(F(8))) \times 300.$$

$$32943 = (F(F(F(3 \times 2))) + F(9) + F(F(F(4)))) \times 3$$
$$329430 = (F(F(F(3 \times 2))) + F(9) + F(F(F(4)))) \times 30$$
$$3294300 = (F(F(F(3 \times 2))) + F(9) + F(F(F(4)))) \times 300.$$

$$33488 = (3 + F(3) + F(-F(F(4)) + F(8))) \times 8$$
$$334880 = (3 + F(3) + F(-F(F(4)) + F(8))) \times 80$$
$$3348800 = (3 + F(3) + F(-F(F(4)) + F(8))) \times 800.$$

$$33815 = (F(F(3)) - 3 + F(F(8) - 1)) \times 5$$
$$338150 = (F(F(3)) - 3 + F(F(8) - 1)) \times 50$$
$$3381500 = (F(F(3)) - 3 + F(F(8) - 1)) \times 500.$$

$$33835 = (F(3) + F((F(3) + 8) \times F(3))) \times 5$$
$$338350 = (F(3) + F((F(3) + 8) \times F(3))) \times 50$$
$$3383500 = (F(3) + F((F(3) + 8) \times F(3))) \times 500.$$

$$33845 = (F(-3/3 + F(8)) + 4) \times 5$$
$$338450 = (F(-3/3 + F(8)) + 4) \times 50$$
$$3384500 = (F(-3/3 + F(8)) + 4) \times 500.$$

$$33855 = (F(F(3)) + F(-F(F(3)) + F(8)) + 5) \times 5$$
$$338550 = (F(F(3)) + F(-F(F(3)) + F(8)) + 5) \times 50$$
$$3385500 = (F(F(3)) + F(-F(F(3)) + F(8)) + 5) \times 500.$$

$$33865 = (F(-3/3 + F(8)) + F(6)) \times 5$$
$$338650 = (F(-3/3 + F(8)) + F(6)) \times 50$$
$$3386500 = (F(-3/3 + F(8)) + F(6)) \times 500.$$

$$33875 = (-3 + F(-F(F(3)) + F(8)) + F(7)) \times 5$$
$$338750 = (-3 + F(-F(F(3)) + F(8)) + F(7)) \times 50$$
$$3387500 = (-3 + F(-F(F(3)) + F(8)) + F(7)) \times 500.$$

$$33995 = (F(F(3) + F(3) \times 9) + F(9)) \times 5$$
$$339950 = (F(F(3) + F(3) \times 9) + F(9)) \times 50$$
$$3399500 = (F(F(3) + F(3) \times 9) + F(9)) \times 500.$$

$$34445 = (F(3) + F(4)^4)^{F(F(4))} \times 5$$
$$344450 = (F(3) + F(4)^4)^{F(F(4))} \times 50$$
$$3444500 = (F(3) + F(4)^4)^{F(F(4))} \times 500.$$

$$34848 = (3 + F(4) \times F(8))^{F(F(4))} \times 8$$
$$348480 = (3 + F(4) \times F(8))^{F(F(4))} \times 80$$
$$3484800 = (3 + F(4) \times F(8))^{F(F(4))} \times 800.$$

$$36485 = (-(F(F(3)) + F(F(F(6))))/F(4) + F(F(8))) \times 5$$
$$364850 = (-(F(F(3)) + F(F(F(6))))/F(4) + F(F(8))) \times 50$$
$$3648500 = (-(F(F(3)) + F(F(F(6))))/F(4) + F(F(8))) \times 500.$$

$$36875 = (F(-F(F(3)) + F(F(6))) + F(8 + 7)) \times 5$$
$$368750 = (F(-F(F(3)) + F(F(6))) + F(8 + 7)) \times 50$$
$$3687500 = (F(-F(F(3)) + F(F(6))) + F(8 + 7)) \times 500.$$

$$37288 = (F(F(3)) + F(F(7)) \times (-F(2) + F(8))) \times 8$$
$$372880 = (F(F(3)) + F(F(7)) \times (-F(2) + F(8))) \times 80$$
$$3728800 = (F(F(3)) + F(F(7)) \times (-F(2) + F(8))) \times 800.$$

$$37295 = (-3 + F(F(7)) \times (-2 + F(9))) \times 5$$
$$372950 = (-3 + F(F(7)) \times (-2 + F(9))) \times 50$$
$$3729500 = (-3 + F(F(7)) \times (-2 + F(9))) \times 500.$$

$$37392 = (-F(3 + F(7)) + 3^9) \times 2$$
$$373920 = (-F(3 + F(7)) + 3^9) \times 20$$
$$3739200 = (-F(3 + F(7)) + 3^9) \times 200.$$

$$37623 = (3 \times F(F(7) + 6) - 2) \times 3$$
$$376230 = (3 \times F(F(7) + 6) - 2) \times 30$$
$$3762300 = (3 \times F(F(7) + 6) - 2) \times 300.$$

$$37648 = (F(F(3) + F(7)) + F(6)^4) \times 8$$
$$376480 = (F(F(3) + F(7)) + F(6)^4) \times 80$$
$$3764800 = (F(F(3) + F(7)) + F(6)^4) \times 800.$$

$$38272 = (-F(3) + F(F(8)) + 2^{F(7)}) \times 2$$
$$382720 = (-F(3) + F(F(8)) + 2^{F(7)}) \times 20$$
$$3827200 = (-F(3) + F(F(8)) + 2^{F(7)}) \times 200.$$

$$38367 = (F(F(3)) \times F(F(8))/F(3) + F(6)) \times 7$$
$$383670 = (F(F(3)) \times F(F(8))/F(3) + F(6)) \times 70$$
$$3836700 = (F(F(3)) \times F(F(8))/F(3) + F(6)) \times 700.$$

$$38635 = (F(3 \times 8)/6 - F(F(3))) \times 5$$
$$386350 = (F(3 \times 8)/6 - F(F(3))) \times 50$$
$$3863500 = (F(3 \times 8)/6 - F(F(3))) \times 500.$$

$$38645 = (F(3 \times 8)/6 + F(F(F(4)))) \times 5$$
$$386450 = (F(3 \times 8)/6 + F(F(F(4)))) \times 50$$
$$3864500 = (F(3 \times 8)/6 + F(F(F(4)))) \times 500.$$

$$39168 = F(3 + 9) \times F(1 + F(6)) \times 8$$
$$391680 = F(3 + 9) \times F(1 + F(6)) \times 80$$
$$3916800 = F(3 + 9) \times F(1 + F(6)) \times 800.$$

$$39275 = (F(F(3)) + F(9) \times (-2 + F(F(7)))) \times 5$$
$$392750 = (F(F(3)) + F(9) \times (-2 + F(F(7)))) \times 50$$
$$3927500 = (F(F(3)) + F(9) \times (-2 + F(F(7)))) \times 500.$$

$$39486 = (-F(F(3)) + 9^4 + F(8)) \times 6$$
$$394860 = (-F(F(3)) + 9^4 + F(8)) \times 60$$
$$3948600 = (-F(F(3)) + 9^4 + F(8)) \times 600.$$

$$39615 = (F(F(3)) + F(9) \times F(F(6 + 1))) \times 5$$
$$396150 = (F(F(3)) + F(9) \times F(F(6 + 1))) \times 50$$
$$3961500 = (F(F(3)) + F(9) \times F(F(6 + 1))) \times 500.$$

$$39625 = (3 + F(9) \times F(F(F(6) - F(2)))) \times 5$$
$$396250 = (3 + F(9) \times F(F(F(6) - F(2)))) \times 50$$
$$3962500 = (3 + F(9) \times F(F(F(6) - F(2)))) \times 500.$$

$$39795 = (3 + F(9) \times F(F(7)) + F(9)) \times 5$$
$$397950 = (3 + F(9) \times F(F(7)) + F(9)) \times 50$$
$$3979500 = (3 + F(9) \times F(F(7)) + F(9)) \times 500.$$

$$39832 = (3^9 + F(F(F(8)/3))) \times 2$$
$$398320 = (3^9 + F(F(F(8)/3))) \times 20$$
$$3983200 = (3^9 + F(F(F(8)/3))) \times 200.$$

$$42849 = (F(4) \times (2 + F(8)))^{F(F(4))} \times 9$$
$$428490 = (F(4) \times (2 + F(8)))^{F(F(4))} \times 90$$
$$4284900 = (F(4) \times (2 + F(8)))^{F(F(4))} \times 900.$$

$$42864 = (F(4) - F(F(-F(2) + 8)) + F(F(F(6)))) \times 4$$
$$428640 = (F(4) - F(F(-F(2) + 8)) + F(F(F(6)))) \times 40$$
$$4286400 = (F(4) - F(F(-F(2) + 8)) + F(F(F(6)))) \times 400.$$

$$42872 = 4 \times (2 + F(8)) \times F(F(7)) \times 2$$
$$428720 = 4 \times (2 + F(8)) \times F(F(7)) \times 20$$
$$4287200 = 4 \times (2 + F(8)) \times F(F(7)) \times 200.$$

