

Semi-Selfie Numbers and Multiplicative Selfie Equalities

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Abstract

This work is divided in two parts. One for semi-selfie numbers and another for multiplicative type selfie numbers. Author studied many ways of writing selfie numbers [30], sometimes known by wild narcissistic numbers. There are numbers very much near to selfie-number, but are not selfie numbers. These types of numbers, referred as semi-selfie numbers, where numbers are written in terms of expressions with positive and negative signs, with same digits, except the power values. This paper brings semi-selfie numbers in two different situations, one for positive sign and second for positive and negative signs. The second part of the paper brings multiplicative type selfie numbers in different situations, having the same digits on both sides of the equalities.

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1. INTRODUCTION

Before starting the work on **Semi-Selfie Numbers**, let us first see some work on **Crazy Representations** and **Selfie Numbers**. This is summarized in following two subsections with respective references [30].

1.1. Crazy Representations.

Here the number are written in such a way that, when you see, become very curious. Below are examples of two different ways of representations of natural numbers:

- *First Type.*

In this type the natural numbers are written in terms of 1 to 9 and 9 to 1 [4] in such a way that each digit is used once. See below some examples,

$$\begin{aligned}
 999 &= 12 \times 3 \times (4 + 5) + (67 + 8) \times 9 &= 9 + 8 + 7 + 654 + 321. \\
 2535 &= 1 + 2345 + (6 + 7 + 8) \times 9 &= 9 + 87 \times (6 + 5 \times 4 + 3) + 2 + 1. \\
 2607 &= 123 \times 4 \times 5 + 6 + (7 + 8) \times 9 &= 987 + 6 \times 54 \times (3 + 2) \times 1. \\
 10958 &= 12 \times 3 + \sqrt{4} + 5! \times (67 + 8 \times \sqrt{9}) &= (9 + 8 \times 7 \times 65 + 4) \times 3 - 2 + 1. \\
 11807 &= 1 \times 234 \times (5 + 6 \times 7) + 89 &= -9 + 8 + 7 \times (6 + 5) \times (4 \times 3)^2 \times 1.
 \end{aligned}$$

- *Second Type.*

Here, the natural numbers are written in such a way that both bases and powers are of same digits, but not necessarily bases and powers are of same digits [13]. See below some examples:

$$\begin{aligned}
 666 &:= -2^5 + 3^2 + 4^3 + 5^4. \\
 786 &:= -1^4 + 3^6 + 4^3 - 6^1. \\
 9711 &:= 1^3 + 2^4 + 3^8 + 4^2 + 5^5 - 8^1. \\
 9777 &:= 1^9 + 2^1 + 4^7 - 7^2 - 9^4. \\
 11110 &:= 1^1 + 2^2 + 3^9 - 5^6 + 6^5 - 9^3. \\
 11111 &:= -1^1 + 2^7 + 3^8 - 4^2 + 7^3 + 8^4.
 \end{aligned}$$

- *Third Type.*

Based on second type still we can write natural numbers in a sequential way with uniform representations. Instead working with unequal strings as of previous section, here we worked with equal string using the digits 0 to 9, i.e., using all the 10 digits, $\{0,1,2,3,4,5,6,7,8,9\}$. The results obtained are symmetric, i.e., writing in 0 to 9 or 9 to 0, the resulting number is same. See some examples below,

$$\begin{aligned}
11080 &:= 0^8 + 1^9 + 2^7 + 3^6 + 4^2 + 5^5 + 6^0 + 7^1 + 8^3 + 9^4. \\
11081 &:= 0^8 - 1^9 + 2^6 + 3^7 + 4^4 + 5^1 + 6^5 + 7^0 + 8^2 + 9^3. \\
11082 &:= 0^8 + 1^9 + 2^6 + 3^7 + 4^1 + 5^4 + 6^5 + 7^3 + 8^0 + 9^2. \\
11083 &:= 0^8 + 1^9 + 2^6 + 3^7 + 4^4 + 5^1 + 6^5 + 7^0 + 8^2 + 9^3. \\
11084 &:= 0^7 + 1^9 + 2^8 + 3^6 + 4^1 + 5^5 + 6^0 + 7^3 + 8^2 + 9^4. \\
11085 &:= 0^8 + 1^9 + 2^6 + 3^7 + 4^4 + 5^0 + 6^5 + 7^1 + 8^2 + 9^3. \\
11086 &:= 0^7 + 1^9 + 2^8 + 3^6 + 4^0 + 5^5 + 6^1 + 7^3 + 8^2 + 9^4. \\
11087 &:= 0^6 + 1^9 - 2^8 + 3^7 + 4^2 + 5^4 + 6^5 + 7^0 + 8^1 + 9^3.
\end{aligned}$$

For more details refer author's work written as a summary of other works [23].

1.2. Selife Numbers.

Recently, author studied different ways of expressing numbers in such a way that both sides are with same digits. One side is with number, and another side is an expression formed by same digits with some operations. These types of numbers we call **selfie numbers**. Some times they are called as **wild narcissistic numbers**. These numbers are represented by their own digits by use of certain operations. Subsections below give different ways of writing **selfie numbers**.

1.2.1. Selfie Numbers with Factorial and Square-Root.

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

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

Examples given above are with **factorial** and **square-root** [28, 29]. First column numbers are in **digit's order** and second columns are in **reverse order of digits**. For details refer author's work [5, 6, 7, 9, 10, 11]. Still, one can have interesting results just with **factorial** [11]. See below:

$$\begin{aligned}
1463 &= -1! + 4! + 6! + 3!!. & 352797 &= -3! + 5 - 2! - 7! + 9! - 7!. \\
10077 &= -1! - 0! - 0! + 7! + 7!. & 357592 &= -3! - 5! - 7! - 5! + 9! - 2!. \\
40585 &= 4! + 0! + 5! + 8! + 5!. & 357941 &= 3! + 5! - 7! + 9! - 4! - 1!. \\
80518 &= 8! - 0! - 5! - 1! + 8!. & 361469 &= 3! - 6! - 1! + 4! - 6! + 9!. \\
317489 &= -3! - 1! - 7! - 4! - 8! + 9!.
\end{aligned}$$

$$364292 = 3!! + 6! - 4! - 2! + 9! - 2!.$$

$$397584 = -3!! + 9! - 7! + 5! + 8! + 4!.$$

$$398173 = 3! + 9! + 8! + 1! - 7! + 3!.$$

$$408937 = -4! + 0! + 8! + 9! + 3!! + 7!.$$

$$715799 = -7! - 1! + 5! - 7! + 9! + 9!.$$

$$720599 = -7! - 2! + 0! - 5! + 9! + 9!.$$

$$145 = 1! + 4! + 5!.$$

$$733 = 7 + 3!! + 3!.$$

$$5177 = 5! + 17 + 7!.$$

$$363239 = 36 + 323 + 9!.$$

$$363269 = 363 + 26 + 9!.$$

$$403199 = 40319 + 9!.$$

1.2.2. *Fibonacci Sequence and Selfie Numbers.*

The examples given in subsection 1.2.1 are with **factorial** and **square-root**. Still, one can have similar kind of results using **Fibonacci sequence** values [24, 25, 26]. See below:

$$235 = 2 + F(F(F(3) + 5)).$$

$$256 = 2^5 \times F(6).$$

$$4427 = (F(4) + 4^2) \times F(F(7)).$$

$$46493 = F(4 \times 6) + (-4 + 9)^3.$$

$$63 = 3 \times F(F(6)).$$

$$882 = 2 \times F(8) \times F(8).$$

$$1631 = F(13) \times (6 + 1).$$

$$54128 = 8 \times (F(2) + F(1 \times 4 \times 5)).$$

First column values are in **digit's order** and the second columns values are in **reverse order of digits**.

1.2.3. *Binomial Coefficients and Selfie Numbers.*

The examples given in subsection 1.2.2 are with **Fibonacci sequence** values. Still, one can have similar kind of examples, using **Binomial coefficients** [33]. See below some examples,

$$6435 := C(C(6, 4), 3 + 5) = C(5 \times 3, \sqrt{4} + 6).$$

$$15504 := C(15 + 5, 0! + 4) = C(4 \times 05, 5 \times 1).$$

$$42504 := C(4!, \sqrt{2 \times 50/4}) = C(4!, -05 + 24).$$

$$54264 := C(5 + 4^2, C(6, 4)) = C(4! - 6/2, (\sqrt{4+5})!).$$

$$74613 := C(7 \times 4 - 6, 1 \times 3!) = C(3! + 16, (-4 + 7)!).$$

$$2650 := C(-1 + 26, 5 - 0!).$$

$$12870 := C(1 \times 2 \times 8, 7 + 0!).$$

$$14950 := C(-1 + 4! + \sqrt{9}, 5 - 0!).$$

$$18564 := C(18, (5 - 6 + 4)!).$$

$$19448 := C(19 - \sqrt{4}, \sqrt{4} + 8).$$

$$26334 := C(2 + C(6, 3), 3 + \sqrt{4}).$$

$$53130 := C(5^{3-1}, 3! - 0!).$$

$$28 := C(8, 2).$$

$$792 := C(2 \times (\sqrt{9})!, 7).$$

$$924 := C(4!/2, (\sqrt{9})!).$$

$$2024 := C(4!, 2 + (0 \times 2)!).$$

$$00378 := C(C(8, \sqrt{7-3}), 0! + 0!).$$

$$00792 := C(2 \times (\sqrt{9})!, 7 - 0! - 0!).$$

$$00924 := C(4!/2, \sqrt{9} \times (0! + 0!)).$$

Above numbers are in **digit's order**, **reverse order of digits** and in **both ways**. For more details refer [33].

1.2.4. Flexible Power Selfie Numbers.

Below are examples of **selfie numbers** in such a way that where powers and bases are with same digits, but with different permutations [12, 15, 16, 17]:

$$\begin{array}{ll}
 23 = -2^2 + 3^3. & 397612 = 3^2 + 9^1 + 7^6 + 6^7 + 1^9 + 2^3. \\
 1654 = -1^6 + 6^1 + 5^4 + 4^5. & 423858 = 4^3 + 2^8 + 3^4 + 8^2 + 5^8 + 8^5. \\
 3435 = 3^3 + 4^4 + 3^3 + 5^5. & 637395 = 6^5 + 3^3 + 7^3 + 3^9 + 9^6 + 5^7. \\
 4355 = 4^5 + 3^4 + 5^3 + 5^5. & 758014 = 7^7 + 5^1 + 8^0 + 0^5 + 1^4 - 4^8. \\
 39339 = -3^3 + 9^3 + 3^9 + 3^9 - 9^3. & 778530 = 7^7 + 7^3 + 8^5 - 5^7 + 3^0 + 0^8. \\
 46360 = 4^0 + 6^6 - 3^4 - 6^3 + 0^6. & 804637 = 8^0 + 0^4 - 4^8 + 6^6 - 3^3 + 7^7.
 \end{array}$$

1.2.5. Selfie Fraction.

Selfie fractions are formed in such a way that numerator and denominator are with same digits. One side is number and another side with same digits with basic operations [18, 19, 20]. See below some examples:

$$\begin{array}{ll}
 \frac{182}{6734} := \frac{18 + 2}{6 + 734}. & \frac{4980}{5312} := \frac{4 - 9 + 80}{5 \times (3 + 1)^2}. \\
 \frac{416}{728} := \frac{4 \times 16}{7 \times 2 \times 8}. & \frac{3249}{5168} := \frac{(3 + 2^4) \times 9}{(5 - 1) \times 68}.
 \end{array}$$

Still, one can have **equivalent selfie fractions** with same properties [21, 22]. See examples below:

$$\begin{array}{l}
 \frac{284}{639} := \frac{2 \times 8 + 4}{6 + 39} = \frac{28 + 4}{6 \times (3 + 9)}. \\
 \frac{302}{8154} := \frac{30 \times 2}{81 \times 5 \times 4} = \frac{3 + 02}{81 + 54} = \frac{3 - 02}{81 - 54}. \\
 \frac{73842}{90516} := \frac{7 - 3 \times (8 - 4^2)}{9 \times 05 - 1 - 6} = \frac{7 \times (3 + 8) + 4^2}{90 + (5 - 1) \times 6} = \frac{738 + 4 + 2}{905 + 1 + 6}.
 \end{array}$$

1.2.6. Narcissistic-Type Selfie Numbers.

In case of **narcissistic numbers**, the powers are always fixed, for example $153 = 1^3 + 5^3 + 3^3$, but still, one can have numbers with flexible power and also with positive and negative signs. This we call as **narcissistic-type selfie numbers** [14]. See below few examples,

$$\begin{array}{ll}
 24 = 2^3 + 4^2. & 2352 = 2^3 + 3^7 + 5^3 + 2^5. \\
 48 = -4^2 + 8^2. & 2374 = -2^1 - 3^2 + 7^4 - 4^2. \\
 267 = 2^1 + 6^3 + 7^2. & 10693 = 1^1 + 0^1 + 6^5 + 9^3 + 3^7. \\
 2345 = 2^5 + 3^7 + 4^0 + 5^3. & 10846 = -1^1 - 0^0 + 8^4 - 4^5 + 6^5.
 \end{array}$$

These numbers are different from the one given in subsection 1.2.4. In subsection 1.2.4, the powers and bases are with same digits, while, here the powers don't have any relations with bases.

1.2.7. Narcissistic-Type Selfie Numbers with Division.

Following same idea of above subsection 1.2.6 one can have **narcissistic-type selfie numbers with division** [14]. See examples below. These are divided in two types. The first column is with fixed powers and second column with variable powers:

$$2464 = \frac{2^5 + 4^5 + 6^5 + 4^5}{2^0 + 4^0 + 6^0 + 4^0}.$$

$$4714 = \frac{4^5 + 7^5 + 1^5 + 4^5}{4^0 + 7^0 + 1^0 + 4^0}.$$

$$5247 = \frac{5^5 + 2^5 + 4^5 + 7^5}{5^0 + 2^0 + 4^0 + 7^0}.$$

$$8200 = \frac{8^5 + 2^5 + 0^5 + 0^5}{8^0 + 2^0 + 0^0 + 0^0}.$$

$$353 = \frac{-3^5 - 5^2 + 3^9}{3^1 + 5^2 + 3^3}.$$

$$1337 = \frac{1^0 + 3^1 + 3^1 + 7^6}{-1^0 + 3^0 + 3^4 + 7^1}.$$

$$10954 = \frac{-1^0 - 0^0 + 9^3 + 5^2 + 4^9}{1^0 + 0^0 + 9^0 + 5^1 + 4^2}.$$

$$10958 = \frac{-1^0 + 0^0 + 9^2 + 5^2 + 8^5}{-1^0 + 0^0 + 9^0 + 5^0 + 8^0}.$$

It is understood that $a^0 := 0$, $a \neq 0$ and $0^0 := 1$.

2. SEMI-SELFIE NUMBERS

In Madachy [3], p.167-170, and Heinz [1], there exists numbers written in terms of its digits, separated by addition. See below:

$$81 = (8 + 1)^2$$

$$512 = (5 + 1 + 2)^3$$

$$4913 = (4 + 9 + 1 + 3)^3$$

$$17576 = (1 + 7 + 5 + 7 + 6)^3$$

$$234256 = (2 + 3 + 4 + 2 + 5 + 6)^4$$

$$1679616 = (1 + 6 + 7 + 9 + 6 + 1 + 6)^4$$

$$17210368 = (1 + 7 + 2 + 1 + 0 + 3 + 6 + 8)^5$$

$$205962976 = (2 + 0 + 5 + 9 + 6 + 2 + 9 + 7 + 6)^5$$

$$8303765625 = (8 + 3 + 0 + 3 + 7 + 6 + 5 + 6 + 2 + 5)^6$$

$$24794911296 = (2 + 4 + 7 + 9 + 4 + 9 + 1 + 1 + 2 + 9 + 6)^6$$

$$271818611107 = (2 + 7 + 1 + 8 + 1 + 8 + 6 + 1 + 1 + 1 + 0 + 7)^7$$

$$6722988818432 = (6 + 7 + 2 + 2 + 9 + 8 + 8 + 8 + 1 + 8 + 4 + 3 + 2)^7$$

$$72301961339136 = (7 + 2 + 3 + 0 + 1 + 9 + 6 + 1 + 3 + 3 + 9 + 1 + 3 + 6)^8$$

$$248155780267521 = (2 + 4 + 8 + 1 + 5 + 5 + 7 + 8 + 0 + 2 + 6 + 7 + 5 + 2 + 1)^8.$$

The structure is in such a way that the both sides we have same digits except the power. Let us call it **Semi-Selfie Numbers**. Moreover, above numbers are separated by a single digit and are with positive sign. The aim of the work is bring similar kind of numbers but with positive and negative signs. Also, the idea is to extend of any number of digits instead of single one, for examples the numbers 234256 and 1679616 can also be written as

$$234256 := (2 + 3 + 4 + 2 + 5 + 6)^4 = (-234 + 256)^4.$$

$$1679616 = (1 + 6 + 7 + 9 + 6 + 1 + 6)^4 = (1 + 679 + 616)^2.$$

Below are more examples divided in two subsections. One only for positive sign and another for positive and negative signs. Due to memory problems, we are only able to bring results up to seven digits. There are only few examples with eight digits. Further study shall be dealt elsewhere.

2.1. Positive Sign.

This subsection deals with **semi-selfie numbers** only with positive sign.