$$43464 = (F(F(F(4))) - 3^4 + F(F(F(6)))) \times 4$$
$$434640 = (F(F(F(4))) - 3^4 + F(F(F(6)))) \times 40$$
$$4346400 = (F(F(F(4))) - 3^4 + F(F(F(6)))) \times 400.$$

$$43664 = (-F(4) \times 3 + F(F(F(6))) - F(F(6))) \times 4$$
$$436640 = (-F(4) \times 3 + F(F(F(6))) - F(F(6))) \times 40$$
$$4366400 = (-F(4) \times 3 + F(F(F(6))) - F(F(6))) \times 400.$$

$$43684 = (-4 - F(F(3) + 6) + F(F(8))) \times 4$$
$$436840 = (-4 - F(F(3) + 6) + F(F(8))) \times 40$$
$$4368400 = (-4 - F(F(3) + 6) + F(F(8))) \times 400.$$

$$43685 = (F(4)^{3+6} - F(F(8))) \times 5$$
$$436850 = (F(4)^{3+6} - F(F(8))) \times 50$$
$$4368500 = (F(4)^{3+6} - F(F(8))) \times 500.$$

$$43735 = (4 \times 3^7 - F(F(3))) \times 5$$
$$437350 = (4 \times 3^7 - F(F(3))) \times 50$$
$$4373500 = (4 \times 3^7 - F(F(3))) \times 500.$$

$$43745 = (F(F(F(4))) + 3^7 \times 4) \times 5$$
$$437450 = (F(F(F(4))) + 3^7 \times 4) \times 50$$
$$4374500 = (F(F(F(4))) + 3^7 \times 4) \times 500.$$

$$43824 = (4 \times F(3) + F(F(8)) + 2) \times 4$$
$$438240 = (4 \times F(3) + F(F(8)) + 2) \times 40$$
$$4382400 = (4 \times F(3) + F(F(8)) + 2) \times 400.$$

$$43844 = (4 \times 3 + F(F(8)) + F(4)) \times 4$$
$$438440 = (4 \times 3 + F(F(8)) + F(4)) \times 40$$
$$4384400 = (4 \times 3 + F(F(8)) + F(4)) \times 400.$$

$$43864 = (-4 + 3 + F(F(8)) + F(F(6))) \times 4$$
$$438640 = (-4 + 3 + F(F(8)) + F(F(6))) \times 40$$
$$4386400 = (-4 + 3 + F(F(8)) + F(F(6))) \times 400.$$

$$43884 = (F(F(4)) + F(3) + F(8) + F(F(8))) \times 4$$
$$438840 = (F(F(4)) + F(3) + F(8) + F(F(8))) \times 40$$
$$4388400 = (F(F(4)) + F(3) + F(8) + F(F(8))) \times 400.$$

$$43964 = ((F(4) + F(3)) \times 9 + F(F(F(6)))) \times 4$$
$$439640 = ((F(4) + F(3)) \times 9 + F(F(F(6)))) \times 40$$
$$4396400 = ((F(4) + F(3)) \times 9 + F(F(F(6)))) \times 400.$$

$$43984 = (4^{F(3)} + F(9) + F(F(8))) \times 4$$
$$439840 = (4^{F(3)} + F(9) + F(F(8))) \times 40$$
$$4398400 = (4^{F(3)} + F(9) + F(F(8))) \times 400.$$

$$44364 = (F(F(4) \times 4) + F(F(3)) + F(F(F(6)))) \times 4$$
$$443640 = (F(F(4) \times 4) + F(F(3)) + F(F(F(6)))) \times 40$$
$$4436400 = (F(F(4) \times 4) + F(F(3)) + F(F(F(6)))) \times 400.$$

$$44395 = (-4 + F(4^{F(3)}) \times 9) \times 5$$
$$443950 = (-4 + F(4^{F(3)}) \times 9) \times 50$$
$$4439500 = (-4 + F(4^{F(3)}) \times 9) \times 500.$$

$$44664 = (4 \times F(4 + 6) + F(F(F(6)))) \times 4$$
$$446640 = (4 \times F(4 + 6) + F(F(F(6)))) \times 40$$
$$4466400 = (4 \times F(4 + 6) + F(F(F(6)))) \times 400.$$

$$44684 = (F(F(F(4) + 4)) - F(6) + F(F(8))) \times 4$$
$$446840 = (F(F(F(4) + 4)) - F(6) + F(F(8))) \times 40$$
$$4468400 = (F(F(F(4) + 4)) - F(6) + F(F(8))) \times 400.$$

$$44724 = (F(F(4 + 4)) + F(F(7)) + 2) \times 4$$
$$447240 = (F(F(4 + 4)) + F(F(7)) + 2) \times 40$$
$$4472400 = (F(F(4 + 4)) + F(F(7)) + 2) \times 400.$$

$$44733 = (4^{F(4)} \times F(F(7)) - F(F(3))) \times 3$$
$$447330 = (4^{F(4)} \times F(F(7)) - F(F(3))) \times 30$$
$$4473300 = (4^{F(4)} \times F(F(7)) - F(F(3))) \times 300.$$

$$44737 = (4 \times F(4 + F(7)) + 3) \times 7$$
$$447370 = (4 \times F(4 + F(7)) + 3) \times 70$$
$$4473700 = (4 \times F(4 + F(7)) + 3) \times 700.$$

$$44764 = (F(4) \times 4 + F(F(7)) + F(F(F(6)))) \times 4$$
$$447640 = (F(4) \times 4 + F(F(7)) + F(F(F(6)))) \times 40$$
$$4476400 = (F(4) \times 4 + F(F(7)) + F(F(F(6)))) \times 400.$$

$$44768 = (4 + 4 \times F(F(7)) \times 6) \times 8$$
$$447680 = (4 + 4 \times F(F(7)) \times 6) \times 80$$
$$4476800 = (4 + 4 \times F(F(7)) \times 6) \times 800.$$

$$45384 = ((4 \times 5)^{F(3)} + F(F(8))) \times 4$$
$$453840 = ((4 \times 5)^{F(3)} + F(F(8))) \times 40$$
$$4538400 = ((4 \times 5)^{F(3)} + F(F(8))) \times 400.$$

$$45717 = (F(4 \times 5) - F(F(7)) - 1) \times 7$$
$$457170 = (F(4 \times 5) - F(F(7)) - 1) \times 70$$
$$4571700 = (F(4 \times 5) - F(F(7)) - 1) \times 700.$$

$$45832 = (4^5 + F(F(8)) \times F(3)) \times 2$$
$$458320 = (4^5 + F(F(8)) \times F(3)) \times 20$$
$$4583200 = (4^5 + F(F(8)) \times F(3)) \times 200.$$

$$46488 = ((F(4) \times 6)^{F(4)} - F(8)) \times 8$$
$$464880 = ((F(4) \times 6)^{F(4)} - F(8)) \times 80$$
$$4648800 = ((F(4) \times 6)^{F(4)} - F(8)) \times 800.$$

$$46495 = (4 + F(F(6))^{F(4)} + F(9)) \times 5$$
$$464950 = (4 + F(F(6))^{F(4)} + F(9)) \times 50$$
$$4649500 = (4 + F(F(6))^{F(4)} + F(9)) \times 500.$$

$$46768 = ((4 + F(F(6))) \times F(F(7)) + F(F(6))) \times 8$$
$$467680 = ((4 + F(F(6))) \times F(F(7)) + F(F(6))) \times 80$$
$$4676800 = ((4 + F(F(6))) \times F(F(7)) + F(F(6))) \times 800.$$

$$47368 = (-F(F(F(4))) + F(F(7) + 3) \times 6) \times 8$$
$$473680 = (-F(F(F(4))) + F(F(7) + 3) \times 6) \times 80$$
$$4736800 = (-F(F(F(4))) + F(F(7) + 3) \times 6) \times 800.$$

$$47464 = ((-F(4) + F(F(7))) \times 4 + F(F(F(6)))) \times 4$$
$$474640 = ((-F(4) + F(F(7))) \times 4 + F(F(F(6)))) \times 40$$
$$4746400 = ((-F(4) + F(F(7))) \times 4 + F(F(F(6)))) \times 400.$$

$$47467 = (F(4) + F(7) + F(-F(F(F(4))) + F(F(6)))) \times 7$$
$$474670 = (F(4) + F(7) + F(-F(F(F(4))) + F(F(6)))) \times 70$$
$$4746700 = (F(4) + F(7) + F(-F(F(F(4))) + F(F(6)))) \times 700.$$

$$47736 = (F(F(4))^{F(7)} - F(F(7)) - 3) \times 6$$
$$477360 = (F(F(4))^{F(7)} - F(F(7)) - 3) \times 60$$
$$4773600 = (F(F(4))^{F(7)} - F(F(7)) - 3) \times 600.$$

$$47784 = (F(F(4) + F(7)) + F(7) + F(F(8))) \times 4$$
$$477840 = (F(F(4) + F(7)) + F(7) + F(F(8))) \times 40$$
$$4778400 = (F(F(4) + F(7)) + F(7) + F(F(8))) \times 400.$$

$$47845 = (F(F(4))^{F(7)} + F(F(8)))/F(F(4)) \times 5$$
$$478450 = (F(F(4))^{F(7)} + F(F(8)))/F(F(4)) \times 50$$
$$4784500 = (F(F(4))^{F(7)} + F(F(8)))/F(F(4)) \times 500.$$

$$47946 = ((F(F(4)) + F(F(7))) \times F(9) + F(F(F(4)))) \times 6$$
$$479460 = ((F(F(4)) + F(F(7))) \times F(9) + F(F(F(4)))) \times 60$$
$$4794600 = ((F(F(4)) + F(F(7))) \times F(9) + F(F(F(4)))) \times 600.$$

$$48377 = (F(F(4)) + F(8 \times F(3)) \times 7) \times 7$$
$$483770 = (F(F(4)) + F(8 \times F(3)) \times 7) \times 70$$
$$4837700 = (F(F(4)) + F(8 \times F(3)) \times 7) \times 700.$$

$$48664 = (F(F(4)) \times F(F(8) - 6) + F(F(F(6)))) \times 4$$
$$486640 = (F(F(4)) \times F(F(8) - 6) + F(F(F(6)))) \times 40$$
$$4866400 = (F(F(4)) \times F(F(8) - 6) + F(F(F(6)))) \times 400.$$

$$48935 = (-F(4) + F(F(8)) - F(9)^{F(3)}) \times 5$$
$$489350 = (-F(4) + F(F(8)) - F(9)^{F(3)}) \times 50$$
$$4893500 = (-F(4) + F(F(8)) - F(9)^{F(3)}) \times 500.$$

$$48945 = (-F(F(F(4))) + F(F(8)) - F(9)^{F(F(4))}) \times 5$$
$$489450 = (-F(F(F(4))) + F(F(8)) - F(9)^{F(F(4))}) \times 50$$
$$4894500 = (-F(F(F(4))) + F(F(8)) - F(9)^{F(F(4))}) \times 500.$$

$$49239 = (-4 + F(F(9 - F(2))))/F(3) \times 9$$
$$492390 = (-4 + F(F(9 - F(2))))/F(3) \times 90$$
$$4923900 = (-4 + F(F(9 - F(2))))/F(3) \times 900.$$

$$49285 = (-(F(F(F(4))) - F(9))^2 + F(F(8))) \times 5$$
$$492850 = (-(F(F(F(4))) - F(9))^2 + F(F(8))) \times 50$$
$$4928500 = (-(F(F(F(4))) - F(9))^2 + F(F(8))) \times 500.$$

$$49785 = (-F(F(4)) - F(9 + 7) + F(F(8))) \times 5$$
$$497850 = (-F(F(4)) - F(9 + 7) + F(F(8))) \times 50$$
$$4978500 = (-F(F(4)) - F(9 + 7) + F(F(8))) \times 500.$$

$$49795 = (F(F(F(-F(4) + 9))) - F(7 + 9)) \times 5$$
$$497950 = (F(F(F(-F(4) + 9))) - F(7 + 9)) \times 50$$
$$4979500 = (F(F(F(-F(4) + 9))) - F(7 + 9)) \times 500.$$

$$49928 = (-F(F(4)) + 9 \times 9)^2 \times 8$$
$$499280 = (-F(F(4)) + 9 \times 9)^2 \times 80$$
$$4992800 = (-F(F(4)) + 9 \times 9)^2 \times 800.$$

$$52743 = (5 + (2 \times F(7))^{F(4)}) \times 3$$
$$527430 = (5 + (2 \times F(7))^{F(4)}) \times 30$$
$$5274300 = (5 + (2 \times F(7))^{F(4)}) \times 300.$$

$$53163 = (5 \times F(3) + F(1 + F(F(6)))) \times 3$$
$$531630 = (5 \times F(3) + F(1 + F(F(6)))) \times 30$$
$$5316300 = (5 \times F(3) + F(1 + F(F(6)))) \times 300.$$

$$53565 = (F(F(5 + 3)) - F(5 + F(6))) \times 5$$
$$535650 = (F(F(5 + 3)) - F(5 + F(6))) \times 50$$
$$5356500 = (F(F(5 + 3)) - F(5 + F(6))) \times 500.$$

$$53985 = (-5 - F(3 + 9) + F(F(8))) \times 5$$
$$539850 = (-5 - F(3 + 9) + F(F(8))) \times 50$$
$$5398500 = (-5 - F(3 + 9) + F(F(8))) \times 500.$$

$$54281 = (F(F(5 + F(F(4))))^2 - 8) \times 1$$
$$542810 = (F(F(5 + F(F(4))))^2 - 8) \times 10$$
$$5428100 = (F(F(5 + F(F(4))))^2 - 8) \times 100.$$

$$54385 = (-5 - 4^3 + F(F(8))) \times 5$$
$$543850 = (-5 - 4^3 + F(F(8))) \times 50$$
$$5438500 = (-5 - 4^3 + F(F(8))) \times 500.$$

$$54465 = (-54 + F(F(F(4))) + F(F(F(6)))) \times 5$$
$$544650 = (-54 + F(F(F(4))) + F(F(F(6)))) \times 50$$
$$5446500 = (-54 + F(F(F(4))) + F(F(F(6)))) \times 500.$$

$$54485 = (-5 - 44 + F(F(8))) \times 5$$
$$544850 = (-5 - 44 + F(F(8))) \times 50$$
$$5448500 = (-5 - 44 + F(F(8))) \times 500.$$

$$54585 = (5 - F(4 + 5) + F(F(8))) \times 5$$
$$545850 = (5 - F(4 + 5) + F(F(8))) \times 50$$
$$5458500 = (5 - F(4 + 5) + F(F(8))) \times 500.$$

$$54625 = (-F(5 + F(4)) + F(F(6 + 2))) \times 5$$
$$546250 = (-F(5 + F(4)) + F(F(6 + 2))) \times 50$$
$$5462500 = (-F(5 + F(4)) + F(F(6 + 2))) \times 500.$$

$$54645 = (F(F(5 + F(4))) - F(F(6)) + 4) \times 5$$
$$546450 = (F(F(5 + F(4))) - F(F(6)) + 4) \times 50$$
$$5464500 = (F(F(5 + F(4))) - F(F(6)) + 4) \times 500.$$

$$54655 = (-5 \times 4 + F(F(F(6))) + 5) \times 5$$
$$546550 = (-5 \times 4 + F(F(F(6))) + 5) \times 50$$
$$5465500 = (-5 \times 4 + F(F(F(6))) + 5) \times 500.$$

$$54685 = (-54/6 + F(F(8))) \times 5$$
$$546850 = (-54/6 + F(F(8))) \times 50$$
$$5468500 = (-54/6 + F(F(8))) \times 500.$$

$$54695 = (5 - F(4) + F(F(F(6))) - 9) \times 5$$
$$546950 = (5 - F(4) + F(F(F(6))) - 9) \times 50$$
$$5469500 = (5 - F(4) + F(F(F(6))) - 9) \times 500.$$

$$54765 = (5 + F(F(4)) + F(F(7) + F(6))) \times 5$$
$$547650 = (5 + F(F(4)) + F(F(7) + F(6))) \times 50$$
$$5476500 = (5 + F(F(4)) + F(F(7) + F(6))) \times 500.$$

$$54785 = (-5 + F(4) + F(7) + F(F(8))) \times 5$$
$$547850 = (-5 + F(4) + F(7) + F(F(8))) \times 50$$
$$5478500 = (-5 + F(4) + F(7) + F(F(8))) \times 500.$$

$$54825 = (5 \times 4 + F(F(8)) - F(2)) \times 5$$
$$548250 = (5 \times 4 + F(F(8)) - F(2)) \times 50$$
$$5482500 = (5 \times 4 + F(F(8)) - F(2)) \times 500.$$

$$54835 = (5 \times 4 + F(F(8)) + F(F(3))) \times 5$$
$$548350 = (5 \times 4 + F(F(8)) + F(F(3))) \times 50$$
$$5483500 = (5 \times 4 + F(F(8)) + F(F(3))) \times 500.$$

$$54845 = (5^{F(F(4))} + F(F(8)) - F(F(4))) \times 5$$
$$548450 = (5^{F(F(4))} + F(F(8)) - F(F(4))) \times 50$$
$$5484500 = (5^{F(F(4))} + F(F(8)) - F(F(4))) \times 500.$$

$$54855 = (5 \times 4 + F(F(8)) + 5) \times 5$$
$$548550 = (5 \times 4 + F(F(8)) + 5) \times 50$$
$$5485500 = (5 \times 4 + F(F(8)) + 5) \times 500.$$