$$81 := (8 + 1)^2.$$

$$100 := (10 + 0)^2.$$

$$512 := (5 + 1 + 2)^3.$$

$$1000 := (10 + 00)^3.$$

$$1296 := (1 + 29 + 6)^2.$$

$$2025 := (20 + 25)^2.$$

$$2401 := (2 + 4 + 01)^4.$$

$$3025 := (30 + 25)^2.$$

$$4913 := (4 + 9 + 1 + 3)^3.$$

$$5832 := (5 + 8 + 3 + 2)^3.$$

$$6724 := (6 + 72 + 4)^2.$$

$$8281 := (8 + 2 + 81)^2$$

$$:= (82 + 8 + 1)^2.$$

$$9801 := (98 + 01)^2.$$

$$10000 := (10 + 00 + 0)^4$$

$$:= (100 + 00)^2.$$

$$17576 := (1 + 7 + 5 + 7 + 6)^3.$$

$$19683 := (1 + 9 + 6 + 8 + 3)^3.$$

$$21952 := (2 + 19 + 5 + 2)^3.$$

$$55225 := (5 + 5 + 225)^2.$$

$$88209 := (88 + 209)^2.$$

$$91125 := (9 + 11 + 25)^3.$$

$$100000 := (10 + 00 + 00)^5.$$

$$130321 := (13 + 03 + 2 + 1)^4.$$

$$136161 := (1 + 361 + 6 + 1)^2.$$

$$136900 := (1 + 369 + 00)^2.$$

$$143641 := (14 + 364 + 1)^2.$$

$$166375 := (1 + 6 + 6 + 37 + 5)^3.$$

$$171396 := (17 + 1 + 396)^2.$$

$$234256 := (2 + 3 + 4 + 2 + 5 + 6)^4.$$

$$238328 := (23 + 8 + 3 + 28)^3.$$

$$250047 := (2 + 50 + 04 + 7)^3.$$

$$357911 := (3 + 57 + 9 + 1 + 1)^3.$$

$$373248 := (37 + 3 + 24 + 8)^3.$$

$$390625 := (3 + 9 + 06 + 2 + 5)^4.$$

$$431649 := (4 + 3 + 1 + 649)^2.$$

$$455625 := (45 + 5 + 625)^2.$$

$$494209 := (494 + 209)^2.$$

$$531441 := (5 + 3 + 14 + 4 + 1)^4$$

$$:= (5 + 31 + 4 + 41)^3.$$

$$:= (5 + 31 + 44 + 1)^3.$$

$$551368 := (5 + 5 + 1 + 3 + 68)^3$$

$$:= (55 + 13 + 6 + 8)^3.$$

$$571536 := (5 + 715 + 36)^2.$$

$$614656 := (6 + 1 + 4 + 6 + 5 + 6)^4.$$

$$627264 := (62 + 726 + 4)^2.$$

$$704969 := (7 + 04 + 9 + 69)^3.$$

$$\begin{aligned}
753571 &:= (7 + 5 + 3 + 5 + 71)^3 \\
&:= (75 + 3 + 5 + 7 + 1)^3. \\
826281 &:= (826 + 2 + 81)^2. \\
842724 &:= (842 + 72 + 4)^2. \\
893025 &:= (8 + 930 + 2 + 5)^2. \\
929296 &:= (929 + 29 + 6)^2. \\
970299 &:= (9 + 70 + 2 + 9 + 9)^3. \\
980100 &:= (980 + 10 + 0)^2. \\
982081 &:= (982 + 08 + 1)^2. \\
998001 &:= (998 + 00 + 1)^2. \\
1000000 &:= (10 + 00 + 00 + 0)^6 \\
&:= (100 + 00 + 00)^3 \\
&:= (1000 + 00 + 0)^2. \\
1225043 &:= (12 + 2 + 50 + 43)^3. \\
1259712 &:= (1 + 2 + 5 + 97 + 1 + 2)^3 \\
&:= (1 + 25 + 9 + 71 + 2)^3. \\
1295029 &:= (1 + 2 + 95 + 02 + 9)^3 \\
1295029 &:= (1 + 29 + 50 + 29)^3. \\
1336336 &:= (13 + 3 + 6 + 3 + 3 + 6)^4. \\
1560896 &:= (1 + 5 + 6 + 08 + 96)^3 \\
&:= (15 + 6 + 089 + 6)^3. \\
1679616 &:= (1 + 6 + 7 + 9 + 6 + 1 + 6)^4 \\
&:= (1 + 679 + 616)^2. \\
1874161 &:= (1 + 8 + 7 + 4 + 16 + 1)^4. \\
1874161 &:= (18 + 7 + 4 + 1 + 6 + 1)^4. \\
1953125 &:= (1 + 95 + 3 + 1 + 25)^3. \\
2406104 &:= (24 + 06 + 104)^3. \\
2515456 &:= (25 + 1 + 54 + 56)^3. \\
2896804 &:= (2 + 896 + 804)^2. \\
2924207 &:= (2 + 92 + 42 + 07)^3. \\
2985984 &:= (29 + 8 + 5 + 98 + 4)^3. \\
3048625 &:= (30 + 4 + 86 + 25)^3 \\
&:= (30 + 48 + 62 + 5)^3. \\
3175524 &:= (3 + 1755 + 24)^2. \\
3581577 &:= (3 + 5 + 81 + 57 + 7)^3 \\
&:= (3 + 58 + 15 + 77)^3. \\
3652264 &:= (3 + 65 + 22 + 64)^3. \\
3652264 &:= (36 + 52 + 2 + 64)^3. \\
4100625 &:= (4 + 10 + 06 + 25)^4. \\
4173281 &:= (4 + 1 + 73 + 2 + 81)^3 \\
&:= (41 + 7 + 32 + 81)^3. \\
4941729 &:= (494 + 1729)^2. \\
5929741 &:= (5 + 92 + 9 + 74 + 1)^3. \\
6644672 &:= (6 + 64 + 46 + 72)^3 \\
&:= (66 + 4 + 46 + 72)^3 \\
&:= (66 + 44 + 6 + 72)^3. \\
6751269 &:= (67 + 51 + 2 + 69)^3. \\
7311616 &:= (7 + 31 + 1 + 6 + 1 + 6)^4. \\
7441984 &:= (744 + 1984)^2. \\
7645373 &:= (7 + 64 + 53 + 73)^3 \\
&:= (76 + 45 + 3 + 73)^3. \\
7762392 &:= (7 + 76 + 23 + 92)^3 \\
&:= (77 + 6 + 23 + 92)^3. \\
7880599 &:= (7 + 8 + 80 + 5 + 99)^3. \\
7880599 &:= (7 + 88 + 0 + 5 + 99)^3. \\
8503056 &:= (8 + 5 + 0 + 30 + 5 + 6)^4. \\
8741816 &:= (8 + 7 + 4 + 181 + 6)^3. \\
8869743 &:= (88 + 69 + 7 + 43)^3. \\
8998912 &:= (8 + 9 + 98 + 91 + 2)^3 \\
&:= (8 + 99 + 8 + 91 + 2)^3 \\
&:= (8 + 99 + 89 + 12)^3 \\
&:= (89 + 98 + 9 + 12)^3. \\
9150625 &:= (9 + 15 + 0 + 6 + 25)^4. \\
9938375 &:= (99 + 38 + 3 + 75)^3. \\
10000000 &:= (10 + 00 + 00 + 00)^7. \\
10077696 &:= (100 + 7 + 7 + 6 + 96)^3.
\end{aligned}$$

$$11239424 := (1 + 123 + 94 + 2 + 4)^3.$$

$$11316496 := (1 + 1 + 31 + 6 + 4 + 9 + 6)^4.$$

$$11329956 := (11 + 3299 + 56)^2.$$

$$11543176 := (1 + 1 + 5 + 43 + 176)^3.$$

$$11543176 := (115 + 4 + 31 + 76)^3.$$

$$12649337 := (126 + 4 + 93 + 3 + 7)^3.$$

$$12812904 := (128 + 12 + 90 + 4)^3.$$

$$12977875 := (129 + 7 + 7 + 87 + 5)^3.$$

$$13293316 := (1 + 329 + 3316)^2.$$

2.2. Positive and Negative Signs.

This subsection deals with **semi-selfie numbers** with both positive and negative signs.

$$64 := (6 - 4)^6.$$

$$121 := (12 - 1)^2.$$

$$196 := (-1 + 9 + 6)^2.$$

$$243 := (2 + 4 - 3)^5.$$

$$512 := (5 - 1 - 2)^9.$$

$$1024 := (10 - 2 - 4)^5.$$

$$1296 := (1 + 2 + 9 - 6)^4.$$

$$1331 := (13 - 3 + 1)^3.$$

$$1728 := (-1 + 7 - 2 + 8)^3.$$

$$1936 := (-1 + 9 + 36)^2.$$

$$2048 := (-2 + 0 - 4 + 8)^{11}.$$

$$2197 := (-2 - 1 + 9 + 7)^3.$$

$$3125 := (3 - 1 - 2 + 5)^5$$

$$:= (-3 + 1 + 2 + 5)^5.$$

$$3364 := (-3 - 3 + 64)^2.$$

$$3969 := (3 - 9 + 69)^2.$$

$$5776 := (5 + 77 - 6)^2.$$

$$6084 := (-6 + 084)^2.$$

$$7396 := (-7 - 3 + 96)^2.$$

$$8192 := (8 + 1 - 9 + 2)^{13}.$$

$$:= (-8 - 1 + 9 + 2)^{13}.$$

$$10201 := (102 + 0 - 1)^2.$$

$$11881 := (118 - 8 - 1)^2.$$

$$12167 := (1 + 21 - 6 + 7)^3.$$

$$12996 := (129 - 9 - 6)^2.$$

$$14641 := (14 - 6 + 4 - 1)^4.$$

$$15129 := (-1 - 5 + 129)^2.$$

$$15625 := (1 + 5 + 6 - 2 - 5)^6$$

$$:= (1 - 5 + 6 - 2 + 5)^6$$

$$:= (-1 + 5 - 6 + 2 + 5)^6$$

$$:= (1 + 5 - 6 + 25)^3$$

$$:= (-1 - 5 + 6 + 25)^3.$$

$$16384 := (1 - 6 + 3 + 8 - 4)^{14}$$

$$:= (-1 + 6 + 3 - 8 + 4)^7$$

$$:= (-1 - 6 - 3 + 8 + 4)^{14}$$

$$:= (1 - 6 - 3 + 8 + 4)^7.$$

$$17161 := (-1 + 71 + 61)^2.$$

$$17956 := (-1 + 79 + 56)^2.$$

$$19683 := (-1 + 9 + 6 - 8 - 3)^9$$

$$:= (1 - 9 + 6 + 8 - 3)^9.$$

$$20736 := (2 + 07 - 3 + 6)^4.$$

$$32768 := (-3 + 2 + 7 - 6 + 8)^5$$

$$:= (-3 - 2 - 7 + 6 + 8)^{15}$$

$$:= (3 - 2 - 7 + 6 + 8)^5$$

$$:= (3 + 27 - 6 + 8)^3.$$

$$38416 := (-3 + 8 + 4 - 1 + 6)^4.$$

$$38416 := (3 + 8 - 4 + 1 + 6)^4.$$

$$39204 := (3 - 9 + 204)^2.$$

$$46225 := (-4 - 6 + 225)^2.$$

$$46656 := (-4 + 66 - 56)^6.$$

$$54872 := (-5 + 48 - 7 + 2)^3.$$

$$59049 := (5 + 9 + 04 - 9)^5$$

$$:= (-5 + 9 + 0 - 4 + 9)^5$$

$$:= (5 - 9 + 04 + 9)^5.$$

$$78125 := (-7 + 8 + 1 - 2 + 5)^7$$

$$:= (7 - 8 - 1 + 2 + 5)^7.$$

$$82369 := (-82 + 369)^2.$$

$$83521 := (8 + 3 + 5 + 2 - 1)^4.$$

$$97336 := (9 + 73 - 36)^3.$$

$$103823 := (10 + 38 + 2 - 3)^3.$$

$$104329 := (-10 + 4 + 329)^2.$$

$$104976 := (10 + 4 - 9 + 7 + 6)^4.$$

$$110592 := (1 - 10 + 59 - 2)^3.$$

$$117649 := (11 + 7 - 6 + 4 - 9)^6$$

$$:= (-11 + 7 + 6 - 4 + 9)^6$$

$$:= (1 + 17 - 6 + 4 - 9)^6.$$

$$118336 := (1 - 1 + 8 + 336)^2$$

$$:= (-1 + 1 + 8 + 336)^2.$$

$$131072 := (1 - 3 - 1 + 07 - 2)^{17}$$

$$:= (-1 - 3 + 1 + 07 - 2)^{17}$$

$$:= (-13 + 10 + 7 - 2)^{17}.$$

$$132496 := (-132 + 496)^2.$$

$$132651 := (1 + 3 + 2 - 6 + 51)^3.$$

$$132651 := (-1 - 3 - 2 + 6 + 51)^3.$$

$$132651 := (-13 - 2 + 65 + 1)^3.$$

$$138384 := (1 + 383 - 8 - 4)^2.$$

$$:= (-1 - 3 - 8 + 384)^2.$$

$$148877 := (-1 + 48 - 8 + 7 + 7)^3.$$

$$157464 := (-1 + 57 - 4 + 6 - 4)^3.$$

$$161051 := (16 + 1 + 0 - 5 - 1)^5$$

$$:= (16 - 1 + 0 - 5 + 1)^5$$

$$:= (1 + 6 + 10 - 5 - 1)^5$$

$$:= (-1 + 6 + 10 - 5 + 1)^5$$

$$:= (1 - 6 + 10 + 5 + 1)^5$$

$$:= (1 + 61 + 0 - 51)^5.$$

$$175616 := (-1 + 7 - 5 + 61 - 6)^3.$$

$$:= (1 - 7 - 5 + 61 + 6)^3.$$

$$177147 := (1 + 7 + 7 - 1 - 4 - 7)^{11}$$

$$:= (-1 + 7 + 7 + 1 - 4 - 7)^{11}$$

$$:= (1 + 7 - 7 - 1 - 4 + 7)^{11}$$

$$:= (1 - 7 + 7 - 1 - 4 + 7)^{11}.$$

$$177147 := (-1 + 7 - 7 + 1 - 4 + 7)^{11}$$

$$:= (-1 - 7 + 7 + 1 - 4 + 7)^{11}$$

$$:= (17 + 7 - 14 - 7)^{11}$$

$$:= (17 - 7 - 14 + 7)^{11}.$$

$$185193 := (18 + 51 - 9 - 3)^3.$$

$$194481 := (1 - 9 + 448 + 1)^2.$$

$$195112 := (1 + 9 + 51 - 1 - 2)^3$$

$$:= (-1 + 9 + 51 + 1 - 2)^3$$

$$:= (19 + 51 - 12)^3.$$

$$213444 := (21 - 3 + 444)^2.$$

$$234256 := (23 - 4 + 2 - 5 + 6)^4$$

$$:= (2 - 3 + 4 + 25 - 6)^4$$

$$:= (-2 - 3 - 4 + 25 + 6)^4$$

$$:= (2 - 34 - 2 + 56)^4$$

$$:= (-2 - 34 + 2 + 56)^4$$

$$:= (-234 + 256)^4.$$

$$245025 := (2 - 4 + 502 - 5)^2.$$

$$262144 := (2 - 6 - 2 + 14 - 4)^9$$

$$:= (-2 - 6 + 2 + 14 - 4)^9$$

$$:= (2 - 6 + 2 + 14 - 4)^6$$

$$:= (-2 - 6 - 2 + 14 + 4)^6.$$

$$273529 := (-2 - 7 + 3 + 529)^2.$$

$$\begin{aligned} 279841 &:= (2 + 7 + 9 + 8 - 4 + 1)^4 \\ &:= (27 + 9 - 8 - 4 - 1)^4 \\ &:= (27 - 9 + 8 - 4 + 1)^4. \end{aligned}$$

$$\begin{aligned} 279936 &:= (2 + 7 + 9 - 9 + 3 - 6)^7 \\ &:= (2 + 7 - 9 + 9 + 3 - 6)^7 \\ &:= (-2 - 7 + 9 + 9 + 3 - 6)^7 \\ &:= (27 - 9 - 9 + 3 - 6)^7 \\ &:= (-2 - 79 + 93 - 6)^7. \end{aligned}$$

$$287496 := (-2 + 87 - 4 - 9 - 6)^3.$$

$$300763 := (-3 + 00 + 7 + 63)^3.$$

$$314432 := (31 - 4 + 43 - 2)^3.$$

$$326041 := (-32 + 604 - 1)^2.$$

$$\begin{aligned} 331776 &:= (33 - 1 - 7 - 7 + 6)^4 \\ &:= (3 + 3 + 17 + 7 - 6)^4 \\ &:= (-3 - 3 + 17 + 7 + 6)^4. \end{aligned}$$

$$357911 := (-3 - 5 + 79 + 1 - 1)^3.$$

$$357911 := (-3 - 5 + 79 - 1 + 1)^3.$$

$$363609 := (3 - 6 - 3 + 609)^2.$$

$$363609 := (-3 - 6 + 3 + 609)^2.$$

$$\begin{aligned} 371293 &:= (3 + 7 - 1 - 2 + 9 - 3)^5 \\ &:= (-3 + 7 + 1 + 2 + 9 - 3)^5 \\ &:= (-3 + 7 - 1 - 2 + 9 + 3)^5 \\ &:= (37 - 12 - 9 - 3)^5. \end{aligned}$$

$$373248 := (-3 + 73 - 2 - 4 + 8)^3.$$

$$389017 := (-3 - 8 + 90 + 1 - 7)^3.$$

$$\begin{aligned} 390625 &:= (-3 + 9 + 06 - 2 - 5)^8 \\ &:= (-3 + 9 + 0 - 6 + 25)^4 \\ &:= (3 - 9 + 06 + 25)^4. \end{aligned}$$

$$421875 := (-4 - 2 - 1 + 87 - 5)^3.$$

$$421875 := (4 - 21 + 87 + 5)^3.$$

$$\begin{aligned} 438976 &:= (-4 - 3 - 8 + 97 - 6)^3 \\ &:= (4 - 3 + 8 - 9 + 76)^3 \\ &:= (-4 + 3 - 8 + 9 + 76)^3. \end{aligned}$$

$$\begin{aligned} 456533 &:= (45 - 6 + 5 + 33)^3 \\ &:= (45 + 65 - 33)^3 \\ &:= (-456 + 533)^3. \end{aligned}$$

$$469225 := (-4 + 692 + 2 - 5)^2$$

$$470596 := (-4 + 705 - 9 - 6)^2.$$

$$\begin{aligned} 474552 &:= (-4 + 74 + 5 + 5 - 2)^3 \\ &:= (-474 + 552)^3. \end{aligned}$$

$$\begin{aligned} 531441 &:= (5 + 31 - 4 - 4 - 1)^4 \\ &:= (-5 + 31 + 4 - 4 + 1)^4 \\ &:= (-5 + 31 - 4 + 4 + 1)^4 \\ &:= (-5 - 3 + 14 + 4 - 1)^6 \\ &:= (-5 - 3 + 14 - 4 + 1)^{12}. \end{aligned}$$

$$\begin{aligned} 531441 &:= (-5 + 3 + 14 - 4 + 1)^6 \\ &:= (53 + 1 - 44 - 1)^6 \\ &:= (53 - 1 - 44 + 1)^6 \\ &:= (53 + 1 - 4 - 41)^6 \\ &:= (-5 - 31 + 44 + 1)^6 \\ &:= (-5 - 31 + 4 + 41)^6. \end{aligned}$$

$$537824 := (53 - 7 - 8 - 24)^5.$$

$$551368 := (55 - 1 + 36 - 8)^3.$$

$$\begin{aligned} 571787 &:= (-5 + 7 + 1 - 7 + 87)^3 \\ &:= (-5 - 7 + 1 + 7 + 87)^3. \end{aligned}$$

$$592704 := (-5 + 92 - 7 + 04)^3.$$

$$608400 := (-60 + 840 + 0)^2.$$

$$614656 := (-6 - 1 + 46 - 5 - 6)^4.$$

$$636056 := (-6 + 36 + 056)^3.$$

$$\begin{aligned} 644809 &:= (-6 + 4 - 4 + 809)^2 \\ &:= (-6 - 4 + 4 + 809)^2. \end{aligned}$$

$$648025 := (-6 + 4 + 802 + 5)^2.$$

$$658503 := (-6 + 5 + 85 + 03)^3.$$

$$678976 := (-67 + 897 - 6)^2.$$

$$680625 := (-6 + 806 + 25)^2.$$

$$\begin{aligned} 681472 &:= (6 + 81 - 4 + 7 - 2)^3 \\ &:= (-6 + 81 + 4 + 7 + 2)^3 \\ &:= (-6 + 8 + 14 + 72)^3. \end{aligned}$$

$$\begin{aligned} 707281 &:= (7 + 0 - 7 + 28 + 1)^4 \\ &:= (-7 + 07 + 28 + 1)^4. \end{aligned}$$

$$763876 := (7 - 6 - 3 + 876)^2.$$

$$790321 := (7 + 903 - 21)^2.$$

$$804357 := (80 + 4 - 3 + 5 + 7)^3.$$

$$808201 := (80 + 820 - 1)^2.$$

$$\begin{aligned} 823543 &:= (8 - 2 + 3 + 5 - 4 - 3)^7 \\ &:= (8 + 2 + 3 - 5 - 4 + 3)^7 \\ &:= (8 - 2 - 3 + 5 - 4 + 3)^7 \\ &:= (-8 - 23 - 5 + 43)^7. \end{aligned}$$

$$829921 := (-82 + 992 + 1)^2.$$

$$830584 := (8 - 3 + 05 + 84)^3.$$

$$839056 := (8 - 3 + 905 + 6)^2.$$

$$853776 := (853 + 77 - 6)^2.$$

$$877969 := (877 - 9 + 69)^2.$$

$$\begin{aligned} 884736 &:= (88 + 4 + 7 + 3 - 6)^3 \\ &:= (8 + 84 + 7 + 3 - 6)^3. \end{aligned}$$

$$894916 := (-8 + 949 - 1 + 6)^2.$$

$$912673 := (91 + 2 - 6 + 7 + 3)^3.$$

$$\begin{aligned} 919681 &:= (-9 + 1 + 968 - 1)^2 \\ &:= (-9 - 1 + 968 + 1)^2. \end{aligned}$$

$$923521 := (-9 + 2 + 35 + 2 + 1)^4.$$

$$\begin{aligned} 941192 &:= (94 + 11 - 9 + 2)^3 \\ &:= (-9 + 4 + 11 + 92)^3. \end{aligned}$$

$$\begin{aligned} 970299 &:= (97 + 02 + 9 - 9)^3 \\ &:= (97 + 02 - 9 + 9)^3 \\ &:= (9 - 7 + 0 - 2 + 99)^3 \\ &:= (-9 + 7 + 02 + 99)^3 \\ &:= (9 + 70 + 29 - 9)^3 \\ &:= (-9 + 70 + 29 + 9)^3. \end{aligned}$$

$$972196 := (972 - 1 + 9 + 6)^2$$

$$978121 := (978 + 12 - 1)^2.$$

$$1002001 := (1002 + 00 - 1)^2.$$

$$1018081 := (1018 + 0 - 8 - 1)^2.$$

$$1020100 := (1020 - 10 + 0)^2.$$

$$1022121 := (1022 - 12 + 1)^2.$$

$$1028196 := (1028 + 1 - 9 - 6)^2.$$

$$1030301 := (103 + 0 - 3 + 01)^3.$$

$$\begin{aligned} 1048576 &:= (-1 + 0 - 4 + 85 - 76)^{10} \\ &:= (-1 + 0 - 48 + 5 + 76)^4 \\ &:= (1 + 0 - 48 + 57 + 6)^5 \\ &:= (1 + 0 - 48 + 57 - 6)^{10} \\ &:= (-1 + 0 - 48 + 57 - 6)^{20}. \end{aligned}$$