$$54865 = (F(5 + F(4)) + F(F(8)) + 6) \times 5$$
$$548650 = (F(5 + F(4)) + F(F(8)) + 6) \times 50$$
$$5486500 = (F(5 + F(4)) + F(F(8)) + 6) \times 500.$$

$$54885 = (5 \times F(F(4)) + (F(8)) + F(F(8))) \times 5$$
$$548850 = (5 \times F(F(4)) + (F(8)) + F(F(8))) \times 50$$
$$5488500 = (5 \times F(F(4)) + (F(8)) + F(F(8))) \times 500.$$

$$54895 = (-5 + 4 + F(F(8)) + F(9)) \times 5$$
$$548950 = (-5 + 4 + F(F(8)) + F(9)) \times 50$$
$$5489500 = (-5 + 4 + F(F(8)) + F(9)) \times 500.$$

$$54955 = (F(F(5 + F(4))) + 9 \times 5) \times 5$$
$$549550 = (F(F(5 + F(4))) + 9 \times 5) \times 50$$
$$5495500 = (F(F(5 + F(4))) + 9 \times 5) \times 500.$$

$$54965 = (F(5 + F(F(4))) + F(9) + F(F(F(6)))) \times 5$$
$$549650 = (F(5 + F(F(4))) + F(9) + F(F(F(6)))) \times 50$$
$$5496500 = (F(5 + F(F(4))) + F(9) + F(F(F(6)))) \times 500.$$

$$55125 = (5 \times F(F(5 + 1)))^2 \times 5$$
$$551250 = (5 \times F(F(5 + 1)))^2 \times 50$$
$$5512500 = (5 \times F(F(5 + 1)))^2 \times 500.$$

$$55447 = F(5 + 5 + F(F(F(4))))^{F(F(4))} \times 7$$
$$554470 = F(5 + 5 + F(F(F(4))))^{F(F(4))} \times 70$$
$$5544700 = F(5 + 5 + F(F(F(4))))^{F(F(4))} \times 700.$$

$$56284 = (5^{6-F(2)} + F(F(8))) \times 4$$
$$562840 = (5^{6-F(2)} + F(F(8))) \times 40$$
$$5628400 = (5^{6-F(2)} + F(F(8))) \times 400.$$

$$57121 = (5 + F(F(7)) + 1)^2 \times 1$$
$$571210 = (5 + F(F(7)) + 1)^2 \times 10$$
$$5712100 = (5 + F(F(7)) + 1)^2 \times 100.$$

$$57312 = (F(F(-5 + F(7)) + F(3)) - 1) \times 2$$
$$573120 = (F(F(-5 + F(7)) + F(3)) - 1) \times 20$$
$$5731200 = (F(F(-5 + F(7)) + F(3)) - 1) \times 200.$$

$$58686 = (-5 \times F(F(8) - F(6)) + F(F(8))) \times 6$$
$$586860 = (-5 \times F(F(8) - F(6)) + F(F(8))) \times 60$$
$$5868600 = (-5 \times F(F(8) - F(6)) + F(F(8))) \times 600.$$

$$58746 = (5 + F(8) \times F(F(7)) \times F(F(4))) \times 6$$
$$587460 = (5 + F(8) \times F(F(7)) \times F(F(4))) \times 60$$
$$5874600 = (5 + F(8) \times F(F(7)) \times F(F(4))) \times 600.$$

$$59665 = (F(F(F(-5 + 9)) \times F(6)) + F(F(F(6)))) \times 5$$
$$596650 = (F(F(F(-5 + 9)) \times F(6)) + F(F(F(6)))) \times 50$$
$$5966500 = (F(F(F(-5 + 9)) \times F(6)) + F(F(F(6)))) \times 500.$$

$$61476 = (F(F(F(6))) - 1 - F(4) \times F(F(7))) \times 6$$
$$614760 = (F(F(F(6))) - 1 - F(4) \times F(F(7))) \times 60$$
$$6147600 = (F(F(F(6))) - 1 - F(4) \times F(F(7))) \times 600.$$

$$62482 = (F(F(F(6)) - F(2)) \times F(4) + F(F(8))) \times 2$$
$$624820 = (F(F(F(6)) - F(2)) \times F(4) + F(F(8))) \times 20$$
$$6248200 = (F(F(F(6)) - F(2)) \times F(4) + F(F(8))) \times 200.$$

$$62568 = ((-6 + F(2))^5 + F(F(F(6)))) \times 8$$
$$625680 = ((-6 + F(2))^5 + F(F(F(6)))) \times 80$$
$$6256800 = ((-6 + F(2))^5 + F(F(F(6)))) \times 800.$$

$$63368 = F(F(6) + 3)^{F(-3+6)} \times 8$$
$$633680 = F(F(6) + 3)^{F(-3+6)} \times 80$$
$$6336800 = F(F(6) + 3)^{F(-3+6)} \times 800.$$

$$63786 = (-F(F(6)) \times (F(3) + F(7)) + F(F(8))) \times 6$$
$$637860 = (-F(F(6)) \times (F(3) + F(7)) + F(F(8))) \times 60$$
$$6378600 = (-F(F(6)) \times (F(3) + F(7)) + F(F(8))) \times 600.$$

$$64075 = F(6 + 4) \times F(F(07)) \times 5$$
$$640750 = F(6 + 4) \times F(F(07)) \times 50$$
$$6407500 = F(6 + 4) \times F(F(07)) \times 500.$$

$$64266 = (F(F(F(6))) - F(F(4)) - F(F(F(2)+6))) \times 6$$
$$642660 = (F(F(F(6))) - F(F(4)) - F(F(F(2)+6))) \times 60$$
$$6426600 = (F(F(F(6))) - F(F(4)) - F(F(F(2)+6))) \times 600.$$

$$64296 = (F(F(F(6))) + F(4) - F(F(-2+9))) \times 6$$
$$642960 = (F(F(F(6))) + F(4) - F(F(-2+9))) \times 60$$
$$6429600 = (F(F(F(6))) + F(4) - F(F(-2+9))) \times 600.$$

$$64356 = (F(F(F(6))) - 4 \times F(F(3) \times 5)) \times 6$$
$$643560 = (F(F(F(6))) - 4 \times F(F(3) \times 5)) \times 60$$
$$6435600 = (F(F(F(6))) - 4 \times F(F(3) \times 5)) \times 600.$$

$$64488 = (6^4 + F(-F(F(F(4))) + F(8))) \times 8$$
$$644880 = (6^4 + F(-F(F(F(4))) + F(8))) \times 80$$
$$6448800 = (6^4 + F(-F(F(F(4))) + F(8))) \times 800.$$

$$64596 = (F(F(F(6))) - 4 \times 5 \times 9) \times 6$$
$$645960 = (F(F(F(6))) - 4 \times 5 \times 9) \times 60$$
$$6459600 = (F(F(F(6))) - 4 \times 5 \times 9) \times 600.$$

$$64656 = (F(F(F(6))) - F(F(4)+6) \times 5) \times 6$$
$$646560 = (F(F(F(6))) - F(F(4)+6) \times 5) \times 60$$
$$6465600 = (F(F(F(6))) - F(F(4)+6) \times 5) \times 600.$$

$$64686 = (-F(F(6)) - F(4 + F(6)) + F(F(8))) \times 6$$
$$646860 = (-F(F(6)) - F(4 + F(6)) + F(F(8))) \times 60$$
$$6468600 = (-F(F(6)) - F(4 + F(6)) + F(F(8))) \times 600.$$

$$64986 = (F(F(6)) - 4 \times F(9) + F(F(8))) \times 6$$
$$649860 = (F(F(6)) - 4 \times F(9) + F(F(8))) \times 60$$
$$6498600 = (F(F(6)) - 4 \times F(9) + F(F(8))) \times 600.$$

$$65376 = (F(F(F(6))) - 5 \times (3+7)) \times 6$$
$$653760 = (F(F(F(6))) - 5 \times (3+7)) \times 60$$
$$6537600 = (F(F(F(6))) - 5 \times (3+7)) \times 600.$$

$$65406 = (F(F(F(6))) - 5 - 40) \times 6$$
$$654060 = (F(F(F(6))) - 5 - 40) \times 60$$
$$6540600 = (F(F(F(6))) - 5 - 40) \times 600.$$

$$65436 = (-F(6) \times 5 + F(F(4 \times F(3)))) \times 6$$
$$654360 = (-F(6) \times 5 + F(F(4 \times F(3)))) \times 60$$
$$6543600 = (-F(6) \times 5 + F(F(4 \times F(3)))) \times 600.$$

$$65463 = (F(6)^5 - F(F(F(4))) - F(F(F(6)))) \times 3$$
$$654630 = (F(6)^5 - F(F(F(4))) - F(F(F(6)))) \times 30$$
$$6546300 = (F(6)^5 - F(F(F(4))) - F(F(F(6)))) \times 300.$$

$$65541 = F(F(6)) \times (5^5 - 4) \times 1$$
$$655410 = F(F(6)) \times (5^5 - 4) \times 10$$
$$6554100 = F(F(6)) \times (5^5 - 4) \times 100.$$