$$\begin{aligned} 1048576 &:= (10 + 4 + 8 - 5 - 7 + 6)^5 \\ &:= (10 + 4 + 8 - 5 - 7 - 6)^{10} \\ &:= (-10 + 4 - 8 + 5 + 7 + 6)^{10} \\ &:= (10 + 4 - 8 - 5 + 7 - 6)^{20} \\ &:= (-10 + 48 - 5 - 7 + 6)^4. \end{aligned}$$

$$\begin{aligned} 1048576 &:= (10 - 4 + 8 + 5 + 7 + 6)^4 \\ &:= (-10 - 4 + 8 - 5 + 7 + 6)^{20} \\ &:= (10 - 4 - 8 + 5 + 7 + 6)^5 \\ &:= (10 - 4 - 8 + 5 + 7 - 6)^{10} \\ &:= (10 - 4 - 8 + 5 - 7 + 6)^{20} \\ &:= (104 - 85 + 7 + 6)^4. \end{aligned}$$

$$1061208 := (106 - 12 + 08)^3.$$

$$1089936 := (1089 - 9 - 36)^2.$$

$$1092727 := (-1 + 092 + 7 - 2 + 7)^3.$$

$$1119364 := (1119 + 3 - 64)^2.$$

$$1124864 := (-1 - 1 + 24 + 86 - 4)^3.$$

$$1157625 := (115 - 7 - 6 - 2 + 5)^3.$$

$$1162084 := (1162 + 0 - 84)^2.$$

$$1179396 := (1179 + 3 - 96)^2.$$

$$\begin{aligned} 1185921 &:= (-1 + 1 + 8 - 5 + 9 + 21)^4 \\ &:= (1 - 1 + 8 - 5 + 9 + 21)^4. \end{aligned}$$

$$1191016 := (1 + 1 + 9 + 101 - 6)^3.$$

$$1201216 := (-120 + 1216)^2.$$

$$1229881 := (-1 + 229 + 881)^2.$$

$$:= (122 + 988 - 1)^2.$$

$$1259712 := (125 - 9 - 7 + 1 - 2)^3.$$

$$1261129 := (-12 + 6 + 1129)^2.$$

$$1331000 := (13 - 3 + 100 + 0)^3.$$

$$1336336 := (1 + 3 + 3 + 63 - 36)^4$$

$$:= (1 + 3 + 36 + 3 - 3 - 6)^4$$

$$:= (1 + 3 + 36 - 3 + 3 - 6)^4$$

$$:= (1 + 3 + 3 - 6 - 3 + 36)^4$$

$$:= (1 + 33 + 6 + 3 - 3 - 6)^4.$$

$$1336336 := (1 + 3 - 3 + 6 + 33 - 6)^4$$

$$:= (1 + 33 + 6 - 3 + 3 - 6)^4$$

$$:= (1 + 3 - 3 - 6 + 3 + 36)^4$$

$$:= (1 + 33 - 6 + 3 - 3 + 6)^4$$

$$:= (1 + 3 - 3 - 6 + 33 + 6)^4.$$

$$1336336 := (1 + 33 - 6 - 3 + 3 + 6)^4$$

$$:= (1 - 3 + 3 + 6 + 33 - 6)^4$$

$$:= (1 - 3 + 36 + 3 + 3 - 6)^4$$

$$:= (1 - 3 + 3 - 6 + 3 + 36)^4.$$

$$1336336 := (1 - 3 + 3 - 6 + 33 + 6)^4$$

$$:= (1 - 3 + 36 - 3 - 3 + 6)^4$$

$$:= (1 - 3 - 3 + 6 - 3 + 36)^4$$

$$:= (1 - 33 + 63 - 3 + 6)^4$$

$$:= (133 - 63 - 36)^4.$$

$$1367631 := (1 + 36 + 76 - 3 + 1)^3$$

$$:= (1 - 3 + 6 + 76 + 31)^3.$$

$$1419857 := (-1 + 4 + 1 + 9 - 8 + 5 + 7)^5$$

$$:= (1 + 4 + 1 - 9 + 8 + 5 + 7)^5$$

$$:= (-1 + 4 - 1 + 9 + 8 + 5 - 7)^5$$

$$:= (1 + 4 - 1 + 9 - 8 + 5 + 7)^5$$

$$:= (1 - 4 + 1 + 9 + 8 - 5 + 7)^5.$$

$$1442897 := (14 - 4 - 2 + 8 + 97)^3$$

$$1495729 := (-1 + 495 + 729)^2$$

$$1500625 := (-1 + 5 + 00 + 6 + 25)^4.$$

$$1594323 := (1 + 5 + 9 - 4 - 3 - 2 - 3)^{13}$$

$$:= (1 + 5 - 9 + 4 + 3 + 2 - 3)^{13}$$

$$:= (-1 + 5 - 9 + 4 + 3 - 2 + 3)^{13}$$

$$:= (1 + 5 - 9 + 4 - 3 + 2 + 3)^{13}.$$

$$1594323 := (-1 - 5 + 9 + 4 - 3 + 2 - 3)^{13}$$

$$:= (1 - 5 + 9 - 4 + 3 + 2 - 3)^{13}$$

$$:= (-1 - 5 + 9 - 4 + 3 - 2 + 3)^{13}$$

$$:= (1 - 5 + 9 - 4 - 3 + 2 + 3)^{13}$$

$$:= (1 - 5 - 9 - 4 - 3 + 23)^{13}.$$

$$1656369 := (1656 - 369)^2.$$

$$1679616 := (1 + 6 + 7 - 9 + 6 + 1 - 6)^8$$

$$:= (1 + 6 + 7 - 9 - 6 + 1 + 6)^8$$

$$:= (-1 + 6 - 7 + 9 + 6 - 1 - 6)^8$$

$$:= (-1 + 6 - 7 + 9 - 6 - 1 + 6)^8$$

$$:= (1 - 6 + 7 - 9 + 6 + 1 + 6)^8$$

$$:= (16 + 7 - 9 + 6 + 16)^4$$

$$:= (-1 - 6 - 7 + 9 + 6 - 1 + 6)^8.$$

$$1771561 := (-1 + 7 + 71 - 5 - 61)^6$$

$$:= (1 + 7 - 7 + 15 - 6 + 1)^6$$

$$:= (-1 + 77 + 1 - 5 - 61)^6$$

$$:= (-1 + 771 + 561)^2$$

$$:= (1 + 77 - 1 - 5 - 61)^6$$

$$:= (1 - 7 + 7 + 15 - 6 + 1)^6$$

$$:= (1 - 7 + 71 - 5 + 61)^3.$$

$$1771561 := (17 + 7 - 1 - 5 - 6 - 1)^6$$

$$:= (17 - 7 + 1 + 5 - 6 + 1)^6$$

$$:= (17 - 7 + 1 - 5 + 6 - 1)^6$$

$$:= (177 + 1 - 56 - 1)^3$$

$$:= (17 - 7 - 1 - 5 + 6 + 1)^6$$

$$:= (177 - 1 - 56 + 1)^3.$$

$$1779556 := (-1 + 779 + 556)^2.$$

$$1860496 := (1860 - 496)^2.$$

$$1874161 := (-18 + 7 + 41 + 6 + 1)^4.$$

$$1889568 := (-18 + 8 + 9 + 5 + 6 + 8)^5 \\ := (1 - 8 + 89 - 56 - 8)^5.$$

$$1953125 := (1 + 9 + 5 - 3 - 12 + 5)^9 \\ := (-1 + 9 - 5 - 3 + 125)^3 \\ := (1 - 9 + 5 + 3 + 125)^3 \\ := (-1 - 9 + 5 + 3 + 12 - 5)^9 \\ := (-19 - 5 + 3 + 1 + 25)^9 \\ := (-1 - 9 - 5 + 3 + 12 + 5)^9 \\ := (19 - 5 - 3 + 1 - 2 - 5)^9.$$

$$2085136 := (-2 + 0 - 8 + 51 + 3 - 6)^4 \\ := (-2 + 08 - 5 + 1 + 36)^4.$$

$$2097152 := (2 + 0 - 9 + 7 + 1 + 5 + 2)^7 \\ := (-2 + 09 + 7 + 1 - 5 - 2)^7 \\ := (-2 + 0 - 9 + 7 - 1 + 5 + 2)^{21} \\ := (2 + 0 - 9 + 7 - 1 + 5 - 2)^{21} \\ := (-2 + 0 - 9 + 71 - 52)^7 \\ := (-2 + 09 - 7 + 1 + 5 + 2)^7 \\ := (2 + 09 - 7 + 1 + 5 - 2)^7.$$

$$2097152 := (2 + 09 - 7 + 1 - 5 + 2)^{21} \\ := (-2 + 09 - 7 - 1 + 5 - 2)^{21} \\ := (-20 + 9 + 7 - 1 + 5 + 2)^{21} \\ := (-20 + 9 + 71 - 52)^7 \\ := (-20 + 97 - 1 + 52)^3 \\ := (20 - 9 - 7 + 1 + 5 - 2)^7 \\ := (20 - 9 - 7 + 1 - 5 + 2)^{21}.$$

$$2299968 := (2 + 29 + 99 - 6 + 8)^3 \\ := (22 + 9 + 99 - 6 + 8)^3 \\ := (22 + 99 + 9 - 6 + 8)^3 \\ := (229 - 99 - 6 + 8)^3 \\ := (229 - 9 - 96 + 8)^3.$$

$$2313441 := (-2 + 3 + 1 + 34 + 4 - 1)^4 \\ := (-2 + 31 + 3 + 4 + 4 - 1)^4 \\ := (-2 + 3 - 1 + 34 + 4 + 1)^4 \\ := (2 + 31 - 3 + 4 + 4 + 1)^4 \\ := (2 - 3 + 1 + 34 + 4 + 1)^4.$$

$$2476099 := (2 + 4 + 7 + 6 + 0 - 9 + 9)^5 \\ := (2 + 4 + 7 + 6 + 09 - 9)^5 \\ := (-2 + 4 - 7 + 6 + 09 + 9)^5 \\ := (24 + 7 + 6 + 0 - 9 - 9)^5.$$

$$2515456 := (-2 - 5 + 154 - 5 - 6)^3.$$

$$2825761 := (-2 - 8 + 2 - 5 - 7 + 61)^4 \\ := (28 + 25 - 7 - 6 + 1)^4 \\ := (2 - 8 - 2 - 5 - 7 + 61)^4.$$

$$2863288 := (28 - 6 + 32 + 88)^3.$$

$$2985984 := (2 + 98 + 5 - 9 - 84)^6 \\ := (2 - 9 + 8 + 59 + 84)^3 \\ := (29 + 8 + 59 - 84)^6 \\ := (29 + 85 - 98 - 4)^6.$$

$$3017169 := (30 + 1716 - 9)^2.$$

$$3111696 := (31 + 1 + 1 + 6 + 9 - 6)^4 \\ := (31 + 1 + 1 - 6 + 9 + 6)^4 \\ := (-31 - 1 - 1 + 69 + 6)^4.$$

$$3112136 := (-3 + 1 + 12 + 136)^3 \\ := (-3 + 11 + 2 + 136)^3 \\ := (-3 + 112 + 1 + 36)^3.$$

$$3418801 := (3 + 41 + 8 - 8 + 0 - 1)^4 \\ := (3 + 41 - 8 + 8 + 0 - 1)^4 \\ := (34 + 18 - 8 + 0 - 1)^4 \\ := (-3 - 41 + 8 + 80 - 1)^4 \\ := (-3 - 41 + 88 + 0 - 1)^4.$$

$$3511808 := (-35 - 1 + 180 + 8)^3$$

$$3652264 := (-3 - 65 + 226 - 4)^3.$$

$$\begin{aligned} 3723875 &:= (-3 + 72 + 3 + 8 + 75)^3 \\ &:= (3 + 72 - 3 + 8 + 75)^3 \\ &:= (3 - 723 + 875)^3. \end{aligned}$$

$$\begin{aligned} 3748096 &:= (-37 + 4 + 80 - 9 + 6)^4 \\ &:= (37 - 4 + 8 + 09 - 6)^4 \\ &:= (3 - 7 - 48 + 096)^4. \end{aligned}$$

$$3751969 := (-37 + 5 + 1969)^2$$

$$3796416 := (-3 + 79 + 64 + 16)^3$$

$$4084101 := (4 + 0 - 84 + 101)^5.$$

$$\begin{aligned} 4194304 &:= (-4 + 19 - 4 - 3 + 0 - 4)^{11} \\ &:= (41 - 9 + 4 - 30 - 4)^{22} \\ &:= (41 - 9 - 4 - 30 + 4)^{22}. \end{aligned}$$

$$\begin{aligned} 4477456 &:= (4 + 4 + 77 - 45 + 6)^4 \\ &:= (-4 + 4 - 7 - 7 + 4 + 56)^4 \\ &:= (4 + 4 - 7 - 7 - 4 + 56)^4 \\ &:= (4 - 4 - 7 - 7 + 4 + 56)^4. \end{aligned}$$

$$\begin{aligned} 4741632 &:= (-4 + 7 + 4 + 163 - 2)^3 \\ &:= (4 + 7 - 4 + 163 - 2)^3. \end{aligned}$$

$$\begin{aligned} 4782969 &:= (4 + 7 + 8 + 2 - 9 + 6 - 9)^7 \\ &:= (-4 + 7 + 8 - 2 + 9 - 6 - 9)^{14} \\ &:= (-4 + 7 + 8 - 2 - 9 - 6 + 9)^{14} \\ &:= (-4 + 7 - 8 + 2 + 9 + 6 - 9)^{14}. \\ &:= (-4 + 7 - 8 + 2 + 9 - 6 + 9)^7. \end{aligned}$$

$$\begin{aligned} 4782969 &:= (-4 + 7 - 8 + 2 - 9 + 6 + 9)^{14} \\ &:= (-4 + 7 - 8 + 29 - 6 - 9)^7 \\ &:= (4 - 7 + 8 - 2 + 9 + 6 - 9)^7 \\ &:= (4 - 7 + 8 - 2 - 9 + 6 + 9)^7. \end{aligned}$$

$$\begin{aligned} 4782969 &:= (4 - 7 - 8 + 2 + 9 - 6 + 9)^{14} \\ &:= (4 - 7 - 8 + 29 - 6 - 9)^{14} \\ &:= (-4 - 7 - 8 - 2 + 9 + 6 + 9)^{14} \\ &:= (-4 - 78 - 2 + 96 - 9)^{14} \\ &:= (-47 - 8 - 2 - 9 + 69)^{14}. \end{aligned}$$

$$\begin{aligned} 4826809 &:= (-4 + 8 + 2 + 6 - 8 + 0 + 9)^6 \\ &:= (-4 + 8 + 26 - 8 + 0 - 9)^6 \\ &:= (-4 + 82 + 6 - 80 + 9)^6 \\ &:= (-4 + 8 - 2 - 6 + 8 + 0 + 9)^6. \end{aligned}$$

$$\begin{aligned} 4826809 &:= (4 + 82 - 6 + 80 + 9)^3 \\ &:= (-4 + 826 - 809)^6 \\ &:= (-4 - 8 + 2 + 6 + 8 + 0 + 9)^6 \\ &:= (-48 + 2 + 68 + 0 - 9)^6 \\ &:= (-4 - 8 + 26 + 8 + 0 - 9)^6. \end{aligned}$$

$$\begin{aligned} 4879681 &:= (48 + 7 - 9 - 6 + 8 - 1)^4 \\ &:= (48 - 7 + 9 + 6 - 8 - 1)^4 \\ &:= (48 - 7 - 9 + 6 + 8 + 1)^4 \\ &:= (4 - 8 - 7 - 9 + 68 - 1)^4 \\ &:= (-4 - 8 - 7 - 9 - 6 + 81)^4. \end{aligned}$$

$$\begin{aligned} 5153632 &:= (5 + 15 + 3 - 6 + 3 + 2)^5 \\ &:= (-5 + 1 - 5 + 36 - 3 - 2)^5 \\ &:= (5 + 15 - 3 + 6 - 3 + 2)^5 \\ &:= (-51 + 5 + 3 + 63 + 2)^5 \\ &:= (-51 + 5 + 36 + 32)^5 \\ &:= (-5 - 1 + 5 - 3 - 6 + 32)^5 \\ &:= (5 - 1 - 5 - 3 - 6 + 32)^5. \end{aligned}$$

$$\begin{aligned} 5177717 &:= (-5 + 177 + 7 + 1 - 7)^3 \\ &:= (-5 + 177 - 7 + 1 + 7)^3. \end{aligned}$$

$$5308416 := (53 + 0 - 8 - 4 + 1 + 6)^4$$

$$5359375 := (5 - 3 + 5 + 93 + 75)^3$$

$$5451776 := (54 + 51 + 77 - 6)^3$$

$$5545233 := (-55 + 4 - 5 + 233)^3.$$

$$\begin{aligned} 5764801 &:= (5 + 7 + 6 - 4 - 8 + 0 + 1)^8 \\ &:= (-5 + 7 - 6 + 4 + 8 + 0 - 1)^8 \\ &:= (-5 - 7 + 6 + 4 + 8 + 0 + 1)^8 \\ &:= (5 - 7 + 6 - 4 + 8 + 0 - 1)^8. \end{aligned}$$

$$5929741 := (-5 + 92 + 97 - 4 + 1)^3.$$

$$\begin{aligned} 6436343 &:= (6 + 4 + 3 + 6 + 3 + 4 - 3)^5 \\ &:= (6 + 4 + 3 + 6 - 3 + 4 + 3)^5 \\ &:= (6 + 4 - 3 + 6 + 3 + 4 + 3)^5. \end{aligned}$$

$$\begin{aligned} 6751269 &:= (67 + 5 + 126 - 9)^3 \\ &:= (-6 - 75 + 1 + 269)^3. \end{aligned}$$

$$6765201 := (-6 - 7 + 65 - 2 + 0 + 1)^4.$$

$$7268416 := (7 + 2684 - 1 + 6)^2.$$

$$\begin{aligned} 7311616 &:= (-7 + 3 - 11 + 61 + 6)^4 \\ &:= (73 - 11 + 6 - 16)^4. \end{aligned}$$

$$\begin{aligned} 7529536 &:= (7 + 5 - 29 - 5 + 36)^6 \\ &:= (7 - 52 + 95 - 36)^6 \\ &:= (7 - 5 - 29 + 5 + 36)^6 \\ &:= (7 - 529 + 536)^6 \\ &:= (75 - 2 - 95 + 36)^6. \end{aligned}$$

$$7828804 := (-78 + 2880 - 4)^2.$$

$$\begin{aligned} 7890481 &:= (7 + 8 - 9 + 0 + 48 - 1)^4 \\ &:= (-7 - 8 - 9 + 0 - 4 + 81)^4. \end{aligned}$$

$$\begin{aligned} 7962624 &:= (7 + 9 + 6 + 2 + 6 - 2 - 4)^5 \\ &:= (7 + 9 + 6 + 2 - 6 + 2 + 4)^5 \\ &:= (7 + 9 + 6 + 26 - 24)^5 \\ &:= (7 + 9 + 6 - 2 + 6 + 2 - 4)^5 \\ &:= (-7 + 9 + 6 - 2 - 6 + 24)^5 \\ &:= (7 + 9 - 6 + 2 + 6 + 2 + 4)^5. \end{aligned}$$

$$\begin{aligned} 7962624 &:= (-7 + 9 - 6 + 26 - 2 + 4)^5 \\ &:= (-7 + 9 - 6 - 2 + 6 + 24)^5 \\ &:= (7 - 9 + 6 + 2 - 6 + 24)^5 \\ &:= (7 - 9 + 6 + 26 - 2 - 4)^5 \\ &:= (7 - 9 - 6 + 2 + 6 + 24)^5 \\ &:= (7 - 9 - 6 + 26 + 2 + 4)^5. \end{aligned}$$

$$\begin{aligned} 8242408 &:= (-8 + 242 - 40 + 8)^3 \\ &:= (8 + 242 - 40 - 8)^3 \\ &:= (8 + 38 + 8 - 60 + 8)^{23}. \end{aligned}$$

$$\begin{aligned} 8503056 &:= (8 + 50 - 3 + 0 + 5 - 6)^4 \\ &:= (85 + 0 - 30 + 5 - 6)^4. \end{aligned}$$

$$8615125 := (86 - 1 - 5 + 125)^3.$$

$$\begin{aligned} 9129329 &:= (-91 + 293 - 2 + 9)^3 \\ &:= (9 - 129 + 329)^3 \\ &:= (-91 - 29 + 329)^3. \end{aligned}$$