$$65542 = (F(6)^5 + 5 - F(F(4))) \times 2$$
$$655420 = (F(6)^5 + 5 - F(F(4))) \times 20$$
$$6554200 = (F(6)^5 + 5 - F(F(4))) \times 200.$$

$$65556 = (F(F(F(6))) - 5 \times 5 + 5) \times 6$$
$$655560 = (F(F(F(6))) - 5 \times 5 + 5) \times 60$$
$$6555600 = (F(F(F(6))) - 5 \times 5 + 5) \times 600.$$

$$65586 = ((-F(6) + 5) \times 5 + F(F(8))) \times 6$$
$$655860 = ((-F(6) + 5) \times 5 + F(F(8))) \times 60$$
$$6558600 = ((-F(6) + 5) \times 5 + F(F(8))) \times 600.$$

$$65616 = (F(F(F(6))) - 5 - 6 + 1) \times 6$$
$$656160 = (F(F(F(6))) - 5 - 6 + 1) \times 60$$
$$6561600 = (F(F(F(6))) - 5 - 6 + 1) \times 600.$$

$$65651 = ((F(F(F(6))) - 5) \times 6 + 5) \times 1$$
$$656510 = ((F(F(F(6))) - 5) \times 6 + 5) \times 10$$
$$6565100 = ((F(F(F(6))) - 5) \times 6 + 5) \times 100.$$

$$65736 = (F(F(F(6))) - 5 + F(7) + F(3)) \times 6$$
$$657360 = (F(F(F(6))) - 5 + F(7) + F(3)) \times 60$$
$$6573600 = (F(F(F(6))) - 5 + F(7) + F(3)) \times 600.$$

$$65766 = (F(F(F(6))) + F(-5 + F(7)) - 6) \times 6$$
$$657660 = (F(F(F(6))) + F(-5 + F(7)) - 6) \times 60$$
$$6576600 = (F(F(F(6))) + F(-5 + F(7)) - 6) \times 600.$$

$$65796 = (F(F(F(6))) + 5 \times (F(7) - 9)) \times 6$$
$$657960 = (F(F(F(6))) + 5 \times (F(7) - 9)) \times 60$$
$$6579600 = (F(F(F(6))) + 5 \times (F(7) - 9)) \times 600.$$

$$65826 = (F(F(6)) + 5 + F(F(8)) - F(2)) \times 6$$
$$658260 = (F(F(6)) + 5 + F(F(8)) - F(2)) \times 60$$
$$6582600 = (F(F(6)) + 5 + F(F(8)) - F(2)) \times 600.$$

$$65832 = (F(F(6)) + 5 + F(F(8))) \times 3 \times 2$$
$$658320 = (F(F(6)) + 5 + F(F(8))) \times 3 \times 20$$
$$6583200 = (F(F(6)) + 5 + F(F(8))) \times 3 \times 200.$$

$$65916 = (F(6) \times 5 + F(F(9-1))) \times 6$$
$$659160 = (F(6) \times 5 + F(F(9-1))) \times 60$$
$$6591600 = (F(6) \times 5 + F(F(9-1))) \times 600.$$

$$66336 = (F(F(F(6))) + (F(F(6) + F(3)) \times F(3))) \times 6$$
$$663360 = (F(F(F(6))) + (F(F(6) + F(3)) \times F(3))) \times 60$$
$$6633600 = (F(F(F(6))) + (F(F(6) + F(3)) \times F(3))) \times 600.$$

$$66576 = (F(F(F(6))) + 6 + F(5+7)) \times 6$$
$$665760 = (F(F(F(6))) + 6 + F(5+7)) \times 60$$
$$6657600 = (F(F(F(6))) + 6 + F(5+7)) \times 600.$$

$$66636 = (F(F(F(6))) + F(6) \times (F(F(6)) - F(F(3)))) \times 6$$
$$666360 = (F(F(F(6))) + F(6) \times (F(F(6)) - F(F(3)))) \times 60$$
$$6663600 = (F(F(F(6))) + F(6) \times (F(F(6)) - F(F(3)))) \times 600.$$

$$66666 = (F(F(F(6))) + F(6+6) + F(F(6))) \times 6$$
$$666660 = (F(F(F(6))) + F(6+6) + F(F(6))) \times 60$$
$$6666600 = (F(F(F(6))) + F(6+6) + F(F(6))) \times 600.$$

$$66726 = (F(F(F(6))) + 6 + F(7)^2) \times 6$$
$$667260 = (F(F(F(6))) + 6 + F(7)^2) \times 60$$
$$6672600 = (F(F(F(6))) + 6 + F(7)^2) \times 600.$$

$$66786 = (-F(6) \times 6 + F(F(7)) + F(F(8))) \times 6$$
$$667860 = (-F(6) \times 6 + F(F(7)) + F(F(8))) \times 60$$
$$6678600 = (-F(6) \times 6 + F(F(7)) + F(F(8))) \times 600.$$

$$66936 = (F(F(F(6))) + 6 \times (F(9) + F(F(3)))) \times 6$$
$$669360 = (F(F(F(6))) + 6 \times (F(9) + F(F(3)))) \times 60$$
$$6693600 = (F(F(F(6))) + 6 \times (F(9) + F(F(3)))) \times 600.$$

$$67144 = (-F(F(6)) + 7^{1+4}) \times 4$$
$$671440 = (-F(F(6)) + 7^{1+4}) \times 40$$
$$6714400 = (-F(F(6)) + 7^{1+4}) \times 400.$$

$$67176 = (F(F(F(6))) + F(F(7)) + 17) \times 6$$
$$671760 = (F(F(F(6))) + F(F(7)) + 17) \times 60$$
$$6717600 = (F(F(F(6))) + F(F(7)) + 17) \times 600.$$

$$67986 = (F(F(F(6))) + 7 \times (F(9) + F(8))) \times 6$$
$$679860 = (F(F(F(6))) + 7 \times (F(9) + F(8))) \times 60$$
$$6798600 = (F(F(F(6))) + 7 \times (F(9) + F(8))) \times 600.$$

$$68286 = (-6 + F(8)^2 + F(F(8))) \times 6$$
$$682860 = (-6 + F(8)^2 + F(F(8))) \times 60$$
$$6828600 = (-6 + F(8)^2 + F(F(8))) \times 600.$$

$$68316 = (F(F(F(6))) + F(8)^{F(3)} - 1) \times 6$$
$$683160 = (F(F(F(6))) + F(8)^{F(3)} - 1) \times 60$$
$$6831600 = (F(F(F(6))) + F(8)^{F(3)} - 1) \times 600.$$

$$68346 = (F(F(F(6))) + F(8)^{F(3)} + 4) \times 6$$
$$683460 = (F(F(F(6))) + F(8)^{F(3)} + 4) \times 60$$
$$6834600 = (F(F(F(6))) + F(8)^{F(3)} + 4) \times 600.$$

$$68467 = (F(F(6)) \times F(8 \times F(F(4))) - F(F(F(6)))) \times 7$$
$$684670 = (F(F(6)) \times F(8 \times F(F(4))) - F(F(F(6)))) \times 70$$
$$6846700 = (F(F(6)) \times F(8 \times F(F(4))) - F(F(F(6)))) \times 700.$$

$$68537 = (F(F(F(6))) - F(8) \times F(5 \times F(3))) \times 7$$
$$685370 = (F(F(F(6))) - F(8) \times F(5 \times F(3))) \times 70$$
$$6853700 = (F(F(F(6))) - F(8) \times F(5 \times F(3))) \times 700.$$

$$69336 = (F(F(F(6))) + F(9+3+3)) \times 6$$
$$693360 = (F(F(F(6))) + F(9+3+3)) \times 60$$
$$6933600 = (F(F(F(6))) + F(9+3+3)) \times 600.$$

$$69579 = (-F(F(6)) + F(9) \times (-5 + F(F(7)))) \times 9$$
$$695790 = (-F(F(6)) + F(9) \times (-5 + F(F(7)))) \times 90$$
$$6957900 = (-F(F(6)) + F(9) \times (-5 + F(F(7)))) \times 900.$$

$$69727 = (F(F(F(6))) - F(9+7) + 2) \times 7$$
$$697270 = (F(F(F(6))) - F(9+7) + 2) \times 70$$
$$6972700 = (F(F(F(6))) - F(9+7) + 2) \times 700.$$

$$69875 = (F(F(F(6))) + (F(9) - F(8)) \times F(F(7))) \times 5$$
$$698750 = (F(F(F(6))) + (F(9) - F(8)) \times F(F(7))) \times 50$$
$$6987500 = (F(F(F(6))) + (F(9) - F(8)) \times F(F(7))) \times 500.$$

$$70844 = (F(F(7 \times 0 + 8) + F(F(F(4))))) \times 4$$
$$708440 = (F(F(7 \times 0 + 8) + F(F(F(4))))) \times 40$$
$$7084400 = (F(F(7 \times 0 + 8) + F(F(F(4))))) \times 400.$$