$$\begin{aligned} 9150625 &:= (-9 + 1 + 50 + 6 + 2 + 5)^4 \\ &:= (9 - 1 + 50 - 6 - 2 + 5)^4 \\ &:= (91 - 5 + 0 - 6 - 25)^4 \\ &:= (-9 + 76 + 5 - 62 - 5)^{10} \\ &:= (-9 + 76 - 5 - 62 + 5)^{10} \\ &:= (-97 + 65 + 62 - 5)^5 \\ &:= (9 - 76 + 5 + 62 + 5)^{10}. \end{aligned}$$

$$\begin{aligned} 9834496 &:= (9 - 8 + 3 - 44 + 96)^4 \\ &:= (98 - 3 + 4 - 49 + 6)^4. \end{aligned}$$

$$\begin{aligned} 10077696 &:= (1 + 0 + 0 + 7 + 7 + 6 - 9 - 6)^9 \\ &:= (1 + 0 + 0 + 7 + 7 - 6 - 9 + 6)^9 \\ &:= (-1 + 0 + 0 - 7 - 7 + 6 + 9 + 6)^9. \end{aligned}$$

$$10316944 := (-1 + 0 + 3169 + 44)^2.$$

$$10793861 := (1079 + 3 - 861)^3.$$

$$\begin{aligned} 11316496 &:= (11 - 3 + 1 + 64 - 9 - 6)^4 \\ &:= (-11 + 3 - 1 + 64 + 9 - 6)^4 \\ &:= (11 - 3 + 1 + 6 + 49 - 6)^4 \\ &:= (11 - 3 + 1 - 6 + 49 + 6)^4 \\ &:= (1 + 1 - 3 + 16 + 49 - 6)^4. \end{aligned}$$

$$\begin{aligned} 11336689 &:= (1 + 1 + 3366 + 8 - 9)^2 \\ &:= (1 - 1 + 3366 - 8 + 9)^2 \\ &:= (-1 + 1 + 3366 - 8 + 9)^2. \end{aligned}$$

$$\begin{aligned} 11390625 &:= (1 - 1 + 3 + 9 + 0 + 6 + 2 - 5)^6 \\ &:= (-1 + 1 + 3 + 9 + 0 + 6 + 2 - 5)^6 \\ &:= (1 - 1 - 3 + 9 + 0 + 6 - 2 + 5)^6 \\ &:= (-1 + 1 - 3 + 9 + 0 + 6 - 2 + 5)^6 \\ &:= (1 + 1 + 3 + 9 + 0 - 6 + 2 + 5)^6 \\ &:= (1 + 1 + 3 - 9 + 0 - 6 + 25)^6 \\ &:= (-11 + 39 + 0 - 6 - 2 - 5)^6 \\ &:= (-11 + 3 + 90 - 62 - 5)^6. \end{aligned}$$

$$11697083 := (-1 + 169 + 70 - 8 - 3)^3$$

$$11852352 := (-1 - 1 - 8 + 5 + 235 - 2)^3.$$

$$\begin{aligned}
11881376 &:= (11 + 8 + 8 + 1 - 3 + 7 - 6)^5 \\
&:= (11 + 8 - 8 - 1 + 3 + 7 + 6)^5 \\
&:= (11 - 8 + 8 - 1 + 3 + 7 + 6)^5 \\
&:= (1 + 18 + 8 + 1 - 3 + 7 - 6)^5 \\
&:= (-1 + 18 + 8 - 1 + 3 - 7 + 6)^5.
\end{aligned}$$

$$\begin{aligned}
11881376 &:= (1 + 18 - 8 - 1 + 3 + 7 + 6)^5 \\
&:= (-1 + 18 - 8 + 1 + 3 + 7 + 6)^5 \\
&:= (-1 - 1 + 8 + 8 + 13 - 7 + 6)^5 \\
&:= (1 - 1 + 8 - 8 + 13 + 7 + 6)^5 \\
&:= (-1 + 1 + 8 - 8 + 13 + 7 + 6)^5.
\end{aligned}$$

$$\begin{aligned}
11881376 &:= (1 - 1 - 8 + 8 + 13 + 7 + 6)^5 \\
&:= (-1 + 1 - 8 + 8 + 13 + 7 + 6)^5 \\
&:= (1 - 1 - 8 - 8 - 1 + 37 + 6)^5 \\
&:= (-1 + 1 - 8 - 8 - 1 + 37 + 6)^5 \\
&:= (-1 - 1 - 8 - 8 + 1 + 37 + 6)^5.
\end{aligned}$$

$$\begin{aligned}
12326391 &:= (1 - 23 + 263 - 9 - 1)^3 \\
&:= (-1 - 23 + 263 - 9 + 1)^3 \\
&:= (1 - 2 + 326 - 3 - 91)^3 \\
&:= (-123 + 263 + 91)^3.
\end{aligned}$$

$$\begin{aligned}
12117361 &:= (-12 + 1 - 1 + 7 + 3 + 61)^4 \\
&:= (-12 - 1 + 1 + 7 + 3 + 61)^4 \\
&:= (1 - 21 + 1 + 73 + 6 - 1)^4 \\
&:= (1 - 21 - 1 + 73 + 6 + 1)^4 \\
&:= (-1 - 21 + 1 + 73 + 6 + 1)^4 \\
&:= (-1 - 2 + 11 - 7 - 3 + 61)^4 \\
&:= (1 - 2 - 11 + 7 + 3 + 61)^4 \\
&:= (-1 - 21 + 17 + 3 + 61)^4 \\
&:= (-121 + 173 + 6 + 1)^4.
\end{aligned}$$

$$12355225 := (-12 + 3552 - 25)^2.$$

$$\begin{aligned}
12487168 &:= (1 + 248 + 7 - 16 - 8)^3 \\
&:= (-1 + 248 - 7 - 16 + 8)^3 \\
&:= (1 - 24 + 87 + 168)^3.
\end{aligned}$$

$$\begin{aligned}
13144256 &:= (-13 + 1 - 4 - 4 + 256)^3 \\
&:= (1 - 3 - 14 - 4 + 256)^3.
\end{aligned}$$

$$\begin{aligned}
13312053 &:= (1 + 33 + 1 + 205 - 3)^3 \\
&:= (1 + 3 + 31 + 205 - 3)^3 \\
&:= (1 - 3 + 31 + 205 + 3)^3.
\end{aligned}$$

There are only few values with eight digits. More numbers for higher digits shall be dealt elsewhere.

2.3. Numbers with Only Two Expressions.

From the above two subsections, we have written below some examples formed by two numbers.

$$\begin{array}{ll}
81 &:= (8 + 1)^2. \\
2025 &:= (20 + 25)^2. \\
3025 &:= (30 + 25)^2. \\
9801 &:= (98 + 01)^2. \\
88209 &:= (88 + 209)^2. \\
494209 &:= (494 + 209)^2. \\
998001 &:= (998 + 001)^2. \\
4941729 &:= (494 + 1729)^2. \\
7441984 &:= (744 + 1984)^2. \\
100 &:= (10 + 0)^2. \\
1000 &:= (10 + 00)^3. \\
10000 &:= (10 + 000)^4 \\
100000 &:= (10 + 0000)^5. \\
1000000 &:= (10 + 00000)^6 \\
10000000 &:= (10 + 000000)^7.
\end{array}$$

$$\begin{array}{ll}
64 := (6 - 4)^6 & 456533 := (-456 + 533)^3. \\
121 := (12 - 1)^2. & 474552 := (-474 + 552)^3. \\
6084 := (-6 + 084)^2. & 1002001 := (1002 - 001)^2. \\
10201 := (102 - 01)^2. & 1162084 := (1162 - 084)^2. \\
82369 := (-82 + 369)^2. & 1191016 := (-120 + 1216)^2. \\
132496 := (-132 + 496)^2. & 1656369 := (1656 - 369)^2. \\
234256 := (-234 + 256)^4. &
\end{array}$$

2.4. Alternative Type of Semi-Selfie Numbers.

Below are few examples of different kind of **semi-selfie numbers**:

$$\begin{array}{ll}
1 := 1 \times 1^2. & 552 := (5 + 5 + 2) \times (5^2 + 5^2 - 2^2). \\
133 := (1 + 3 + 3) \times (1^2 + 3^2 + 3^2). & 803 := (8 + 0 + 3) \times (8^2 + 0^2 + 3^2). \\
135 := (1 + 3 + 5) \times (-1^2 - 3^2 + 5^2). & 912 := (9 + 1 + 2) \times (9^2 - 1^2 - 2^2). \\
153 := (1 + 5 + 3) \times (1^2 + 5^2 - 3^2). & 1148 := (1 + 1 + 4 + 8) \times (1^2 + 1^2 + 4^2 + 8^2). \\
225 := (2 + 2 + 5) \times (2^2 - 2^2 + 5^2). & 1547 := (1 + 5 + 4 + 7) \times (1^2 + 5^2 + 4^2 + 7^2). \\
315 := (3 + 1 + 5) \times (3^2 + 1^2 + 5^2). & 2196 := (2 + 1 + 9 + 6) \times (2^2 + 1^2 + 9^2 + 6^2).
\end{array}$$

We are unable to find more examples of similar kind. The numbers with positive signs: 1, 133, 315, 803, 1148, 1547 and 2196 can be seen in [1].

3. SELFIE NUMBERS WITHOUT ADDITION AND SUBTRACTION

Above section give semi-selfie numbers using the operations addition and subtraction, where power is not a part of both side digits. Here we shall give selfie-numbers in little different ways. They are written in order of digits and its reverse, using the operations of multiplication, division and potentiation. The idea of these numbers appeared to extend the well-know numbers [3]:

$$\begin{array}{l}
2592 := 2^5 \times 9^2. \\
34425 := 3^4 \times 425. \\
312325 := 31^2 \times 325.
\end{array}$$

These numbers can be seen in [3], pp. 174-175. The first number is famous as "**printer's error**". The other two numbers are good in producing patterns, i.e., multiplying by 10 each time. [8]. For example,

$$\begin{array}{l}
34425 := 3^4 \times 425. \\
344250 := 3^4 \times 4250. \\
312325 := 31^2 \times 325. \\
3123250 := 31^2 \times 3250.
\end{array}$$

Since these numbers obey the digit's order, we call then as **selfie numbers**. Below are extensions of these numbers divided in three subsections. First subsection give **selfie numbers** in digit's order and its reverse in both ways. The second subsection give **selfie numbers** in digit's order, and the third subsection give **selfie numbers** in reverse order of digits.

3.1. Digit's order and Reverse: Both Ways.

$$\begin{aligned}
23328 &:= (2 \times 3^3)^2 \times 8 &= 8 \times (2 \times 3^3)^2. \\
170471 &:= 1 \times 7^{04} \times 71 &= 1 \times 7^4 \times 071. \\
262144 &:= (2^6/2 \times 1)^4/4 &= (4^4 \times 12/6)^2. \\
314928 &:= 3^{14 \times 9} \times 2 \times 8 &= 8 \times 2 \times 9^4 \times 1 \times 3. \\
1492992 &:= 1 \times 4 \times 9 \times 2^9 \times 9^2 &= 2^9 \times 9^2 \times 9 \times 4 \times 1. \\
1679616 &:= 1 \times 6^7 \times 96/16 &= 6^{1^{69} \times 7} \times 6 \times 1. \\
2162688 &:= (2 \times 1)^{6 \times 2} \times 6 \times 88 &= 88 \times 6 \times (2^6 \times 1)^2. \\
2722734 &:= 2 \times 7 \times (2/2 \times 7 \times 3)^4 &= 4 \times (3 \times 7)^{2 \times 2} \times 7/2. \\
3359232 &:= (3 \times 3)^5/9 \times 2^{3^2} &= 2^{3^2} \times 9^5/(3 \times 3). \\
4194304 &:= (4 \times 1)^9 \times 4^3/(04) &= 4^{03} \times 4^9 \times 1/4. \\
6718464 &:= 4 \times 6^{48/(1^7 \times 6)} &= 6^7 \times 1^{84} \times 6 \times 4. \\
33554432 &:= \left((3/3)^{55} \times 4 \right)^{4 \times 3 \times 2} &= \left(2^3/4 \right)^{45 \times 5/(3 \times 3)}.
\end{aligned}$$

3.2. Digit's order.

$$\begin{aligned}
2592 &:= 2^5 \times 9^2. &741321 &:= (7 \times 41 \times 3)^2 \times 1. \\
11664 &:= 1 \times 1 \times 6^6/4. &759375 &:= (7 \times 5 \times 9/(3 \times 7))^5. \\
26364 &:= 26^3 \times 6/4. &777924 &:= 7 \times 7 \times (7 \times 9)^2 \times 4. \\
34425 &:= 3^4 \times 425. &1594323 &:= ((1^5 \times 9)^4/3)^2/3. \\
35721 &:= 3^5 \times 7 \times 21. &1704710 &:= 1 \times 7^{04} \times 710. \\
186624 &:= 1 \times 8 \times 6^6 \times 2/4. &1729665 &:= 17^2 \times 9 \times 665. \\
233280 &:= (2 \times 3^3)^2 \times 80. &1740725 &:= 1 \times 7^4 \times 0725. \\
295245 &:= 2 \times 9^5 \times 2/4 \times 5. &1769472 &:= 1^7 \times 6 \times 9 \times 4^7 \times 2. \\
312325 &:= 31^2 \times 325. &1984512 &:= 19 \times 8^4 \times 51/2. \\
333234 &:= (3 \times 33)^2 \times 34. &2254714 &:= 22^5/4 \times 7 \times 1/4. \\
344250 &:= 3^4 \times 4250. &2332800 &:= (2 \times 3^3)^2 \times 800. \\
357210 &:= 3^5 \times 7 \times 210. &2671872 &:= 2 \times 6 \times 71 \times (8 \times 7)^2. \\
484128 &:= (48 \times 41)^2/8. &2952450 &:= 2 \times 9^5 \times 2/4 \times 50. \\
492205 &:= 49^2 \times 205. &3123250 &:= 31^2 \times 3250. \\
&&3149280 &:= 3^{14 \times 9} \times 2 \times 80.
\end{aligned}$$

$$\begin{aligned}
3188646 &:= 3^{18 \times 8 \times 6/4} \times 6. \\
3332340 &:= (3 \times 33)^2 \times 340. \\
3365793 &:= 3 \times 3^6 \times 57 \times 9 \times 3. \\
3442500 &:= 3^4 \times 42500. \\
3472875 &:= 3^4 \times 7^2 \times 875. \\
3572100 &:= 3^5 \times 7 \times 2100. \\
3612672 &:= 3 \times 6 \times (1 \times 2^6 \times 7)^2. \\
3639168 &:= 3^6 \times 39 \times 16 \times 8. \\
4334724 &:= (4 \times 3 \times 347)^2/4. \\
4344192 &:= (4 \times 3)^4 \times 419/2. \\
4922050 &:= 49^2 \times 2050. \\
5242880 &:= 5^2 \times (4 \times 2)^8/80. \\
6291456 &:= (6^2/9 \times 1 \times 4)^5 \times 6. \\
6967296 &:= 6 \times 9 \times 6 \times 7 \times 2^9 \times 6. \\
7022457 &:= 702^2/4 \times 57. \\
7142975 &:= (7 \times 1)^4 \times 2975. \\
7413210 &:= (7 \times 41 \times 3)^2 \times 10. \\
7496644 &:= 74^{96/(6 \times 4)}/4. \\
7587328 &:= 7 \times 58 \times 73 \times 2^8. \\
7779240 &:= 7 \times 7 \times (7 \times 9)^2 \times 40. \\
7971615 &:= (7 \times 9/7 \times 1)^6 \times 15. \\
8388608 &:= 8 \times 3 \times 8^8/(6 \times 08). \\
8786432 &:= 8 \times (786 \times 4/3)^2. \\
10487568 &:= 104/8 \times 7^5 \times 6 \times 8. \\
10744475 &:= 1 \times (07)^4 \times 4475. \\
12931216 &:= 1 \times (29 \times 31)^2 \times 16. \\
12939264 &:= 1 \times 2^9 \times 39/2 \times 6^4. \\
13436928 &:= 1^3 \times (4 \times 36 \times 9)^2 \times 8. \\
13631488 &:= 13 \times (6/3)^{14} \times 8 \times 8. \\
13647872 &:= 136 \times 4^7/8 \times 7^2. \\
13745725 &:= 1^3 \times 7^4 \times 5725. \\
13863393 &:= 1 \times 3^8 \times 6339/3. \\
13942125 &:= 1^3 \times 9^4 \times 2125. \\
14294287 &:= 1429^{42/8} \times 7. \\
14379264 &:= 1 \times 4 \times (3 \times 79)^2 \times 64. \\
14569245 &:= 1^4 \times 569^2 \times 45. \\
14706125 &:= 1^4 \times 7^{06} \times 125. \\
14823774 &:= 1 \times 48/2 \times 3 \times 7^7/4. \\
15582375 &:= (15/5)^8 \times 2375. \\
15943230 &:= 1^5 \times 9^{4 \times 3/2} \times 30. \\
16746975 &:= 1^6 \times 7^4 \times 6975. \\
16777216 &:= 16^{(7/7)^{721} \times 6}. \\
16866432 &:= 1^6 \times 8 \times 66^4/3^2. \\
17047100 &:= 1 \times 7^{04} \times 7100. \\
17227175 &:= 1 \times 7^{2 \times 2} \times 7175. \\
17265625 &:= 17 \times 26 \times 5^6/2 \times 5. \\
17266392 &:= 172 \times 66 \times 39^2. \\
17296650 &:= 17^2 \times 9 \times 6650. \\
17407250 &:= 1 \times 7^4 \times 07250. \\
17432576 &:= 1 \times 7 \times 4^{32} \times 57/6. \\
17577728 &:= 17 \times 577 \times 7 \times 2^8. \\
17694720 &:= 1^7 \times 6 \times 9 \times 4^7 \times 20. \\
17827425 &:= 1 \times 7^{8/2} \times 7425. \\
18874368 &:= 1^8 \times 8^7 \times 4 \times 3 \times 6/8. \\
19748225 &:= 1^9 \times 7^4 \times 8225. \\
20155392 &:= (2 \times 01 \times 5/5 \times 3)^9 \times 2. \\
20706224 &:= 2 \times (07)^{06} \times 22 \times 4. \\
21626880 &:= (2 \times 1)^{6 \times 2} \times 6 \times 880. \\
21911526 &:= (21 \times 91)^{1^5 \times 2} \times 6. \\
22134775 &:= (2/2 \times 13)^4 \times 775. \\
22544384 &:= (2 \times 2^5)^4 \times 43/(8 \times 4). \\
22749475 &:= (2/2 \times 7)^4 \times 9475. \\
23328000 &:= (2 \times 3^3)^2 \times 8000. \\
25362432 &:= 2^{5 \times 3} \times 6^2 \times 43/2. \\
28442624 &:= 28 \times 4^{4 \times 2} \times 62/4.
\end{aligned}$$