$$72666 = (F(F(7)) \times (-F(2) + 6) + F(F(F(6)))) \times 6$$
$$726660 = (F(F(7)) \times (-F(2) + 6) + F(F(F(6)))) \times 60$$
$$7266600 = (F(F(7)) \times (-F(2) + 6) + F(F(F(6)))) \times 600.$$

$$73284 = (F(F(7) + F(3)) + F(F(2) + F(8))) \times 4$$
$$732840 = (F(F(7) + F(3)) + F(F(2) + F(8))) \times 40$$
$$7328400 = (F(F(7) + F(3)) + F(F(2) + F(8))) \times 400.$$

$$73367 = (-F(F(7)) \times F(3) + F(F(3)) + F(F(F(6)))) \times 7$$
$$733670 = (-F(F(7)) \times F(3) + F(F(3)) + F(F(F(6)))) \times 70$$
$$7336700 = (-F(F(7)) \times F(3) + F(F(3)) + F(F(F(6)))) \times 700.$$

$$73395 = (F(F(7)) \times 3 \times F(F(-3+9))) \times 5$$
$$733950 = (F(F(7)) \times 3 \times F(F(-3+9))) \times 50$$
$$7339500 = (F(F(7)) \times 3 \times F(F(-3+9))) \times 500.$$

$$73648 = (-F(7+3) + F(F(6))^{F(4)}) \times 8$$
$$736480 = (-F(7+3) + F(F(6))^{F(4)}) \times 80$$
$$7364800 = (-F(7+3) + F(F(6))^{F(4)}) \times 800.$$

$$73719 = (F(F(7-3))^{F(7)} - 1) \times 9$$
$$737190 = (F(F(7-3))^{F(7)} - 1) \times 90$$
$$7371900 = (F(F(7-3))^{F(7)} - 1) \times 900.$$

$$74487 = (-F(F(7) + F(F(4)))/F(F(4)) + F(F(8))) \times 7$$
$$744870 = (-F(F(7) + F(F(4)))/F(F(4)) + F(F(8))) \times 70$$
$$7448700 = (-F(F(7) + F(F(4)))/F(F(4)) + F(F(8))) \times 700.$$

$$74529 = (F(7) \times (F(F(4)) + 5))^2 \times 9$$
$$745290 = (F(7) \times (F(F(4)) + 5))^2 \times 90$$
$$7452900 = (F(7) \times (F(F(4)) + 5))^2 \times 900.$$

$$74665 = (F(F(7)) \times F(F(4))^6 + F(F(6))) \times 5$$
$$746650 = (F(F(7)) \times F(F(4))^6 + F(F(6))) \times 50$$
$$7466500 = (F(F(7)) \times F(F(4))^6 + F(F(6))) \times 500.$$

$$74688 = (-F(7) - F(-4 + F(F(6))) + F(F(8))) \times 8$$
$$746880 = (-F(7) - F(-4 + F(F(6))) + F(F(8))) \times 80$$
$$7468800 = (-F(7) - F(-4 + F(F(6))) + F(F(8))) \times 800.$$

$$74977 = (-F(F(7)) - F(F(4)) + F(F(9) - F(7))) \times 7$$
$$749770 = (-F(F(7)) - F(F(4)) + F(F(9) - F(7))) \times 70$$
$$7497700 = (-F(F(7)) - F(F(4)) + F(F(9) - F(7))) \times 700.$$

$$75635 = (F(F(F(7) - 5)) + F(F(F(6)) - F(3))) \times 5$$
$$756350 = (F(F(F(7) - 5)) + F(F(F(6)) - F(3))) \times 50$$
$$7563500 = (F(F(F(7) - 5)) + F(F(F(6)) - F(3))) \times 500.$$

$$75645 = (F(7 + 5) - F(F(6)))^{F(F(4))} \times 5$$
$$756450 = (F(7 + 5) - F(F(6)))^{F(F(4))} \times 50$$
$$7564500 = (F(7 + 5) - F(F(6)))^{F(F(4))} \times 500.$$

$$75735 = (F(F(7)) \times 5 \times F(7) + F(3)) \times 5$$
$$757350 = (F(F(7)) \times 5 \times F(7) + F(3)) \times 50$$
$$7573500 = (F(F(7)) \times 5 \times F(7) + F(3)) \times 500.$$

$$75745 = (F(F(7)) \times 5 \times F(7) + 4) \times 5$$
$$757450 = (F(F(7)) \times 5 \times F(7) + 4) \times 50$$
$$7574500 = (F(F(7)) \times 5 \times F(7) + 4) \times 500.$$

$$75765 = (F(F(7)) \times 5 \times F(7) + F(6)) \times 5$$
$$757650 = (F(F(7)) \times 5 \times F(7) + F(6)) \times 50$$
$$7576500 = (F(F(7)) \times 5 \times F(7) + F(6)) \times 500.$$

$$75957 = (F(F(F(7) - 5)) - 95) \times 7$$
$$759570 = (F(F(F(7) - 5)) - 95) \times 70$$
$$7595700 = (F(F(F(7) - 5)) - 95) \times 700.$$

$$76167 = (-F(7) \times (6 - 1) + F(F(F(6)))) \times 7$$
$$761670 = (-F(7) \times (6 - 1) + F(F(F(6)))) \times 70$$
$$7616700 = (-F(7) \times (6 - 1) + F(F(F(6)))) \times 700.$$

$$76631 = (7 \times F(F(F(6))) + 6 + 3) \times 1$$
$$766310 = (7 \times F(F(F(6))) + 6 + 3) \times 10$$
$$7663100 = (7 \times F(F(F(6))) + 6 + 3) \times 100.$$

$$76657 = (F(F(7 + 6/6)) + 5) \times 7$$
$$766570 = (F(F(7 + 6/6)) + 5) \times 70$$
$$7665700 = (F(F(7 + 6/6)) + 5) \times 700.$$

$$76691 = (7 \times F(F(F(6))) + 69) \times 1$$
$$766910 = (7 \times F(F(F(6))) + 69) \times 10$$
$$7669100 = (7 \times F(F(F(6))) + 69) \times 100.$$

$$76867 = (-7 + F(F(6)) + F(F(8)) + F(F(6))) \times 7$$
$$768670 = (-7 + F(F(6)) + F(F(8)) + F(F(6))) \times 70$$
$$7686700 = (-7 + F(F(6)) + F(F(8)) + F(F(6))) \times 700.$$

$$76937 = (F(7) + F(F(F(6))) + F(9) - F(3)) \times 7$$
$$769370 = (F(7) + F(F(F(6))) + F(9) - F(3)) \times 70$$
$$7693700 = (F(7) + F(F(F(6))) + F(9) - F(3)) \times 700.$$

$$78142 = (-F(F(7)) + F(8 + 1)^{F(4)}) \times 2$$
$$781420 = (-F(F(7)) + F(8 + 1)^{F(4)}) \times 20$$
$$7814200 = (-F(F(7)) + F(8 + 1)^{F(4)}) \times 200.$$

$$78197 = (F(F(7)) + F(F(8)) + 1 - 9) \times 7$$
$$781970 = (F(F(7)) + F(F(8)) + 1 - 9) \times 70$$
$$7819700 = (F(F(7)) + F(F(8)) + 1 - 9) \times 700.$$

$$78445 = (F(F(7)) + F(8 \times F(4))/F(4)) \times 5$$
$$784450 = (F(F(7)) + F(8 \times F(4))/F(4)) \times 50$$
$$7844500 = (F(F(7)) + F(8 \times F(4))/F(4)) \times 500.$$

$$78568 = ((-F(F(7)) + 8) \times 5 + F(F(F(6)))) \times 8$$
$$785680 = ((-F(F(7)) + 8) \times 5 + F(F(F(6)))) \times 80$$
$$7856800 = ((-F(F(7)) + 8) \times 5 + F(F(F(6)))) \times 800.$$

$$78827 = (F(F(7)) + F(F(8)) + 82) \times 7$$
$$788270 = (F(F(7)) + F(F(8)) + 82) \times 70$$
$$7882700 = (F(F(7)) + F(F(8)) + 82) \times 700.$$

$$79215 = (F(F(7)) \times F(9) \times 2 - 1) \times 5$$
$$792150 = (F(F(7)) \times F(9) \times 2 - 1) \times 50$$
$$7921500 = (F(F(7)) \times F(9) \times 2 - 1) \times 500.$$

$$79225 = (F(F(7)) \times F(9) \times 2 + F(2)) \times 5$$
$$792250 = (F(F(7)) \times F(9) \times 2 + F(2)) \times 50$$
$$7922500 = (F(F(7)) \times F(9) \times 2 + F(2)) \times 500.$$

$$79235 = (F(F(7)) \times F(9) \times 2 + 3) \times 5$$
$$792350 = (F(F(7)) \times F(9) \times 2 + 3) \times 50$$
$$7923500 = (F(F(7)) \times F(9) \times 2 + 3) \times 500.$$