$$28449792 := 2 \times 84^4 \times 9 / (7 \times 9) \times 2.$$

$$29229255 := ((2 \times 9/2)^2 \times 9)^2 \times 55.$$

$$29524500 := 2 \times 9^5 \times 2/4 \times 500.$$

$$29644032 := 29 \times 6 \times 44^{03} \times 2.$$

$$30344625 := (3 \times 03)^4 \times 4625.$$

$$31177872 := 3^{11} \times 77 \times 8/7 \times 2.$$

$$31232500 := 31^2 \times 32500.$$

$$31236921 := 3^{1 \times 2^3} \times 69^2 \times 1.$$

$$31492800 := 3^{1^4 \times 9} \times 2 \times 800.$$

$$31886460 := 3^{1^8 \times 8 \times 6/4} \times 60.$$

$$31984875 := 3^{1^9 \times 8} \times 4875.$$

$$32339886 := (3 \times 23)^3 / 9 \times 886.$$

$$33323400 := (3 \times 33)^2 \times 3400.$$

$$33657930 := 3 \times 3^6 \times 57 \times 9 \times 30.$$

$$33729993 := 337^2 \times 9 \times 99/3.$$

$$34012224 := (3^4 \times 012^2)^2 / 4.$$

$$34425000 := 3^4 \times 425000.$$

$$34543665 := 3^{4 \times 54 / (3 \times 6)} \times 65.$$

$$34728750 := 3^4 \times 7^2 \times 8750.$$

$$34959195 := 3^4 \times 9591 \times 9 \times 5.$$

$$35112285 := (351 \times 1)^2 \times 285.$$

$$35721000 := 3^5 \times 7 \times 21000.$$

$$36391680 := 3^6 \times 39 \times 16 \times 80.$$

$$36582192 := 3 \times (6 \times 582)^{19 \times 2}.$$

$$36905625 := 3^6 \times 9 \times 05625.$$

$$37476432 := 3^7 \times 476 \times 4 \times 3^2.$$

$$38034117 := 3^8 \times 0341 \times 17.$$

3.3. Reverse Order of Digits.

$$25 := 5^2.$$

$$153 := 3 \times 51.$$

$$126 := 6 \times 21.$$

$$688 := 8 \times 86.$$

$$1395 := 5 \times 9 \times 31.$$

$$2916 := (6 \times 1 \times 9)^2.$$

$$2048 := 8^4 / 02.$$

$$22264 := 46 \times 22^2.$$

$$22528 := (8/2)^5 \times 22.$$

$$26973 := 37 \times 9^{6/2}.$$

$$28224 := (42/2 \times 8)^2.$$

$$33579 := 9 \times 7 \times 533.$$

$$36864 := (4 \times 6 \times 8)^{6/3}.$$

$$37668 := 86 \times 6 \times 73.$$

$$102912 := (2 \times 1)^9 \times 201.$$

$$112536 := 6^3 \times 521 \times 1.$$

$$124416 := 6 \times 144^2 \times 1.$$

$$187029 := 9 \times 20781.$$

$$209952 := 2^5 \times (9 \times 9)^{02}.$$

$$223524 := 42 \times 5322.$$

$$236196 := (6 \times 9^{1 \times 6/3})^2.$$

$$267034 := 4307 \times 62.$$

$$354375 := 5 \times 7 \times 3^4 \times 5^3.$$

$$373248 := (84 \times 2 \times 3/7)^3.$$

$$441344 := 4 \times 431 \times 4^4.$$

$$442368 := (8 \times 6)^3 \times 2^4 / 4.$$

$$524288 := (8 \times 8)^2 \times 4 \times 2^5.$$

$$589824 := 4^2 / 8 \times 9 \times 8^5.$$

$$1008126 := 6 \times 21 \times 8001.$$

$$1240029 := 9^{20/04} \times 21.$$

$$1243225 := (5 \times 223)^{4/2 \times 1} \times 31.$$

$$1329264 := 4 \times 6^2 \times 9231.$$

$$1333248 := 84 \times 2^{3 \times 3}$$

$$1480368 := 8 \times 6 \times 30841.$$

$$1514955 := 5 \times 5941 \times 51.$$

$$1574253 := 3 \times 524751.$$

$$1766196 := 691 \times 6 \times 6 \times 71.$$

$$1791495 := 5 \times 9 \times 41 \times 971.$$

$$1831086 := 6 \times 801 \times 381.$$

$$1945944 := 44 \times 9 \times 54 \times 91.$$

$$1953125 := (5^2 \times 1^3/5)^9 \times 1.$$

$$2109375 := 5^7 \times 3 \times 9 \times (01)^2.$$

$$2137444 := 4 \times (4/4 \times 731)^2.$$

$$2328576 := 6 \times 758 \times 2^{3^2}.$$

$$2336064 := (46 \times 06)^3/3^2.$$

$$2624832 := 2 \times 3 \times 84^2 \times 62.$$

$$2784384 := 4834 \times 8 \times 72.$$

$$2794764 := 4 \times 6 \times 7^4 \times 97/2.$$

$$3927552 := 2557 \times 2^9 \times 3.$$

$$3981312 := 2^{13} \times 18 \times 9 \times 3.$$

$$4117715 := 5 \times 1 \times 7^7 \times 1^{14}.$$

$$4456448 := 8/4 \times 4^6 \times 544.$$

$$4499712 := 217 \times 9 \times 9 \times 4^4.$$

$$4782969 := 9^6 \times 9 \times 28/(7 \times 4).$$

$$4917248 := 8^4/2 \times 7^{1^9 \times 4}.$$

$$5752875 := 575^2 \times 87/5.$$

$$6377292 := 2 \times (9^2 \times 7/7)^3 \times 6.$$

$$7012352 := 2^{5 \times 3} \times 2 \times 107.$$

$$7483392 := 29 \times 3 \times 3 \times 8^4 \times 7.$$

$$7503125 := (5 \times 21/3)^{05}/7.$$

$$8126464 := 4^6 \times 4 \times 62 \times 1 \times 8.$$

$$9437184 := (4 \times 8)^{1^{73} \times 4} \times 9.$$

$$10013323 := 323 \times 31001.$$

$$14623232 := 2 \times (3 \times 2/3 \times 26)^4 \times 1.$$

$$20292832 := 238 \times 292^{02}.$$

$$21313962 := 2 \times 69 \times (3 \times 131)^2.$$

$$23942772 := 277 \times 2 \times (49 \times 3)^2.$$

$$26366472 := 274 \times 66 \times 3^6 \times 2.$$

$$26468352 := 2^{5 \times 3}/8 \times 6462.$$

$$29389952 := 2^5 \times 9983 \times 92.$$

$$30277632 := 2^{3 \times 6} \times 77/2 \times 03.$$

$$32656711 := 1 \times 17^{6 \times 5/6} \times 23.$$

$$33718272 := (2^7 \times 2/8 \times 1 \times 7)^3 \times 3.$$

$$33841152 := 2 \times 51 \times 1 \times 48^3 \times 3.$$

$$35521443 := 3441^2 \times 5/5 \times 3.$$

$$37642192 := 2 \times (912/(4 \times 6) \times 7)^3.$$

$$37884672 := 2 \times 7 \times 6^4 \times 8 \times 87 \times 3.$$

$$41871872 := 2^7 \times 81781 \times 4.$$

$$43294832 := 23 \times (8 \times 49/2)^3/4.$$

$$45349632 := 2 \times 3^6 \times 9 \times 4^3 \times 54.$$

$$49283072 := 2^{7 \times 03}/8 \times 2 \times 94.$$

$$62118672 := 2 \times 7^6 \times 8 \times 11/2 \times 6.$$

$$69177612 := 21 \times 6 \times 7^7/(1 \times 9) \times 6.$$

$$74933181 := 1 \times (81 \times 3)^3/9 \times 47.$$

$$82747392 := 2^9 \times 3 \times 74 \times 728.$$

$$84283392 := 2^9 \times 3 \times 38^{24/8}.$$

$$91994112 := 2^{11} \times 4991 \times 9.$$

Detailed study of selfie-numbers with factorial, square-root, Fibonacci sequence, Coefficients Binomials, etc. is explained in subsection 1.2.

4. DISORDERED SELFIE NUMBERS

Vamp numbers are very famous in the literature of mathematics [2], puzzles 84 and 85. In this case numbers are equivalent to product of two or more numbers with same digits, not necessarily in same order. For simplicity, let us call these numbers as "**disordered selfie numbers**". Since there are too much numbers of this kind. Let write only those numbers having more than one possibility or more than than one equality signs. In this case there are very few numbers up to 8 digits. Higher digits are not calculated yet.

$$125460 := 51 \times 2460 = 204 \times 615 = 246 \times 510.$$

$$1307826 := 162 \times 8073 = 207 \times 6318 = 702 \times 1863.$$

$$12054060 := 501 \times 24060 = 2004 \times 6015 = 2406 \times 5010.$$

$$12596490 := 6 \times 2099415 = 51 \times 246990 = 510 \times 24699.$$

$$13029565 := 5 \times 2605913 = 635 \times 20519 = 2159 \times 6035.$$

$$15249780 := 195 \times 78204 = 294 \times 51870 = 2940 \times 5187.$$

$$15266272 := 56 \times 272612 = 272 \times 56126 = 2261 \times 6752.$$

$$15532690 := 29 \times 535610 = 95 \times 163502 = 290 \times 53561.$$

$$21435750 := 3 \times 7145250 = 30 \times 714525 = 42 \times 510375.$$

$$34759980 := 87 \times 399540 = 435 \times 79908 = 870 \times 39954.$$

$$73895940 := 93 \times 794580 = 930 \times 79458 = 7905 \times 9348.$$

$$105264 := 51 \times 2064 = 204 \times 516.$$

$$258795 := 9 \times 28755 = 27 \times 9585.$$

$$263736 := 36 \times 7326 = 72 \times 3663.$$

$$268398 := 39 \times 6882 = 93 \times 2886.$$

$$289674 := 6 \times 48279 = 42 \times 6897.$$

$$1193017 := 131 \times 9107 = 917 \times 1301.$$

$$1234768 := 2 \times 617384 = 674 \times 1832.$$

$$1243584 := 3 \times 414528 = 51 \times 24384.$$

$$1249528 := 14 \times 89252 = 212 \times 5894.$$

$$1302565 := 5 \times 260513 = 605 \times 2153.$$

$$1597725 := 9 \times 177525 = 27 \times 59175.$$

$$1615833 := 3 \times 538611 = 51 \times 31683.$$

$$2256948 := 426 \times 5298 = 852 \times 2649.$$

$$2356875 := 3 \times 785625 = 375 \times 6285.$$

$$2913075 := 3 \times 971025 = 321 \times 9075.$$

$$3968104 := 8 \times 496013 = 413 \times 9608.$$

$$4684792 := 476 \times 9842 = 629 \times 7448.$$

$$4902768 := 72 \times 68094 = 702 \times 6984.$$

$$5281605 := 81 \times 65205 = 621 \times 8505.$$

$$6136078 := 713 \times 8606 = 806 \times 7613.$$

$$7191099 := 9 \times 799011 = 909 \times 7911.$$

$$10052064 := 501 \times 20064 = 2004 \times 5016.$$

$$10237864 := 728 \times 14063 = 1274 \times 8036.$$

$$11032686 := 81 \times 136206 = 162 \times 68103.$$

$$11263504 := 56 \times 201134 = 536 \times 21014.$$

$$11364138 := 18 \times 631341 = 3141 \times 3618.$$

$$11368026 := 621 \times 18306 = 1863 \times 6102.$$

$$11657835 := 735 \times 15861 = 1785 \times 6531.$$

$$12166942 := 62 \times 196241 = 1262 \times 9641.$$

$$12417993 := 1317 \times 9429 = 1347 \times 9219.$$

$$12513964 := 29 \times 431516 = 926 \times 13514.$$

$$12600324 := 2031 \times 6204 = 3102 \times 4062.$$

$$12676950 := 66 \times 192075 = 75 \times 169026.$$

$$12827650 := 1826 \times 7025 = 2075 \times 6182.$$

$$12863992 := 92 \times 139826 = 926 \times 13892.$$

$$12950568 := 258 \times 50196 = 516 \times 25098.$$

$$13002462 := 2031 \times 6402 = 3201 \times 4062.$$

$$13262148 := 411 \times 32268 = 822 \times 16134.$$

$$13478962 := 2 \times 6739481 = 14 \times 962783.$$

$$13627408 := 2 \times 6813704 = 8 \times 1703426.$$

$$13698742 := 2 \times 6849371 = 146 \times 93827.$$

$$13729653 := 21 \times 653793 = 573 \times 23961.$$

$$14082736 := 2 \times 7041368 = 8 \times 1760342.$$

$$14088672 := 78 \times 180624 = 1704 \times 8268.$$

$$14227564 := 26 \times 547214 = 2612 \times 5447.$$

$$14369872 := 2 \times 7184936 = 8 \times 1796234.$$

$$14697832 := 2 \times 7348916 = 764 \times 19238.$$

$$14720368 := 2 \times 7360184 = 3128 \times 4706.$$

$$14783296 := 2 \times 7391648 = 32 \times 461978.$$

$$14876032 := 2 \times 7438016 = 713 \times 20864.$$

$$15366204 := 6 \times 2561034 = 651 \times 23604.$$

$$15889216 := 8 \times 1986152 = 812 \times 19568.$$

$$16273408 := 2 \times 8136704 = 8 \times 2034176.$$

$$16327498 := 2 \times 8163749 = 38 \times 429671.$$

16598344 := 854 × 19436 = 3416 × 4859.	28173964 := 314 × 89726 = 812 × 34697.
16789522 := 86 × 195227 = 197 × 85226.	29371648 := 32 × 917864 = 3176 × 9248.
17655232 := 32 × 551726 = 56 × 315272.	30248316 := 36 × 840231 = 63 × 480132.
17805492 := 249 × 71508 = 708 × 25149.	30818475 := 81 × 380475 = 801 × 38475.
17834692 := 2 × 8917346 = 2318 × 7694.	31279864 := 824 × 37961 = 986 × 31724.
17943286 := 2 × 8971643 = 29 × 618734.	31950126 := 351 × 91026 = 3501 × 9126.
18347692 := 2 × 9173846 = 836 × 21947.	32516316 := 63 × 516132 = 531 × 61236.
18527314 := 251 × 73814 = 2171 × 8534.	32619568 := 89 × 366512 = 356 × 91628.
18769432 := 2 × 9384716 = 8 × 2346179.	32631984 := 981 × 33264 = 3924 × 8316.
19276348 := 2 × 9638174 = 26 × 741398.	32959674 := 6 × 5493279 = 726 × 45399.
19384596 := 396 × 48951 = 3996 × 4851.	34908165 := 81 × 430965 = 405 × 86193.
19487362 := 2 × 9743681 = 674 × 28913.	35149059 := 9 × 3905451 = 99 × 355041.
19740298 := 2 × 9870149 = 941 × 20978.	37899648 := 96 × 394788 = 384 × 98697.
20437668 := 6 × 3406278 = 3084 × 6627.	40045995 := 99 × 404505 = 909 × 44055.
21086325 := 81 × 260325 = 801 × 26325.	40740588 := 84 × 485007 = 807 × 50484.
21356608 := 38 × 562016 = 608 × 35126.	40945905 := 909 × 45045 = 4545 × 9009.
22145904 := 492 × 45012 = 4092 × 5412.	41573875 := 5 × 8314775 = 875 × 47513.
22573584 := 3 × 7524528 = 528 × 42753.	41672358 := 78 × 534261 = 741 × 56238.
23287176 := 2673 × 8712 = 3267 × 7128.	41873755 := 5 × 8374751 = 77 × 543815.
24075162 := 6 × 4012527 = 51 × 472062.	43576992 := 96 × 453927 = 996 × 43752.
24398608 := 8 × 3049826 = 26 × 938408.	48725698 := 842 × 57869 = 5894 × 8267.
24823575 := 3 × 8274525 = 525 × 47283.	51096339 := 513 × 99603 = 5301 × 9639.
24865137 := 387 × 64251 = 531 × 46827.	51469632 := 96 × 536142 = 912 × 56436.
24958791 := 429 × 58179 = 4719 × 5289.	54369792 := 576 × 94392 = 5472 × 9936.
25016944 := 59 × 424016 = 944 × 26501.	55941696 := 591 × 94656 = 5916 × 9456.
25714386 := 3 × 8571462 = 6 × 4285731.	56688192 := 66 × 858912 = 69 × 821568.
25742934 := 27 × 953442 = 4347 × 5922.	56921890 := 62 × 918095 = 695 × 81902.
26198073 := 2673 × 9801 = 3267 × 8019.	67938412 := 92 × 738461 = 7613 × 8924.
27514368 := 48 × 573216 = 384 × 71652.	79269808 := 8 × 9908726 = 89 × 890672.

5. SELFIE-EXPRESSIONS

This category is very much similar to *selfie numbers*, but the difference is that instead of numbers on one side, there are expressions on both sides, i.e., **same digits equality expressions**. We may call it as **selfie expressions**. Below are four different ways of expressing equalities with same digits on both sides:

- (1) $abcd... \times efgh... = cbad... \times gfhe.. \quad \forall a, b, c, d, e, ... \in \mathbb{N}_+$.
- (2) $a^b + c^d + ... = ab + cd + ..., \quad \forall a, b, c, d, .. \in \mathbb{N}$.
- (3) $a! \times b! + (c! + d!) \times e! + ... = a^a + b^b - c^c \times (d^d - e^e) + ..., \quad \forall a, b, c, d, e, ... \in \mathbb{N}_+, \text{ etc.}$
- (4) $a! \times b! + (c! + d!) \times e! + ... = a^c + (b^d - c^a) \times d^e - e^b + ..., \quad \forall a, b, c, d, e, ... \in \mathbb{N}_+, \text{ etc.}$

Some examples related to (2), (3) and (4) are explained below along with few examples. The examples based on 1 are given in details in section 5.

5.1. Power and Addition.

Following the idea of expressions (2) the author wrote the numbers **2017** [31] and **1729** [32] as:

$$\begin{aligned}
 2017 &:= 4^4 + 41^2 + 77^0 + 79^1 &= 44 + 412 + 770 + 791. \\
 &:= 1^4 + 44^2 + 77^0 + 79^1 &= 14 + 442 + 770 + 791. \\
 &:= 2^4 + 2^8 + 4^2 + 12^3 + 180^0 &= 24 + 28 + 42 + 123 + 1800. \\
 &:= 1^1 + 3^6 + 5^4 + 5^4 + 6^2 + 180^0 &= 11 + 36 + 54 + 54 + 62 + 1800.
 \end{aligned}$$

$$\begin{aligned}
 1729 &:= 2^7 + 40^2 + 130^0 &= 27 + 402 + 1300. \\
 &:= 2^6 + 40^2 + 64^1 + 66^0 &= 26 + 402 + 641 + 660. \\
 &:= 1^6 + 41^2 + 46^1 + 84^0 &= 16 + 412 + 461 + 840.
 \end{aligned}$$

Below are more examples,

$$\begin{aligned}
 81 &:= 2^3 + 2^6 + 3^2 &= 23 + 26 + 32. & 246 &:= 5^2 + 5^2 + 14^2 &= 52 + 52 + 142. \\
 99 &:= 2^3 + 3^3 + 4^3 &= 23 + 33 + 43. & 266 &:= 4^2 + 9^2 + 13^2 &= 42 + 92 + 132. \\
 121 &:= 2^3 + 2^6 + 7^2 &= 23 + 26 + 72. & 286 &:= 6^2 + 9^2 + 13^2 &= 62 + 92 + 132. \\
 170 &:= 2^6 + 5^2 + 9^2 &= 26 + 52 + 92. & 306 &:= 8^2 + 11^2 + 11^2 &= 82 + 112 + 112. \\
 246 &:= 2^2 + 11^2 + 11^2 &= 22 + 112 + 112. & 306 &:= 9^2 + 9^2 + 12^2 &= 92 + 92 + 122.
 \end{aligned}$$

In the above examples, the equality expressions are formed by three terms on both sides, while the numbers 2017 and 1729 are with **different terms expressions**. More detailed study can be seen at author's work [35, 36]. In these works, instead of using only positive sign, both positive and negative signs are used.