$$79648 = (-F(7 + 9) + F(F(F(6))) - F(4)) \times 8$$
$$796480 = (-F(7 + 9) + F(F(F(6))) - F(4)) \times 80$$
$$7964800 = (-F(7 + 9) + F(F(F(6))) - F(4)) \times 800.$$

$$81088 = (-810 + F(F(8))) \times 8$$
$$810880 = (-810 + F(F(8))) \times 80$$
$$8108800 = (-810 + F(F(8))) \times 800.$$

$$81186 = (F(F(8)) + 1 + F(18)) \times 6$$
$$811860 = (F(F(8)) + 1 + F(18)) \times 60$$
$$8118600 = (F(F(8)) + 1 + F(18)) \times 600.$$

$$82688 = (F(F(8)) \times F(2) - F(-6 + F(8))) \times 8$$
$$826880 = (F(F(8)) \times F(2) - F(-6 + F(8))) \times 80$$
$$8268800 = (F(F(8)) \times F(2) - F(-6 + F(8))) \times 800.$$

$$83169 = (F(8)^3 + 1 - F(F(6))) \times 9$$
$$831690 = (F(8)^3 + 1 - F(F(6))) \times 90$$
$$8316900 = (F(8)^3 + 1 - F(F(6))) \times 900.$$

$$83343 = (F(8)^3 \times 3 - F(F(4))) \times 3$$
$$833430 = (F(8)^3 \times 3 - F(F(4))) \times 30$$
$$8334300 = (F(8)^3 \times 3 - F(F(4))) \times 300.$$

$$83488 = (-8^3 + F(F(4)) + F(F(8))) \times 8$$
$$834880 = (-8^3 + F(F(4)) + F(F(8))) \times 80$$
$$8348800 = (-8^3 + F(F(4)) + F(F(8))) \times 800.$$

$$83826 = (F(F(8)) + F(F(3) + 8)^2) \times 6$$
$$838260 = (F(F(8)) + F(F(3) + 8)^2) \times 60$$
$$8382600 = (F(F(8)) + F(F(3) + 8)^2) \times 600.$$

$$83968 = (-F(8)^{F(3)} - 9 + F(F(F(6)))) \times 8$$
$$839680 = (-F(8)^{F(3)} - 9 + F(F(F(6)))) \times 80$$
$$8396800 = (-F(8)^{F(3)} - 9 + F(F(F(6)))) \times 800.$$

$$84208 = (F(F(8)) - 420) \times 8$$
$$842080 = (F(F(8)) - 420) \times 80$$
$$8420800 = (F(F(8)) - 420) \times 800.$$

$$84368 = (-(F(8) - F(F(F(4))))^{F(3)} + F(F(F(6)))) \times 8$$
$$843680 = (-(F(8) - F(F(F(4))))^{F(3)} + F(F(F(6)))) \times 80$$
$$8436800 = (-(F(8) - F(F(F(4))))^{F(3)} + F(F(F(6)))) \times 800.$$

$$84777 = (F(F(8)) + 4 \times F(F(7)) + F(F(7))) \times 7$$
$$847770 = (F(F(8)) + 4 \times F(F(7)) + F(F(7))) \times 70$$
$$8477700 = (F(F(8)) + 4 \times F(F(7)) + F(F(7))) \times 700.$$

$$84985 = (F(F(8) + F(F(F(4)))) - F(9) \times F(8)) \times 5$$
$$849850 = (F(F(8) + F(F(F(4)))) - F(9) \times F(8)) \times 50$$
$$8498500 = (F(F(8) + F(F(F(4)))) - F(9) \times F(8)) \times 500.$$

$$85728 = (F(F(8)) + 5 - F(F(7)) - 2) \times 8$$
$$857280 = (F(F(8)) + 5 - F(F(7)) - 2) \times 80$$
$$8572800 = (F(F(8)) + 5 - F(F(7)) - 2) \times 800.$$

$$85888 = (F(F(8)) - 5 \times (F(8) + F(8))) \times 8$$
$$858880 = (F(F(8)) - 5 \times (F(8) + F(8))) \times 80$$
$$8588800 = (F(F(8)) - 5 \times (F(8) + F(8))) \times 800.$$

$$85968 = (F(F(8)) - 5 \times (F(9) + 6)) \times 8$$
$$859680 = (F(F(8)) - 5 \times (F(9) + 6)) \times 80$$
$$8596800 = (F(F(8)) - 5 \times (F(9) + 6)) \times 800.$$

$$86288 = (F(F(8)) + F(6) \times (F(2) - F(8))) \times 8$$
$$862880 = (F(F(8)) + F(6) \times (F(2) - F(8))) \times 80$$
$$8628800 = (F(F(8)) + F(6) \times (F(2) - F(8))) \times 800.$$

$$86368 = (F(F(8)) - 6 - F(F(3) \times 6)) \times 8$$
$$863680 = (F(F(8)) - 6 - F(F(3) \times 6)) \times 80$$
$$8636800 = (F(F(8)) - 6 - F(F(3) \times 6)) \times 800.$$

$$86448 = (F(F(8)) - F(F(6) + 4) + 4) \times 8$$
$$864480 = (F(F(8)) - F(F(6) + 4) + 4) \times 80$$
$$8644800 = (F(F(8)) - F(F(6) + 4) + 4) \times 800.$$

$$86728 = (F(F(8)) - F(6) \times F(7) - F(2)) \times 8$$
$$867280 = (F(F(8)) - F(6) \times F(7) - F(2)) \times 80$$
$$8672800 = (F(F(8)) - F(6) \times F(7) - F(2)) \times 800.$$

$$86848 = (F(F(8)) - 6 - 84) \times 8$$
$$868480 = (F(F(8)) - 6 - 84) \times 80$$
$$8684800 = (F(F(8)) - 6 - 84) \times 800.$$

$$86888 = (F(F(8)) - F(6) \times 8 - F(8)) \times 8$$
$$868880 = (F(F(8)) - F(6) \times 8 - F(8)) \times 80$$
$$8688800 = (F(F(8)) - F(6) \times 8 - F(8)) \times 800.$$

$$86928 = (F(F(8)) - (6 + F(9)) \times 2) \times 8$$
$$869280 = (F(F(8)) - (6 + F(9)) \times 2) \times 80$$
$$8692800 = (F(F(8)) - (6 + F(9)) \times 2) \times 800.$$

$$86968 = (F(F(8)) - 69 - 6) \times 8$$
$$869680 = (F(F(8)) - 69 - 6) \times 80$$
$$8696800 = (F(F(8)) - 69 - 6) \times 800.$$

$$87128 = (F(F(8)) - F(7 + 1 + 2)) \times 8$$
$$871280 = (F(F(8)) - F(7 + 1 + 2)) \times 80$$
$$8712800 = (F(F(8)) - F(7 + 1 + 2)) \times 800.$$

$$87168 = (F(F(8)) - 71 + F(F(6))) \times 8$$
$$871680 = (F(F(8)) - 71 + F(F(6))) \times 80$$
$$8716800 = (F(F(8)) - 71 + F(F(6))) \times 800.$$

$$87285 = (-F(8) - F(F(7)) + F(F(2) + F(8))) \times 5$$
$$872850 = (-F(8) - F(F(7)) + F(F(2) + F(8))) \times 50$$
$$8728500 = (-F(8) - F(F(7)) + F(F(2) + F(8))) \times 500.$$

$$87288 = (F(F(8)) - 7 - 28) \times 8$$
$$872880 = (F(F(8)) - 7 - 28) \times 80$$
$$8728800 = (F(F(8)) - 7 - 28) \times 800.$$

$$87328 = (F(F(8)) - (F(7) + F(3)) \times 2) \times 8$$
$$873280 = (F(F(8)) - (F(7) + F(3)) \times 2) \times 80$$
$$8732800 = (F(F(8)) - (F(7) + F(3)) \times 2) \times 800.$$

$$87375 = (-8 + F(F(7)))/3 \times F(F(7)) \times 5$$
$$873750 = (-8 + F(F(7)))/3 \times F(F(7)) \times 50$$
$$8737500 = (-8 + F(F(7)))/3 \times F(F(7)) \times 500.$$

$$87448 = (F(F(8)) - 7 - 4 - 4) \times 8$$
$$874480 = (F(F(8)) - 7 - 4 - 4) \times 80$$
$$8744800 = (F(F(8)) - 7 - 4 - 4) \times 800.$$

$$87512 = (F(F(8)) - 7) \times (5 - 1) \times 2$$
$$875120 = (F(F(8)) - 7) \times (5 - 1) \times 20$$
$$8751200 = (F(F(8)) - 7) \times (5 - 1) \times 200.$$

$$87764 = (F(F(8)) + 7 \times 7 + F(F(F(6)))) \times 4$$
$$877640 = (F(F(8)) + 7 \times 7 + F(F(F(6)))) \times 40$$
$$8776400 = (F(F(8)) + 7 \times 7 + F(F(F(6)))) \times 400.$$