5.2. Factorial and Power.

Recently, author [37, 38] worked on results arising due to (3) and (4). See below some examples in each case:

• *Different Digits.*

$$\begin{aligned}
 \bullet \mathbf{144} &:= (2! - 1!) \times 3! \times 4! &= -2^2 \times (1^1 + 3^3) + 4^4. \\
 \bullet \mathbf{147} &:= 1! + 2! + 3! \times 4! &= -1^1 - 2^2 \times 3^3 + 4^4. \\
 \bullet \mathbf{148} &:= (1! + 4!) \times 3! - 2! &= 1^1 \times 4^4 - 3^3 \times 2^2. \\
 \bullet \mathbf{152} &:= 2! + 3! \times (1! + 4!) &= 2^2 \times (-3^3 + 1^1) + 4^4. \\
 \bullet \mathbf{286} &:= (-1! + 3! \times 4!) \times 2! &= -1^1 + 3^3 + 4^4 + 2^2. \\
 \bullet \mathbf{287} &:= -1! + 2! \times 3! \times 4! &= 1^1 \times 2^2 + 3^3 + 4^4. \\
 \bullet \mathbf{288} &:= 1! \times 2! \times 3! \times 4! &= 1^1 + 2^2 + 3^3 + 4^4.
 \end{aligned}$$

• *Repetition of Digits.*

$$\begin{aligned}
 \bullet \mathbf{108} &:= 2! \times (3! + 4! + 4!) &= 2^2 \times 3^3 + 4^4 - 4^4 \\
 &:= 3! \times (3! + 3! \times 2!) &= (3^3 + 3^3 - 3^3) \times 2^2 \\
 &:= -5! + 2! \times (5! - 3!) &= (5^5 + 2^2 - 5^5) \times 3^3 \\
 &:= (-3! + 5!) \times 2! - 5! &= 3^3 \times (5^5 + 2^2 - 5^5) \\
 &:= (2! \times 3! + 3!) \times 3! \times 1! &= (2^2 + 3^3 - 3^3) \times 3^3 \times 1^1 \\
 &:= (1! \times 1! + 2!) \times 3! \times 3! &= (-1^1 - 1^1 + 2^2) \times (3^3 + 3^3) \\
 &:= (1! \times 3! + 3! + 3!) \times 3! &= 1^1 \times 3^3 + 3^3 + 3^3 + 3^3 \\
 &:= (4! + 3! \times 1! + 4!) \times 2! &= (4^4 + 3^3 \times 1^1 - 4^4) \times 2^2 \\
 &:= (-3! + 5! \times 1!) \times 2! - 5! &= (5^5 \times 1^1 + 3^3 - 5^5) \times 2^2.
 \end{aligned}$$

$$\begin{aligned}
 \bullet \mathbf{1008} &:= ((4! - 2!) \times 4! - 4!) \times 2! = (4^4 - 2^2 - 4^4 + 4^4) \times 2^2 \\
 &:= (2! + 2! + 4!) \times 3! \times 3! = 2^2 \times (-2^2 + 4^4) - 3^3 + 3^3 \\
 &:= (2! - 1! + 3!) \times 3! \times 4! = -2^2 + (1^1 + 3^3) \times 3^3 + 4^4 \\
 &:= 2! \times (2! \times (5! + 5!) + 4!) = 2^2 \times (-2^2 - 5^5 + 5^5 + 4^4).
 \end{aligned}$$

• *Different Digits with Permutable Powers.*

$$\begin{aligned}
 \bullet \mathbf{1729} &:= 2! \times 3! \times (5! + 4!) + 1! = (2^5 + 3^4 - 5^1) \times 4^2 + 1^3 \\
 &= 2^2 \times (3^5 + 5^3) + 4^4 + 1^1 \\
 &= 2^3 \times (3^5 + 5^1) - 4^4 + 1^2 \\
 &= 2^5 \times (3^4 - 5^2) - 4^3 + 1^1 \\
 \\
 \bullet \mathbf{1729} &:= (3! \times 4! + 6!) \times 2! + 1! = 3^3 \times 4^2 + 6^4 + 2^1 - 1^6 \\
 &= 3^4 \times 4^2 + 6^3 \times 2^1 + 1^6 \\
 &= 3^6 + (4^4 - 6^1) \times 2^2 \times 1^3 \\
 &= 4^2 \times 3^3 + 6^4 + 2^1 - 1^6 \\
 &= 4^2 \times 3^4 + 6^3 \times 2^1 + 1^6 \\
 \\
 \bullet \mathbf{1729} &:= (4! + 5!) \times 2! \times 3! + 1! = (4^2 \times 5^1 - 2^4) \times 3^3 + 1^5 \\
 &= 4^3 \times (5^2 - 2^4) \times 3^1 + 1^5 \\
 &= 4^2 \times (-5^1 + 2^5 + 3^4) + 1^3 \\
 &= 4^5 + 5^4 + 2^3 \times (3^2 + 1^1) \\
 &= 4^2 \times (-5^1 + 2^5 + 3^4) + 1^3
 \end{aligned}$$

6. MULTIPLICATIVE SELFIE EQUALITIES

This subsection brings results based on the expression (1). By multiplicative selfie equalities, we understand that there equalities, where each side is separated by multiplicative factors having same digits on both sides, not necessarily in same order. There are many ways of writing these kind of number, but we have choose only three:

(i) Palindromic-Type Selfie Equalities. *In the first case we have multiplicative equalities with equal number of digits on sides and also in each multiplicative factor. Moreover, all the for multiplicative factors have the same digits. The operations of multiplications is with number and its reverse forming a palindromic-type expression. For example,*

$$13026 \times 62031 = 26013 \times 31062.$$

Due to large quantity of numbers, we worked only up to 7 digits each multiplicative product. For details see the subsection 6.1.

(ii) Selfie Multiplicative Equalities. *The second case is similar to first one, having the same number of digits in each multiplicative factor but not forming a palindromic-type expression. For example,*

$$117 \times 855 = 171 \times 585.$$

Due to large quantity of numbers, we worked only up to 3 digits each multiplicative product. For details see the subsection 6.2.

(iii) Higher Order Selfie Equalities. *The third case is similar to second but there is no rule with order of digits. Only thing is that on both sides of the equality sign, there are same digits. For example,*

$$2 \times 8108919 = 9 \times 1801982 = 182 \times 89109 = 819 \times 19802.$$

Due to large quantity of numbers, we worked only with double or higher equality signs. For details see the subsection 6.3.

6.1. Palindromic-Type Selfie Equalities.

Based on idea of expression (1), the **selfie multiplicative equalities** are written in such a way that numbers formed by same digits multiplied by its reverse are equal to another group of multiplicative factors with same digits but of different numbers. See below examples. The work is limited maximum up to 7 digits.

$$\diamond 1224 \times 4221 = 2142 \times 2412.$$

$$\diamond 1236 \times 6321 = 2163 \times 3612.$$

$$\diamond 1248 \times 8421 = 2184 \times 4812.$$

$$\diamond 1326 \times 6231 = 2613 \times 3162.$$

$$\diamond 1339 \times 9331 = 3193 \times 3913.$$

$$\diamond 1428 \times 8241 = 2814 \times 4182.$$

$$\diamond 2346 \times 6432 = 3264 \times 4623.$$

$$\diamond 2369 \times 9632 = 3296 \times 6923.$$

$$\diamond 2436 \times 6342 = 3624 \times 4263.$$

$$\diamond 2448 \times 8442 = 4284 \times 4824.$$

$$\diamond 2639 \times 9362 = 3926 \times 6293.$$

$$\diamond 3468 \times 8643 = 4386 \times 6834.$$

$$\diamond 3648 \times 8463 = 4836 \times 6384.$$

$$\diamond 4669 \times 9664 = 6496 \times 6946.$$

$$\diamond 12024 \times 42021 = 21042 \times 24012.$$

$$\diamond 12036 \times 63021 = 21063 \times 36012.$$

$$\diamond 12048 \times 84021 = 21084 \times 48012.$$

$$\diamond 12132 \times 23121 = 13212 \times 21231.$$

$$\diamond 12264 \times 46221 = 21462 \times 26412.$$

$$\diamond 12396 \times 69321 = 21693 \times 39612.$$

$$\diamond 13026 \times 62031 = 26013 \times 31062.$$

$$\diamond 13039 \times 93031 = 31093 \times 39013.$$

$$\diamond 13143 \times 34131 = 14313 \times 31341.$$

$$\diamond 13224 \times 42231 = 23142 \times 24132.$$

$$\diamond 13236 \times 63231 = 23163 \times 36132.$$

$$\diamond 13248 \times 84231 = 23184 \times 48132.$$

$$\diamond 13286 \times 68231 = 28613 \times 31682.$$

$$\diamond 13452 \times 25431 = 14532 \times 23541.$$

$$\diamond 13572 \times 27531 = 15732 \times 23751.$$

- $\diamond 13692 \times 29631 = 16932 \times 23961.$
 $\diamond 14028 \times 82041 = 28014 \times 41082.$
 $\diamond 14154 \times 45141 = 15414 \times 41451.$
 $\diamond 14326 \times 62341 = 26143 \times 34162.$
 $\diamond 14339 \times 93341 = 34193 \times 39143.$
 $\diamond 14573 \times 37541 = 15743 \times 34751.$
 $\diamond 15165 \times 56151 = 16515 \times 51561.$
 $\diamond 15428 \times 82451 = 28154 \times 45182.$
 $\diamond 15694 \times 49651 = 16954 \times 45961.$
 $\diamond 16176 \times 67161 = 17616 \times 61671.$
 $\diamond 17187 \times 78171 = 18717 \times 71781.$
 $\diamond 18198 \times 89181 = 19818 \times 81891.$
 $\diamond 23046 \times 64032 = 32064 \times 46023.$
 $\diamond 23064 \times 46032 = 26304 \times 40362.$
 $\diamond 23069 \times 96032 = 32096 \times 69023.$
 $\diamond 23253 \times 35232 = 25323 \times 32352.$
 $\diamond 23546 \times 64532 = 35624 \times 42653.$
 $\diamond 24036 \times 63042 = 36024 \times 42063.$
 $\diamond 24048 \times 84042 = 42084 \times 48024.$
 $\diamond 24264 \times 46242 = 26424 \times 42462.$
 $\diamond 24396 \times 69342 = 39624 \times 42693.$
 $\diamond 25275 \times 57252 = 27525 \times 52572.$
 $\diamond 25346 \times 64352 = 35264 \times 46253.$
 $\diamond 25369 \times 96352 = 35296 \times 69253.$
 $\diamond 25464 \times 46452 = 26544 \times 44562.$
 $\diamond 25783 \times 38752 = 27853 \times 35872.$
 $\diamond 26039 \times 93062 = 39026 \times 62093.$
 $\diamond 26286 \times 68262 = 28626 \times 62682.$
 $\diamond 26436 \times 63462 = 36264 \times 46263.$
 $\diamond 26448 \times 84462 = 46284 \times 48264.$
 $\diamond 26784 \times 48762 = 27864 \times 46872.$
 $\diamond 27297 \times 79272 = 29727 \times 72792.$
 $\diamond 27586 \times 68572 = 28756 \times 65782.$
 $\diamond 28639 \times 93682 = 39286 \times 68293.$
 $\diamond 34068 \times 86043 = 43086 \times 68034.$
 $\diamond 34374 \times 47343 = 37434 \times 43473.$
 $\diamond 35196 \times 69153 = 39516 \times 61593.$
 $\diamond 35385 \times 58353 = 38535 \times 53583.$
 $\diamond 36048 \times 84063 = 48036 \times 63084.$
 $\diamond 36396 \times 69363 = 39636 \times 63693.$
 $\diamond 37468 \times 86473 = 47386 \times 68374.$
 $\diamond 37596 \times 69573 = 39756 \times 65793.$
 $\diamond 38796 \times 69783 = 39876 \times 67893.$
 $\diamond 39648 \times 84693 = 48396 \times 69384.$
 $\diamond 45495 \times 59454 = 49545 \times 54594.$
 $\diamond 46069 \times 96064 = 64096 \times 69046.$
- $\diamond 120024 \times 420021 = 210042 \times 240012.$
 $\diamond 102204 \times 402201 = 201402 \times 204102.$
 $\diamond 130026 \times 620031 = 260013 \times 310062.$
 $\diamond 120036 \times 630021 = 210063 \times 360012.$
- $\diamond 102306 \times 603201 = 201603 \times 306102.$
 $\diamond 103206 \times 602301 = 206103 \times 301602.$
 $\diamond 104208 \times 802401 = 208104 \times 401802.$
 $\diamond 102408 \times 804201 = 201804 \times 408102.$
 $\diamond 120048 \times 840021 = 210084 \times 480012.$
 $\diamond 140028 \times 820041 = 280014 \times 410082.$
 $\diamond 130039 \times 930031 = 310093 \times 390013.$
 $\diamond 103309 \times 903301 = 301903 \times 309103.$
 $\diamond 120132 \times 231021 = 132012 \times 210231.$
 $\diamond 103122 \times 221301 = 112302 \times 203211.$
 $\diamond 130143 \times 341031 = 143013 \times 310341.$
 $\diamond 104133 \times 331401 = 113403 \times 304311.$
 $\diamond 140154 \times 451041 = 154014 \times 410451.$
 $\diamond 105144 \times 441501 = 114504 \times 405411.$
 $\diamond 106155 \times 551601 = 115605 \times 506511.$
 $\diamond 150165 \times 561051 = 165015 \times 510561.$
 $\diamond 160176 \times 671061 = 176016 \times 610671.$
 $\diamond 107166 \times 661701 = 116706 \times 607611.$
 $\diamond 170187 \times 781071 = 187017 \times 710781.$
 $\diamond 108177 \times 771801 = 117807 \times 708711.$
 $\diamond 109188 \times 881901 = 118908 \times 809811.$
 $\diamond 180198 \times 891081 = 198018 \times 810891.$
 $\diamond 132024 \times 420231 = 231042 \times 240132.$
 $\diamond 213024 \times 420312 = 223104 \times 401322.$
 $\diamond 122304 \times 403221 = 214032 \times 230412.$
 $\diamond 103224 \times 422301 = 203412 \times 214302.$
 $\diamond 120264 \times 462021 = 210462 \times 264012.$
 $\diamond 122604 \times 406221 = 206142 \times 241602.$
 $\diamond 103326 \times 623301 = 203613 \times 316302.$
 $\diamond 132036 \times 630231 = 231063 \times 360132.$
 $\diamond 143026 \times 620341 = 260143 \times 341062.$
 $\diamond 104236 \times 632401 = 216403 \times 304612.$
 $\diamond 132048 \times 840231 = 231084 \times 480132.$
 $\diamond 103428 \times 824301 = 203814 \times 418302.$
 $\diamond 123806 \times 608321 = 208163 \times 361802.$
 $\diamond 130286 \times 682031 = 286013 \times 310682.$
 $\diamond 120396 \times 693021 = 210693 \times 396012.$
 $\diamond 132906 \times 609231 = 261903 \times 309162.$
 $\diamond 154028 \times 820451 = 280154 \times 451082.$
 $\diamond 105248 \times 842501 = 218504 \times 405812.$
 $\diamond 124608 \times 806421 = 218064 \times 460812.$
 $\diamond 143039 \times 930341 = 341093 \times 390143.$
 $\diamond 104339 \times 933401 = 304913 \times 319403.$
 $\diamond 133809 \times 908331 = 319083 \times 380913.$
 $\diamond 112224 \times 422211 = 211422 \times 224112.$
 $\diamond 121224 \times 422121 = 212142 \times 241212.$
 $\diamond 113232 \times 232311 = 123312 \times 213321.$
 $\diamond 121332 \times 233121 = 133212 \times 212331.$
 $\diamond 113252 \times 252311 = 121532 \times 235121.$
 $\diamond 121236 \times 632121 = 212163 \times 361212.$
 $\diamond 113226 \times 622311 = 226113 \times 311622.$

- $\diamond 121452 \times 254121 = 145212 \times 212541.$
 $\diamond 114228 \times 822411 = 228114 \times 411822.$
 $\diamond 121248 \times 842121 = 212184 \times 481212.$
 $\diamond 121572 \times 275121 = 157212 \times 212751.$
 $\diamond 121692 \times 296121 = 169212 \times 212961.$
 $\diamond 112336 \times 633211 = 211633 \times 336112.$
 $\diamond 131326 \times 623131 = 261313 \times 313162.$
 $\diamond 114243 \times 342411 = 124413 \times 314421.$
 $\diamond 114352 \times 253411 = 134512 \times 215431.$
 $\diamond 123516 \times 615321 = 216153 \times 351612.$
 $\diamond 141428 \times 824141 = 281414 \times 414182.$
 $\diamond 112448 \times 844211 = 211844 \times 448112.$
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 $\diamond 1015044 \times 4405101 = 1105404 \times 4045011.$

- ◇ 1401055 × 5501041 = 1541005 × 5001451.
 ◇ 1016055 × 5506101 = 1106505 × 5056011.
 ◇ 1500165 × 5610051 = 1650015 × 5100561.
 ◇ 1501066 × 6601051 = 1651006 × 6001561.
 ◇ 1600176 × 6710061 = 1760016 × 6100671.
 ◇ 1017066 × 6607101 = 1107606 × 6067011.
 ◇ 1601077 × 7701061 = 1761007 × 7001671.
 ◇ 1018077 × 7708101 = 1108707 × 7078011.
 ◇ 1700187 × 7810071 = 1870017 × 7100781.
 ◇ 1701088 × 8801071 = 1871008 × 8001781.
 ◇ 1800198 × 8910081 = 1980018 × 8100891.
 ◇ 1019088 × 8809101 = 1109808 × 8089011.
 ◇ 1801099 × 9901081 = 1981009 × 9001891.
 ◇ 2102033 × 3302012 = 2312003 × 3002132.
 ◇ 2031024 × 4201302 = 2132004 × 4002312.
 ◇ 1023042 × 2403201 = 1203402 × 2043021.
 ◇ 1320024 × 4200231 = 2310042 × 2400132.
 ◇ 1202304 × 4032021 = 2104032 × 2304012.
 ◇ 2016024 × 4206102 = 2106204 × 4026012.
 ◇ 1200264 × 4620021 = 2100462 × 2640012.
 ◇ 1033062 × 2603301 = 1303602 × 2063031.
 ◇ 1320036 × 6300231 = 2310063 × 3600132.
 ◇ 1024063 × 3604201 = 1204603 × 3064021.
 ◇ 1430026 × 6200341 = 2600143 × 3410062.
 ◇ 1320048 × 8400231 = 2310084 × 4800132.
 ◇ 1043082 × 2803401 = 1403802 × 2083041.
 ◇ 1300286 × 6820031 = 2860013 × 3100682.
 ◇ 2018036 × 6308102 = 2108306 × 6038012.
 ◇ 3019026 × 6209103 = 3109206 × 6029013.
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 ◇ 1025084 × 4805201 = 1205804 × 4085021.
 ◇ 1540028 × 8200451 = 2800154 × 4510082.
 ◇ 1204608 × 8064021 = 2108064 × 4608012.
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 ◇ 1034093 × 3904301 = 1304903 × 3094031.
 ◇ 1430039 × 9300341 = 3410093 × 3900143.
 ◇ 3081039 × 9301803 = 3183009 × 9003813.
 ◇ 1303809 × 9083031 = 3109083 × 3809013.
 ◇ 4104055 × 5504014 = 4514005 × 5004154.
 ◇ 5105066 × 6605015 = 5615006 × 6005165.
 ◇ 6106077 × 7706016 = 6716007 × 7006176.
 ◇ 7107088 × 8807017 = 7817008 × 8007187.
 ◇ 8108099 × 9908018 = 8918009 × 9008198.
 ◇ 1201212 × 2121021 = 1212012 × 2102121.
 ◇ 1021122 × 2211201 = 1122102 × 2012211.
 ◇ 1112032 × 2302111 = 1201312 × 2131021.
 ◇ 1021231 × 1321201 = 1103221 × 1223011.
 ◇ 1110322 × 2230111 = 1231102 × 2011321.
 ◇ 1031133 × 3311301 = 1133103 × 3013311.
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 ◇ 1401414 × 4141041 = 1414014 × 4104141.
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 ◇ 1051155 × 5511501 = 1155105 × 5015511.
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 ◇ 1061166 × 6611601 = 1166106 × 6016611.
 ◇ 1071177 × 7711701 = 1177107 × 7017711.
 ◇ 1701717 × 7171071 = 1717017 × 7107171.
 ◇ 1801818 × 8181081 = 1818018 × 8108181.
 ◇ 1081188 × 8811801 = 1188108 × 8018811.
 ◇ 1901919 × 9191091 = 1919019 × 9109191.
 ◇ 1091199 × 9911901 = 1199109 × 9019911.
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 ◇ 1212024 × 4202121 = 2121042 × 2401212.
 ◇ 1021224 × 4221201 = 2012412 × 2142102.
 ◇ 1022142 × 2412201 = 1224102 × 2014221.
 ◇ 1120224 × 4220211 = 2110422 × 2240112.
 ◇ 1122204 × 4022211 = 2041122 × 2211402.
 ◇ 1202412 × 2142021 = 1224012 × 2104221.
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 ◇ 1212036 × 6302121 = 2121063 × 3601212.
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 ◇ 1021326 × 6231201 = 2012613 × 3162102.
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 ◇ 1122306 × 6032211 = 2211603 × 3061122.
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 ◇ 1201236 × 6321021 = 2102163 × 3612012.
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 ◇ 2115024 × 4205112 = 2215104 × 4015122.
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 ◇ 1204812 × 2184021 = 1248012 × 2108421.
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 ◇ 1140228 × 8220411 = 2280114 × 4110822.
 ◇ 1201572 × 2751021 = 1572012 × 2102751.
 ◇ 1051722 × 2271501 = 1152702 × 2072511.
 ◇ 1201692 × 2961021 = 1692012 × 2102961.
 ◇ 1061922 × 2291601 = 1162902 × 2092611.
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 ◇ 1313026 × 6203131 = 2601313 × 3131062.
 ◇ 1302613 × 3162031 = 1326013 × 3106231.
 ◇ 1031236 × 6321301 = 2163103 × 3013612.
 ◇ 1301326 × 6231031 = 2613013 × 3103162.
 ◇ 1120336 × 6330211 = 2110633 × 3360112.
 ◇ 1032163 × 3612301 = 1236103 × 3016321.