$$87888 = (F(F(8)) + (F(7) - 8) \times 8) \times 8$$
$$878880 = (F(F(8)) + (F(7) - 8) \times 8) \times 80$$
$$8788800 = (F(F(8)) + (F(7) - 8) \times 8) \times 800.$$

$$87928 = (F(F(8)) + F(7) + F(9) - 2) \times 8$$
$$879280 = (F(F(8)) + F(7) + F(9) - 2) \times 80$$
$$8792800 = (F(F(8)) + F(7) + F(9) - 2) \times 800.$$

$$88168 = (F(F(8)) + 81 - 6) \times 8$$
$$881680 = (F(F(8)) + 81 - 6) \times 80$$
$$8816800 = (F(F(8)) + 81 - 6) \times 800.$$

$$88248 = (F(F(8)) + 82 + F(4)) \times 8$$
$$882480 = (F(F(8)) + 82 + F(4)) \times 80$$
$$8824800 = (F(F(8)) + 82 + F(4)) \times 800.$$

$$88288 = (F(F(8)) + 82 + 8) \times 8$$
$$882880 = (F(F(8)) + 82 + 8) \times 80$$
$$8828800 = (F(F(8)) + 82 + 8) \times 800.$$

$$88435 = (-F(8) + F(F(8) + F(F(F(4)))) - 3) \times 5$$
$$884350 = (-F(8) + F(F(8) + F(F(F(4)))) - 3) \times 50$$
$$8843500 = (-F(8) + F(F(8) + F(F(F(4)))) - 3) \times 500.$$

$$88495 = (-F(8) + F(F(8) + F(F(F(4)))) + 9) \times 5$$
$$884950 = (-F(8) + F(F(8) + F(F(F(4)))) + 9) \times 50$$
$$8849500 = (-F(8) + F(F(8) + F(F(F(4)))) + 9) \times 500.$$

$$88515 = (-8 + F(F(8) + F(F(F(5 - 1))))) \times 5$$
$$885150 = (-8 + F(F(8) + F(F(F(5 - 1))))) \times 50$$
$$8851500 = (-8 + F(F(8) + F(F(F(5 - 1))))) \times 500.$$

$$88545 = (F(F(8) + F(F(8 - 5))) - F(F(4))) \times 5$$
$$885450 = (F(F(8) + F(F(8 - 5))) - F(F(4))) \times 50$$
$$8854500 = (F(F(8) + F(F(8 - 5))) - F(F(4))) \times 500.$$

$$88555 = (F(F(8)) + F(F(8) - 5/5)) \times 5$$
$$885550 = (F(F(8)) + F(F(8) - 5/5)) \times 50$$
$$8855500 = (F(F(8)) + F(F(8) - 5/5)) \times 500.$$

$$88595 = (8 + F(8 + 5 + 9)) \times 5$$
$$885950 = (8 + F(8 + 5 + 9)) \times 50$$
$$8859500 = (8 + F(8 + 5 + 9)) \times 500.$$

$$88635 = (8 + 8 + F(F(F(6)) + F(F(3)))) \times 5$$
$$886350 = (8 + 8 + F(F(F(6)) + F(F(3)))) \times 50$$
$$8863500 = (8 + 8 + F(F(F(6)) + F(F(3)))) \times 500.$$

$$88728 = (F(F(8)) + F(8) \times 7 - 2) \times 8$$
$$887280 = (F(F(8)) + F(8) \times 7 - 2) \times 80$$
$$8872800 = (F(F(8)) + F(8) \times 7 - 2) \times 800.$$

$$89448 = (F(F(8)) + F(9 + 4) + F(F(4))) \times 8$$
$$894480 = (F(F(8)) + F(9 + 4) + F(F(4))) \times 80$$
$$8944800 = (F(F(8)) + F(9 + 4) + F(F(4))) \times 800.$$

$$89472 = (F(8) \times 9 + F(4)) \times F(F(7)) \times 2$$
$$894720 = (F(8) \times 9 + F(4)) \times F(F(7)) \times 20$$
$$8947200 = (F(8) \times 9 + F(4)) \times F(F(7)) \times 200.$$

$$89488 = (F(F(8)) + (F(9) - 4) \times 8) \times 8$$
$$894880 = (F(F(8)) + (F(9) - 4) \times 8) \times 80$$
$$8948800 = (F(F(8)) + (F(9) - 4) \times 8) \times 800.$$

$$89768 = (F(F(8)) + F(9) + F(F(7)) + F(6)) \times 8$$
$$897680 = (F(F(8)) + F(9) + F(F(7)) + F(6)) \times 80$$
$$8976800 = (F(F(8)) + F(9) + F(F(7)) + F(6)) \times 800.$$

$$89968 = (F(F(8)) + F(9) \times 9 - 6) \times 8$$
$$899680 = (F(F(8)) + F(9) \times 9 - 6) \times 80$$
$$8996800 = (F(F(8)) + F(9) \times 9 - 6) \times 800.$$

$$92732 = (F(9 + 2 + F(7)) - F(3)) \times 2$$
$$927320 = (F(9 + 2 + F(7)) - F(3)) \times 20$$
$$9273200 = (F(9 + 2 + F(7)) - F(3)) \times 200.$$

$$92742 = (F(9 + 2 + F(7)) + F(4)) \times 2$$
$$927420 = (F(9 + 2 + F(7)) + F(4)) \times 20$$
$$9274200 = (F(9 + 2 + F(7)) + F(4)) \times 200.$$

$$94365 = (9^{F(F(4))} \times F(F(F(3)) + 6))) \times 5$$
$$943650 = (9^{F(F(4))} \times F(F(F(3)) + 6))) \times 50$$
$$9436500 = (9^{F(F(4))} \times F(F(F(3)) + 6))) \times 500.$$

$$94647 = (-9 + F(F(4)) \times F(F(F(6)) - F(F(F(4))))) \times 7$$
$$946470 = (-9 + F(F(4)) \times F(F(F(6)) - F(F(F(4))))) \times 70$$
$$9464700 = (-9 + F(F(4)) \times F(F(F(6)) - F(F(F(4))))) \times 700.$$

$$96489 = (-9 - 6^{F(4)} + F(F(8))) \times 9$$
$$964890 = (-9 - 6^{F(4)} + F(F(8))) \times 90$$
$$9648900 = (-9 - 6^{F(4)} + F(F(8))) \times 900.$$

$$96849 = (-9 \times F(F(6)) + F(F(8)) + 4) \times 9$$
$$968490 = (-9 \times F(F(6)) + F(F(8)) + 4) \times 90$$
$$9684900 = (-9 \times F(F(6)) + F(F(8)) + 4) \times 900.$$

$$97569 = (F(F(9) - F(7)) - 5 \times F(F(6))) \times 9$$
$$975690 = (F(F(9) - F(7)) - 5 \times F(F(6))) \times 90$$
$$9756900 = (F(F(9) - F(7)) - 5 \times F(F(6))) \times 900.$$

$$97875 = (F(9 + F(7)) + 8 \times F(F(7))) \times 5$$
$$978750 = (F(9 + F(7)) + 8 \times F(F(7))) \times 50$$
$$9787500 = (F(9 + F(7)) + 8 \times F(F(7))) \times 500.$$

$$98289 = (-F(9) + F(F(8)) + F(2) + 8) \times 9$$
$$982890 = (-F(9) + F(F(8)) + F(2) + 8) \times 90$$
$$9828900 = (-F(9) + F(F(8)) + F(2) + 8) \times 900.$$

$$98373 = (-F(9) + F(F(8)) \times 3 - F(7)) \times 3$$
$$983730 = (-F(9) + F(F(8)) \times 3 - F(7)) \times 30$$
$$9837300 = (-F(9) + F(F(8)) \times 3 - F(7)) \times 300.$$

$$98471 = (9 \times (F(F(8)) - 4) - 7) \times 1$$
$$984710 = (9 \times (F(F(8)) - 4) - 7) \times 10$$
$$9847100 = (9 \times (F(F(8)) - 4) - 7) \times 100.$$

$$98521 = (9 \times F(F(8)) + 5 + 2) \times 1$$
$$985210 = (9 \times F(F(8)) + 5 + 2) \times 10$$
$$9852100 = (9 \times F(F(8)) + 5 + 2) \times 100.$$

$$98571 = (9 \times F(F(8)) + 57) \times 1$$
$$985710 = (9 \times F(F(8)) + 57) \times 10$$
$$9857100 = (9 \times F(F(8)) + 57) \times 100.$$

$$88445 = (-F(8) + F(F(8) + F(F(F(4)))) - F(F(F(4)))) \times 5$$
$$884450 = (-F(8) + F(F(8) + F(F(F(4)))) - F(F(F(4)))) \times 50$$
$$8844500 = (-F(8) + F(F(8) + F(F(F(4)))) - F(F(F(4)))) \times 500.$$

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