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- $\diamond 3501286 \times 6821053 = 3851026 \times 6201583.$
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 $\diamond 4503198 \times 8913054 = 4953018 \times 8103594.$
 $\diamond 6350169 \times 9610536 = 6561039 \times 9301656.$
 $\diamond 6305198 \times 8915036 = 6935018 \times 8105396.$
 $\diamond 4416046 \times 6406144 = 4604416 \times 6144064.$
 $\diamond 4044166 \times 6614404 = 4446106 \times 6016444.$
 $\diamond 4140955 \times 5590414 = 4591405 \times 5041954.$
 $\diamond 1406584 \times 4856041 = 1684504 \times 4054861.$
 $\diamond 5404198 \times 8914045 = 5944018 \times 8104495.$
 $\diamond 4046196 \times 6916404 = 4649106 \times 6019464.$
 $\diamond 4416069 \times 9606144 = 6144096 \times 6904416.$
 $\diamond 1121232 \times 2321211 = 1232112 \times 2112321.$
 $\diamond 1212132 \times 2312121 = 1321212 \times 2121231.$
 $\diamond 1131243 \times 3421311 = 1243113 \times 3113421.$
 $\diamond 1141254 \times 4521411 = 1254114 \times 4114521.$
 $\diamond 1151265 \times 5621511 = 1265115 \times 5115621.$
 $\diamond 1161276 \times 6721611 = 1276116 \times 6116721.$
 $\diamond 1171287 \times 7821711 = 1287117 \times 7117821.$
 $\diamond 1181298 \times 8921811 = 1298118 \times 8118921.$
 $\diamond 1313143 \times 3413131 = 1431313 \times 3131341.$
 $\diamond 1414154 \times 4514141 = 1541414 \times 4141451.$
 $\diamond 1515165 \times 5615151 = 1651515 \times 5151561.$
 $\diamond 1616176 \times 6716161 = 1761616 \times 6161671.$
 $\diamond 1717187 \times 7817171 = 1871717 \times 7171781.$
 $\diamond 1818198 \times 8918181 = 1981818 \times 8181891.$
 $\diamond 1224132 \times 2314221 = 1322412 \times 2142231.$
 $\diamond 1124232 \times 2324211 = 1224312 \times 2134221.$
 $\diamond 1123224 \times 4223211 = 2143122 \times 2213412.$
 $\diamond 1123242 \times 2423211 = 1213422 \times 2243121.$
 $\diamond 1221342 \times 2431221 = 1342122 \times 2212431.$
 $\diamond 1321224 \times 4221231 = 2312142 \times 2412132.$
 $\diamond 1213224 \times 4223121 = 2123142 \times 2413212.$
 $\diamond 1212264 \times 4622121 = 2121462 \times 2641212.$
 $\diamond 1321332 \times 2331231 = 1332132 \times 2312331.$
 $\diamond 1213332 \times 2333121 = 1333212 \times 2123331.$
 $\diamond 1132432 \times 2342311 = 1243312 \times 2133421.$
 $\diamond 1133262 \times 2623311 = 1313622 \times 2263131.$
 $\diamond 1236132 \times 2316321 = 1323612 \times 2163231.$

- ◇ 1321236 × 6321231 = 2312163 × 3612132.
 ◇ 1123326 × 6233211 = 2213613 × 3163122.
 ◇ 1213236 × 6323121 = 2123163 × 3613212.
 ◇ 2211543 × 3451122 = 2452113 × 3112542.
 ◇ 1321452 × 2541231 = 1452132 × 2312541.
 ◇ 1214532 × 2354121 = 1345212 × 2125431.
 ◇ 1213452 × 2543121 = 1453212 × 2123541.
 ◇ 1125243 × 3425211 = 1225413 × 3145221.
 ◇ 1123428 × 8243211 = 2213814 × 4183122.
 ◇ 1143282 × 2823411 = 1413822 × 2283141.
 ◇ 1248132 × 2318421 = 1324812 × 2184231.
 ◇ 1213248 × 8423121 = 2123184 × 4813212.
 ◇ 1321248 × 8421231 = 2312184 × 4812132.
 ◇ 1215732 × 2375121 = 1357212 × 2127531.
 ◇ 1321572 × 2751231 = 1572132 × 2312751.
 ◇ 1213572 × 2753121 = 1573212 × 2123751.
 ◇ 1321692 × 2961231 = 1692132 × 2312961.
 ◇ 1216932 × 2396121 = 1369212 × 2129631.
 ◇ 1213692 × 2963121 = 1693212 × 2123961.
 ◇ 1212396 × 6932121 = 2121693 × 3961212.
 ◇ 1122464 × 4642211 = 2114642 × 2464112.
 ◇ 1421562 × 2651241 = 1562142 × 2412651.
 ◇ 1126254 × 4526211 = 1226514 × 4156221.
 ◇ 1214652 × 2564121 = 1465212 × 2125641.
 ◇ 1127265 × 5627211 = 1227615 × 5167221.
 ◇ 1521672 × 2761251 = 1672152 × 2512761.
 ◇ 1215972 × 2795121 = 1597212 × 2127951.
 ◇ 1128276 × 6728211 = 1228716 × 6178221.
 ◇ 1621782 × 2871261 = 1782162 × 2612871.
 ◇ 1721892 × 2981271 = 1892172 × 2712981.
 ◇ 1129287 × 7829211 = 1229817 × 7189221.
 ◇ 1231353 × 3531321 = 1353123 × 3213531.
 ◇ 1326143 × 3416231 = 1432613 × 3162341.
 ◇ 1124363 × 3634211 = 1214633 × 3364121.
 ◇ 1314326 × 6234131 = 2614313 × 3134162.
 ◇ 1134236 × 6324311 = 2164133 × 3314612.
 ◇ 1431326 × 6231341 = 2613143 × 3413162.
 ◇ 1133552 × 2553311 = 1355312 × 2135531.
 ◇ 1135352 × 2535311 = 1335512 × 2155331.
 ◇ 1323516 × 6153231 = 2316153 × 3516132.
 ◇ 1135372 × 2735311 = 1317532 × 2357131.
 ◇ 1313286 × 6823131 = 2861313 × 3131682.
 ◇ 1142543 × 3452411 = 1254413 × 3144521.
 ◇ 1241364 × 4631421 = 1364124 × 4214631.
 ◇ 2311654 × 4561132 = 2563114 × 4113652.
 ◇ 1431726 × 6271341 = 2416173 × 3716142.
 ◇ 1134672 × 2764311 = 1467312 × 2137641.
 ◇ 1132486 × 6842311 = 2486113 × 3116842.
 ◇ 1355172 × 2715531 = 1551732 × 2371551.
 ◇ 1251375 × 5731521 = 1375125 × 5215731.
 ◇ 1235196 × 6915321 = 2161593 × 3951612.
 ◇ 1239516 × 6159321 = 2169153 × 3519612.
 ◇ 1135792 × 2975311 = 1579312 × 2139751.
 ◇ 1261386 × 6831621 = 1386126 × 6216831.
 ◇ 1123696 × 6963211 = 2116963 × 3696112.
 ◇ 1271397 × 7931721 = 1397127 × 7217931.
 ◇ 1428154 × 4518241 = 1542814 × 4182451.
 ◇ 1125484 × 4845211 = 1215844 × 4485121.
 ◇ 1145248 × 8425411 = 2185144 × 4415812.
 ◇ 1415428 × 8245141 = 2815414 × 4145182.
 ◇ 1541428 × 8241451 = 2814154 × 4514182.
 ◇ 1146472 × 2746411 = 1446712 × 2176441.
 ◇ 1152654 × 4562511 = 1265514 × 4155621.
 ◇ 2411765 × 5671142 = 2674115 × 5114762.
 ◇ 1145872 × 2785411 = 1478512 × 2158741.
 ◇ 1157592 × 2957511 = 1557912 × 2197551.
 ◇ 1551972 × 2791551 = 1595172 × 2715951.
 ◇ 1162765 × 5672611 = 1276615 × 5166721.
 ◇ 2511876 × 6781152 = 2785116 × 6115872.
 ◇ 1172876 × 6782711 = 1287716 × 6177821.
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 ◇ 1339143 × 3419331 = 1433913 × 3193341.
 ◇ 1431339 × 9331341 = 3413193 × 3913143.
 ◇ 1134339 × 9334311 = 3194133 × 3314913.
 ◇ 1314339 × 9334131 = 3134193 × 3914313.
 ◇ 1134393 × 3934311 = 1314933 × 3394131.
 ◇ 1136373 × 3736311 = 1336713 × 3176331.
 ◇ 1431443 × 3441341 = 1443143 × 3413441.
 ◇ 1314443 × 3444131 = 1444313 × 3134441.
 ◇ 1314573 × 3754131 = 1574313 × 3134751.
 ◇ 1315743 × 3475131 = 1457313 × 3137541.
 ◇ 1431573 × 3751341 = 1573143 × 3413751.
 ◇ 1143673 × 3763411 = 1367413 × 3147631.
 ◇ 1137394 × 4937311 = 1337914 × 4197331.
 ◇ 1531683 × 3861351 = 1683153 × 3513861.
 ◇ 1315873 × 3785131 = 1587313 × 3137851.
 ◇ 1631793 × 3971361 = 1793163 × 3613971.
 ◇ 1341474 × 4741431 = 1474134 × 4314741.
 ◇ 1351485 × 5841531 = 1485135 × 5315841.
 ◇ 1153794 × 4973511 = 1379514 × 4159731.
 ◇ 1361496 × 6941631 = 1496136 × 6316941.
 ◇ 3515196 × 6915153 = 3951516 × 6151593.
 ◇ 1441584 × 4851441 = 1584144 × 4414851.
 ◇ 1415554 × 4555141 = 1555414 × 4145551.
 ◇ 1541554 × 4551451 = 1554154 × 4514551.
 ◇ 1541694 × 4961451 = 1694154 × 4514961.
 ◇ 1415694 × 4965141 = 1695414 × 4145961.
 ◇ 1416954 × 4596141 = 1569414 × 4149651.
 ◇ 1451595 × 5951541 = 1595145 × 5415951.
 ◇ 1516665 × 5666151 = 1666515 × 5156661.

- $\diamond 1651665 \times 5661561 = 1665165 \times 5615661.$
 $\diamond 1617776 \times 6777161 = 1777616 \times 6167771.$
 $\diamond 1761776 \times 6771671 = 1776176 \times 6716771.$
 $\diamond 1871887 \times 7881781 = 1887187 \times 7817881.$
 $\diamond 1718887 \times 7888171 = 1888717 \times 7178881.$
 $\diamond 1819998 \times 8999181 = 1999818 \times 8189991.$
 $\diamond 1981998 \times 8991891 = 1998198 \times 8918991.$
 $\diamond 1232224 \times 4222321 = 2241232 \times 2321422.$
 $\diamond 1322424 \times 4242231 = 2314242 \times 2424132.$
 $\diamond 1243226 \times 6223421 = 2261243 \times 3421622.$
 $\diamond 1226424 \times 4246221 = 2146242 \times 2426412.$
 $\diamond 2412264 \times 4622142 = 2641224 \times 4221462.$
 $\diamond 2126244 \times 4426212 = 2216424 \times 4246122.$
 $\diamond 1226244 \times 4426221 = 2246142 \times 2416422.$
 $\diamond 1224264 \times 4624221 = 2142462 \times 2642412.$
 $\diamond 1254228 \times 8224521 = 2281254 \times 4521822.$
 $\diamond 1222684 \times 4862221 = 2214862 \times 2684122.$
 $\diamond 1333224 \times 4223331 = 2333142 \times 2413332.$
 $\diamond 2132343 \times 3432312 = 2343213 \times 3123432.$
 $\diamond 1232336 \times 6332321 = 2321633 \times 3361232.$
 $\diamond 1353224 \times 4223531 = 2331542 \times 2451332.$
 $\diamond 1234352 \times 2534321 = 1345232 \times 2325431.$
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 $\diamond 2234153 \times 3514322 = 2413523 \times 3253142.$
 $\diamond 2143352 \times 2533412 = 2315432 \times 2345132.$
 $\diamond 1235342 \times 2435321 = 1334522 \times 2254331.$
 $\diamond 1332264 \times 4622331 = 2331462 \times 2641332.$
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 $\diamond 2136243 \times 3426312 = 2326413 \times 3146232.$
 $\diamond 1233462 \times 2643321 = 1323642 \times 2463231.$
 $\diamond 1323624 \times 4263231 = 2316342 \times 2436132.$
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 $\diamond 1322436 \times 6342231 = 2314263 \times 3624132.$
 $\diamond 3228136 \times 6318223 = 3328216 \times 6128233.$
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 $\diamond 1322544 \times 4452231 = 2314452 \times 2544132.$
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 $\diamond 1344252 \times 2524431 = 1442532 \times 2352441.$
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 $\diamond 1235442 \times 2445321 = 1345422 \times 2245431.$
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 $\diamond 2521344 \times 4431252 = 2532144 \times 4412352.$
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 $\diamond 1345224 \times 4225431 = 2354142 \times 2414532.$
 $\diamond 1243482 \times 2843421 = 1423842 \times 2483241.$
 $\diamond 2143428 \times 8243412 = 4183224 \times 4223814.$
 $\diamond 2413248 \times 8423142 = 4223184 \times 4813224.$
 $\diamond 1322448 \times 8442231 = 2314284 \times 4824132.$
 $\diamond 1232448 \times 8442321 = 2321844 \times 4481232.$
 $\diamond 1324824 \times 4284231 = 2318442 \times 2448132.$
 $\diamond 1357224 \times 4227531 = 2375142 \times 2415732.$
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 $\diamond 1235472 \times 2745321 = 1457232 \times 2327541.$
 $\diamond 2137254 \times 4527312 = 2327514 \times 4157232.$
 $\diamond 1573224 \times 4223751 = 2413572 \times 2753142.$
 $\diamond 2326146 \times 6416232 = 2436216 \times 6126342.$
 $\diamond 1236264 \times 4626321 = 2163462 \times 2643612.$
 $\diamond 2641236 \times 6321462 = 3612264 \times 4622163.$
 $\diamond 1226346 \times 6436221 = 2416623 \times 3266142.$
 $\diamond 2136264 \times 4626312 = 2316624 \times 4266132.$
 $\diamond 1322664 \times 4662231 = 2314662 \times 2664132.$
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 $\diamond 1226436 \times 6346221 = 2146263 \times 3626412.$
 $\diamond 1234762 \times 2674321 = 1476322 \times 2236741.$
 $\diamond 1369224 \times 4229631 = 2396142 \times 2416932.$
 $\diamond 1224396 \times 6934221 = 2142693 \times 3962412.$
 $\diamond 1239624 \times 4269321 = 2169342 \times 2439612.$
 $\diamond 2412396 \times 6932142 = 3961224 \times 4221693.$
 $\diamond 3129246 \times 6429213 = 3219426 \times 6249123.$
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 $\diamond 1693224 \times 4223961 = 2413692 \times 2963142.$
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 $\diamond 1322784 \times 4872231 = 2314872 \times 2784132.$
 $\diamond 2152365 \times 5632512 = 2365215 \times 5125632.$
 $\diamond 1236572 \times 2756321 = 1327652 \times 2567231.$
 $\diamond 2138265 \times 5628312 = 2328615 \times 5168232.$
 $\diamond 1236592 \times 2956321 = 1569232 \times 2329651.$
 $\diamond 1235982 \times 2895321 = 1598322 \times 2238951.$
 $\diamond 2162376 \times 6732612 = 2376216 \times 6126732.$
 $\diamond 1326286 \times 6826231 = 2862613 \times 3162682.$
 $\diamond 1238266 \times 6628321 = 2268163 \times 3618622.$
 $\diamond 2613286 \times 6823162 = 2861326 \times 6231682.$
 $\diamond 1328626 \times 6268231 = 2628613 \times 3168262.$
 $\diamond 2128366 \times 6638212 = 2218636 \times 6368122.$
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 $\diamond 2139276 \times 6729312 = 2329716 \times 6179232.$
 $\diamond 2172387 \times 7832712 = 2387217 \times 7127832.$
 $\diamond 2182398 \times 8932812 = 2398218 \times 8128932.$
 $\diamond 1465224 \times 4225641 = 2414652 \times 2564142.$
 $\diamond 1225464 \times 4645221 = 2144562 \times 2654412.$
 $\diamond 2521464 \times 4641252 = 2652144 \times 4412562.$
 $\diamond 4241256 \times 6521424 = 4452126 \times 6212544.$
 $\diamond 1442652 \times 2562441 = 1464252 \times 2524641.$
 $\diamond 1245624 \times 4265421 = 2164542 \times 2454612.$
 $\diamond 1226544 \times 4456221 = 2146452 \times 2546412.$
 $\diamond 1452264 \times 4622541 = 2541462 \times 2641452.$
 $\diamond 4228146 \times 6418224 = 4428216 \times 6128244.$
 $\diamond 1226448 \times 8446221 = 2146284 \times 4826412.$
 $\diamond 1226448 \times 8446221 = 2416824 \times 4286142.$
 $\diamond 2641248 \times 8421462 = 4622184 \times 4812264.$
 $\diamond 1248264 \times 4628421 = 2184462 \times 2644812.$
 $\diamond 1572264 \times 4622751 = 2641572 \times 2751462.$

- ◇ 2417256 × 6527142 = 2514726 × 6274152.
 ◇ 1562284 × 4822651 = 2651482 × 2841562.
 ◇ 1597224 × 4227951 = 2415972 × 2795142.
 ◇ 1542828 × 8282451 = 2828154 × 4518282.
 ◇ 1226664 × 4666221 = 2146662 × 2666412.
 ◇ 1247662 × 2667421 = 1467622 × 2267641.
 ◇ 1692264 × 4622961 = 2641692 × 2961462.
 ◇ 1227864 × 4687221 = 2148762 × 2678412.
 ◇ 1226784 × 4876221 = 2146872 × 2786412.
 ◇ 1227984 × 4897221 = 2148972 × 2798412.
 ◇ 1259882 × 2889521 = 1589822 × 2289851.
 ◇ 1333236 × 6323331 = 2333163 × 3613332.
 ◇ 1334532 × 2354331 = 1345332 × 2335431.
 ◇ 1333452 × 2543331 = 1453332 × 2333541.
 ◇ 1333248 × 8423331 = 2333184 × 4813332.
 ◇ 1243339 × 9333421 = 3391243 × 3421933.
 ◇ 1335732 × 2375331 = 1357332 × 2337531.
 ◇ 1333572 × 2753331 = 1573332 × 2333751.
 ◇ 1323636 × 6363231 = 2316363 × 3636132.
 ◇ 1332396 × 6932331 = 2331693 × 3961332.
 ◇ 1333692 × 2963331 = 1693332 × 2333961.
 ◇ 1336932 × 2396331 = 1369332 × 2339631.
 ◇ 1334256 × 6524331 = 2513643 × 3463152.
 ◇ 1345236 × 6325431 = 2354163 × 3614532.
 ◇ 2453136 × 6313542 = 3351264 × 4621533.
 ◇ 1334652 × 2564331 = 1465332 × 2335641.
 ◇ 1243653 × 3563421 = 1365423 × 3245631.
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 ◇ 2153643 × 3463512 = 2364513 × 3154632.
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 ◇ 1353246 × 6423531 = 2461353 × 3531642.
 ◇ 1236453 × 3546321 = 1346523 × 3256431.
 ◇ 1245373 × 3735421 = 1357243 × 3427531.
 ◇ 1342366 × 6632431 = 2431663 × 3661342.
 ◇ 3312764 × 4672133 = 3673124 × 4213763.
 ◇ 3613248 × 8423163 = 4813236 × 6323184.
 ◇ 3163428 × 8243613 = 4183326 × 6233814.
 ◇ 1343682 × 2863431 = 1433862 × 2683341.
 ◇ 1324836 × 6384231 = 2318463 × 3648132.
 ◇ 1323648 × 8463231 = 2316384 × 4836132.
 ◇ 1433926 × 6293341 = 2639143 × 3419362.
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 ◇ 1432639 × 9362341 = 3416293 × 3926143.
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 ◇ 3721356 × 6531273 = 3732156 × 6512373.
 ◇ 1357236 × 6327531 = 2375163 × 3615732.
 ◇ 1237356 × 6537321 = 2165373 × 3735612.
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 ◇ 1239636 × 6369321 = 2169363 × 3639612.
 ◇ 1323876 × 6783231 = 2316783 × 3876132.
 ◇ 3281936 × 6391823 = 3392816 × 6182933.
 ◇ 1328639 × 9368231 = 3168293 × 3928613.
 ◇ 2861339 × 9331682 = 3913286 × 6823193.
 ◇ 2138396 × 6938312 = 2318936 × 6398132.
 ◇ 1238369 × 9638321 = 3298163 × 3618923.
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 ◇ 1323996 × 6993231 = 2316993 × 3996132.
 ◇ 1444326 × 6234441 = 2614443 × 3444162.
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 ◇ 1344562 × 2654431 = 1465342 × 2435641.
 ◇ 2534416 × 6144352 = 3526144 × 4416253.
 ◇ 2341546 × 6451432 = 3561424 × 4241653.
 ◇ 1345248 × 8425431 = 2354184 × 4814532.
 ◇ 3148254 × 4528413 = 3428514 × 4158243.
 ◇ 1453248 × 8423541 = 2543184 × 4813452.
 ◇ 1237464 × 4647321 = 1347624 × 4267431.
 ◇ 1443286 × 6823441 = 2861443 × 3441682.
 ◇ 1364248 × 8424631 = 2481364 × 4631842.
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 ◇ 2643516 × 6153462 = 3516264 × 4626153.
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 ◇ 1574326 × 6234751 = 2614573 × 3754162.
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 ◇ 1456273 × 3726541 = 1562743 × 3472651.
 ◇ 1435762 × 2675341 = 1576342 × 2436751.
 ◇ 1475236 × 6325741 = 2541763 × 3671452.

- $\diamond 1253764 \times 4673521 = 1376524 \times 4256731.$
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 $\diamond 2134686 \times 6864312 = 3126864 \times 4686213.$
 $\diamond 2146739 \times 9376412 = 3247916 \times 6197423.$
 $\diamond 3421976 \times 6791243 = 3794216 \times 6124973.$
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 $\diamond 1248683 \times 3868421 = 1468823 \times 3288641.$
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 ◇ 2302323 × 3232032 = 2323023 × 3203232.
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 ◇ 2402424 × 4242042 = 2424024 × 4204242.
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 $\diamond 3083099 \times 9903803 = 3389009 \times 9009833.$
 $\diamond 3809039 \times 9309083 = 3903809 \times 9083093.$
 $\diamond 4304077 \times 7704034 = 4734007 \times 7004374.$
 $\diamond 3604608 \times 8064063 = 4608036 \times 6308064.$
 $\diamond 4063068 \times 8603604 = 4366008 \times 8006634.$
 $\diamond 3067084 \times 4807603 = 3607804 \times 4087063.$
 $\diamond 3740068 \times 8600473 = 4730086 \times 6800374.$
 $\diamond 3049086 \times 6809403 = 3409806 \times 6089043.$
 $\diamond 3960048 \times 8400693 = 4800396 \times 6930084.$
 $\diamond 5305088 \times 8805035 = 5835008 \times 8005385.$
 $\diamond 6306099 \times 9906036 = 6936009 \times 9006396.$
 $\diamond 3403434 \times 4343043 = 3434034 \times 4304343.$
 $\diamond 3043344 \times 4433403 = 3344304 \times 4034433.$
 $\diamond 3503535 \times 5353053 = 3535035 \times 5303533.$
 $\diamond 3053355 \times 5533503 = 3353305 \times 5033533.$
 $\diamond 3063366 \times 6633603 = 3366306 \times 6036633.$
 $\diamond 3603636 \times 6363063 = 3636036 \times 6306363.$
 $\diamond 3336096 \times 6906333 = 3603936 \times 6393063.$
 $\diamond 3063693 \times 3963603 = 3309663 \times 3669033.$
 $\diamond 3330966 \times 6690333 = 3693306 \times 6033963.$
 $\diamond 3073377 \times 7733703 = 3377307 \times 7037733.$
 $\diamond 3703737 \times 7373073 = 3737037 \times 7307373.$
 $\diamond 3083388 \times 8833803 = 3388308 \times 8038833.$
 $\diamond 3803838 \times 8383083 = 3838038 \times 8308383.$
 $\diamond 3093399 \times 9933903 = 3399309 \times 9039933.$
 $\diamond 3903939 \times 9393093 = 3939039 \times 9309393.$
 $\diamond 3434068 \times 8604343 = 4343086 \times 6803434.$
 $\diamond 3360448 \times 8440633 = 4480336 \times 6330844.$
 $\diamond 3344608 \times 8064433 = 4433806 \times 6083344.$
 $\diamond 3406834 \times 4386043 = 3468034 \times 4308643.$
 $\diamond 3043648 \times 8463403 = 4034836 \times 6384304.$
 $\diamond 3403468 \times 8643043 = 4304386 \times 6834034.$
 $\diamond 3046384 \times 4836403 = 3648304 \times 4038463.$
 $\diamond 3073744 \times 4473703 = 3374704 \times 4074733.$
 $\diamond 3403774 \times 4773043 = 3774034 \times 4304773.$
 $\diamond 3603648 \times 8463063 = 4836036 \times 6306384.$
 $\diamond 3063468 \times 8643603 = 4386306 \times 6036834.$
 $\diamond 3636048 \times 8406363 = 4803636 \times 6363084.$
 $\diamond 3604836 \times 6384063 = 3648036 \times 6308463.$
 $\diamond 3340668 \times 8660433 = 4330866 \times 6680334.$
 $\diamond 3064386 \times 6834603 = 3468306 \times 6038643.$
 $\diamond 3366408 \times 8046633 = 4083366 \times 6633804.$
 $\diamond 3083855 \times 5583803 = 3385805 \times 5085833.$
 $\diamond 3503885 \times 5883053 = 3885035 \times 5305883.$
 $\diamond 3603756 \times 6573063 = 3756036 \times 6306573.$
 $\diamond 3073566 \times 6653703 = 3376506 \times 6056733.$
 $\diamond 3603876 \times 6783063 = 3876036 \times 6306783.$
 $\diamond 3083766 \times 6673803 = 3386706 \times 6076833.$

- ◇ 3830676 × 6760383 = 3863076 × 6703683.
 ◇ 3603996 × 6993063 = 3996036 × 6306993.
 ◇ 3093966 × 6693903 = 3396906 × 6096933.
 ◇ 3830796 × 6970383 = 3983076 × 6703893.
 ◇ 3440688 × 8860443 = 4430886 × 6880344.
 ◇ 3604848 × 8484063 = 4848036 × 6308484.
 ◇ 3648048 × 8408463 = 4804836 × 6384084.
 ◇ 3064488 × 8844603 = 4488306 × 6038844.
 ◇ 4083468 × 8643804 = 4386408 × 8046834.
 ◇ 3468408 × 8048643 = 4084386 × 6834804.
 ◇ 4803648 × 8463084 = 4836048 × 8406384.
 ◇ 3756048 × 8406573 = 4803756 × 6573084.
 ◇ 3074586 × 6854703 = 3478506 × 6058743.
 ◇ 3067648 × 8467603 = 4078636 × 6368704.
 ◇ 6074369 × 9634706 = 6476309 × 9036746.
 ◇ 4606739 × 9376064 = 6409376 × 6739046.
 ◇ 3648608 × 8068463 = 4836806 × 6086384.
 ◇ 3468068 × 8608643 = 4386086 × 6806834.
 ◇ 3660488 × 8840663 = 4880366 × 6630884.
 ◇ 3046688 × 8866403 = 4038866 × 6688304.
 ◇ 3406868 × 8686043 = 4308686 × 6868034.
 ◇ 6803468 × 8643086 = 6834068 × 8604386.
 ◇ 6083648 × 8463806 = 6384608 × 8064836.
 ◇ 3964608 × 8064693 = 4608396 × 6938064.
 ◇ 4093668 × 8663904 = 4396608 × 8066934.
 ◇ 4609368 × 8639064 = 4936608 × 8066394.
 ◇ 3604968 × 8694063 = 4968036 × 6308694.
 ◇ 3076784 × 4876703 = 3678704 × 4078763.
 ◇ 3774068 × 8604773 = 4773086 × 6803774.
 ◇ 3876048 × 8406783 = 4803876 × 6783084.
 ◇ 3076848 × 8486703 = 4087836 × 6387804.
 ◇ 3084786 × 6874803 = 3488706 × 6078843.
 ◇ 3996048 × 8406993 = 4803996 × 6993084.
 ◇ 3094986 × 6894903 = 3498906 × 6098943.
 ◇ 6739069 × 9609376 = 6906739 × 9376096.
 ◇ 6076399 × 9936706 = 6679309 × 9039766.
 ◇ 3434374 × 4734343 = 3743434 × 4343473.
 ◇ 3343674 × 4763433 = 3674334 × 4334763.
 ◇ 3535385 × 5835353 = 3853535 × 5353583.
 ◇ 3353685 × 5863533 = 3685335 × 5335863.
 ◇ 3637356 × 6537363 = 3735636 × 6365373.
 ◇ 3733596 × 6953373 = 3973356 × 6533793.
 ◇ 3363696 × 6963633 = 3696336 × 6336963.
 ◇ 3636396 × 6936363 = 3963636 × 6363693.
 ◇ 3736399 × 9936373 = 3976339 × 9336793.
 ◇ 3443784 × 4873443 = 3784344 × 4434873.
 ◇ 3543894 × 4983453 = 3894354 × 4534983.
 ◇ 4437366 × 6637344 = 4647336 × 6337464.
 ◇ 3437468 × 8647343 = 4347386 × 6837434.
 ◇ 3468374 × 4738643 = 3746834 × 4386473.
 ◇ 3347648 × 8467433 = 4437836 × 6387344.
 ◇ 3367484 × 4847633 = 3637844 × 4487363.
 ◇ 3743468 × 8643473 = 4734386 × 6834374.
 ◇ 3437774 × 4777343 = 3777434 × 4347773.
 ◇ 3743774 × 4773473 = 3774374 × 4734773.
 ◇ 3734556 × 6554373 = 3745356 × 6535473.
 ◇ 3453795 × 5973543 = 3795345 × 5435973.
 ◇ 3735648 × 8465373 = 4837356 × 6537384.
 ◇ 3574368 × 8634753 = 4583376 × 6733854.
 ◇ 3349686 × 6869433 = 3439866 × 6689343.
 ◇ 3648396 × 6938463 = 3964836 × 6384693.
 ◇ 3639648 × 8469363 = 4839636 × 6369384.
 ◇ 3649368 × 8639463 = 4936836 × 6386394.
 ◇ 3963648 × 8463693 = 4836396 × 6936384.
 ◇ 3369468 × 8649633 = 4389366 × 6639834.
 ◇ 3735756 × 6575373 = 3757356 × 6537573.
 ◇ 3853885 × 5883583 = 3885385 × 5835883.
 ◇ 3538885 × 5888353 = 3888535 × 5358883.
 ◇ 3637596 × 6957363 = 3975636 × 6365793.
 ◇ 3639756 × 6579363 = 3759636 × 6369573.
 ◇ 3756396 × 6936573 = 3963756 × 6573693.
 ◇ 3736956 × 6596373 = 3769356 × 6539673.
 ◇ 3735876 × 6785373 = 3877356 × 6537783.
 ◇ 6373599 × 9953736 = 6795339 × 9335976.
 ◇ 3735996 × 6995373 = 3997356 × 6537993.
 ◇ 6539399 × 9939356 = 6959339 × 9339596.
 ◇ 3638676 × 6768363 = 3867636 × 6367683.
 ◇ 3638796 × 6978363 = 3987636 × 6367893.
 ◇ 3639876 × 6789363 = 3879636 × 6369783.
 ◇ 3876396 × 6936783 = 3963876 × 6783693.
 ◇ 3639996 × 6999363 = 3999636 × 6369993.
 ◇ 3963996 × 6993693 = 3996396 × 6936993.
 ◇ 4354785 × 5874534 = 4785435 × 5345874.
 ◇ 3547466 × 6647453 = 3657446 × 6447563.
 ◇ 3564648 × 8464653 = 4653846 × 6483564.
 ◇ 4934568 × 8654394 = 4945368 × 8635494.
 ◇ 4478395 × 5938744 = 4837945 × 5497384.
 ◇ 4387594 × 4957834 = 4589374 × 4739854.
 ◇ 3479584 × 4859743 = 3758944 × 4498573.
 ◇ 4364796 × 6974634 = 4796436 × 6346974.
 ◇ 3696448 × 8446963 = 4483696 × 6963844.
 ◇ 4849368 × 8639484 = 4936848 × 8486394.
 ◇ 3964848 × 8484693 = 4848396 × 6938484.
 ◇ 3745596 × 6955473 = 3974556 × 6554793.
 ◇ 3854676 × 6764583 = 3865476 × 6745683.
 ◇ 3574966 × 6694753 = 3695746 × 6475963.
 ◇ 3475696 × 6965743 = 3697456 × 6547963.
 ◇ 3854796 × 6974583 = 3985476 × 6745893.
 ◇ 3975648 × 8465793 = 4837596 × 6957384.
 ◇ 3759648 × 8469573 = 4839756 × 6579384.
 ◇ 4935768 × 8675394 = 4957368 × 8637594.
 ◇ 3674668 × 8664763 = 4763866 × 6683674.

- $\diamond 4686639 \times 9366864 = 6394686 \times 6864936.$
 $\diamond 3746868 \times 8686473 = 4738686 \times 6868374.$
 $\diamond 3867648 \times 8467683 = 4838676 \times 6768384.$
 $\diamond 3964968 \times 8694693 = 4968396 \times 6938694.$
 $\diamond 4936968 \times 8696394 = 4969368 \times 8639694.$
 $\diamond 3777468 \times 8647773 = 4777386 \times 6837774.$
 $\diamond 3784688 \times 8864873 = 4873886 \times 6883784.$
 $\diamond 3879648 \times 8469783 = 4839876 \times 6789384.$
 $\diamond 3794688 \times 8864973 = 4893786 \times 6873984.$
 $\diamond 3987648 \times 8467893 = 4838796 \times 6978384.$
 $\diamond 3999648 \times 8469993 = 4839996 \times 6999384.$
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 $\diamond 3757596 \times 6957573 = 3975756 \times 6575793.$
 $\diamond 3758676 \times 6768573 = 3867756 \times 6577683.$
 $\diamond 3587696 \times 6967853 = 3698576 \times 6758963.$
 $\diamond 3769596 \times 6959673 = 3976956 \times 6596793.$
 $\diamond 3759876 \times 6789573 = 3879756 \times 6579783.$
 $\diamond 3758796 \times 6978573 = 3987756 \times 6577893.$
 $\diamond 3877596 \times 6957783 = 3975876 \times 6785793.$
 $\diamond 3975996 \times 6995793 = 3997596 \times 6957993.$
 $\diamond 3759996 \times 6999573 = 3999756 \times 6579993.$
 $\diamond 3866796 \times 6976683 = 3986676 \times 6766893.$
 $\diamond 3867876 \times 6787683 = 3878676 \times 6768783.$
 $\diamond 3867996 \times 6997683 = 3998676 \times 6768993.$
 $\diamond 3869699 \times 9969683 = 3989669 \times 9669893.$
 $\diamond 3878796 \times 6978783 = 3987876 \times 6787893.$
 $\diamond 3879996 \times 6999783 = 3999876 \times 6789993.$
 $\diamond 3987996 \times 6997893 = 3998796 \times 6978993.$
 $\diamond 4600069 \times 9600064 = 6400096 \times 6900046.$
 $\diamond 4060609 \times 9060604 = 6040906 \times 6090406.$
 $\diamond 4404088 \times 8804044 = 4844008 \times 8004484.$
 $\diamond 4500495 \times 5940054 = 4950045 \times 5400594.$
 $\diamond 4049055 \times 5509404 = 4409505 \times 5059044.$
 $\diamond 4504099 \times 9904054 = 4954009 \times 9004594.$
 $\diamond 4064088 \times 8804604 = 4468008 \times 8008644.$
 $\diamond 4608048 \times 8408064 = 4804608 \times 8064084.$
 $\diamond 5405099 \times 9905045 = 5945009 \times 9005495.$
 $\diamond 6054069 \times 9604506 = 6456009 \times 9006546.$
 $\diamond 4606509 \times 9056064 = 6409056 \times 6509046.$
 $\diamond 4054455 \times 5544504 = 4455405 \times 5045544.$
 $\diamond 4504545 \times 5454054 = 4545045 \times 5405454.$
 $\diamond 4604646 \times 6464064 = 4646046 \times 6406464.$
 $\diamond 4064466 \times 6644604 = 4466406 \times 6046644.$
 $\diamond 4704747 \times 7474074 = 4747047 \times 7407474.$
 $\diamond 4074477 \times 7744704 = 4477407 \times 7047744.$
 $\diamond 4804848 \times 8484084 = 4848048 \times 8408484.$
 $\diamond 4084488 \times 8844804 = 4488408 \times 8048844.$
 $\diamond 4904949 \times 9494094 = 4949049 \times 9409494.$
 $\diamond 4094499 \times 9944904 = 4499409 \times 9049944.$
 $\diamond 4504995 \times 5994054 = 4995045 \times 5405994.$
 $\diamond 4094955 \times 5594904 = 4495905 \times 5095944.$
 $\diamond 4064669 \times 9664604 = 6046946 \times 6496406.$
 $\diamond 4460669 \times 9660644 = 6440966 \times 6690446.$
 $\diamond 4066496 \times 6946604 = 4669406 \times 6049664.$
 $\diamond 4646069 \times 9606464 = 6464096 \times 6904646.$
 $\diamond 4604669 \times 9664064 = 6406496 \times 6946046.$
 $\diamond 4466609 \times 9066644 = 6094466 \times 6644906.$
 $\diamond 4606946 \times 6496064 = 4669046 \times 6409664.$
 $\diamond 4084766 \times 6674804 = 4486706 \times 6076844.$
 $\diamond 4604876 \times 6784064 = 4876046 \times 6406784.$
 $\diamond 4094688 \times 8864904 = 4498608 \times 8068944.$
 $\diamond 4804968 \times 8694084 = 4968048 \times 8408694.$
 $\diamond 6094669 \times 9664906 = 6496609 \times 9066946.$
 $\diamond 4660699 \times 9960664 = 6640996 \times 6990466.$
 $\diamond 4066699 \times 9966604 = 6049966 \times 6699406.$
 $\diamond 4669069 \times 9609664 = 6496096 \times 6906946.$
 $\diamond 6904669 \times 9664096 = 6946069 \times 9606496.$
 $\diamond 4606969 \times 9696064 = 6409696 \times 6969046.$
 $\diamond 4669609 \times 9069664 = 6096496 \times 6946906.$
 $\diamond 4876069 \times 9606784 = 6784096 \times 6904876.$
 $\diamond 4086796 \times 6976804 = 4689706 \times 6079864.$
 $\diamond 4545495 \times 5945454 = 4954545 \times 5454594.$
 $\diamond 4454895 \times 5984544 = 4895445 \times 5445984.$
 $\diamond 4648488 \times 8848464 = 4868448 \times 8448684.$
 $\diamond 4954995 \times 5994594 = 4995495 \times 5945994.$
 $\diamond 4549995 \times 5999454 = 4999545 \times 5459994.$
 $\diamond 4646586 \times 6856464 = 4866456 \times 6546684.$
 $\diamond 4648576 \times 6758464 = 4857646 \times 6467584.$
 $\diamond 4685769 \times 9675864 = 6594786 \times 6874956.$
 $\diamond 4857669 \times 9667584 = 6758496 \times 6948576.$
 $\diamond 4857876 \times 6787584 = 4878576 \times 6758784.$
 $\diamond 6509069 \times 9609056 = 6906509 \times 9056096.$
 $\diamond 6056099 \times 9906506 = 6659009 \times 9009566.$
 $\diamond 5605656 \times 6565065 = 5656056 \times 6506565.$
 $\diamond 5065566 \times 6655605 = 5566506 \times 6056655.$
 $\diamond 5075577 \times 7755705 = 5577507 \times 7057755.$
 $\diamond 5705757 \times 7575075 = 5757057 \times 7507575.$
 $\diamond 5085588 \times 8855805 = 5588508 \times 8058855.$
 $\diamond 5805858 \times 8585085 = 5858058 \times 8508585.$
 $\diamond 5095599 \times 9955905 = 5599509 \times 9059955.$
 $\diamond 5905959 \times 9595095 = 5959059 \times 9509595.$
 $\diamond 6706767 \times 7676076 = 6767067 \times 7607676.$
 $\diamond 6076677 \times 7766706 = 6677607 \times 7067766.$
 $\diamond 6806868 \times 8686086 = 6868068 \times 8608686.$
 $\diamond 6086688 \times 8866806 = 6688608 \times 8068866.$
 $\diamond 6096699 \times 9966906 = 6699609 \times 9069966.$
 $\diamond 6906969 \times 9696096 = 6969069 \times 9609696.$
 $\diamond 7807878 \times 8787087 = 7878078 \times 8708787.$
 $\diamond 7087788 \times 8877807 = 7788708 \times 8078877.$
 $\diamond 7097799 \times 9977907 = 7799709 \times 9079977.$
 $\diamond 7907979 \times 9797097 = 7979079 \times 9709797.$
 $\diamond 8098899 \times 9988908 = 8899809 \times 9089988.$
 $\diamond 8908989 \times 9898098 = 8989089 \times 9809898.$

6.2. Selfie Multiplicative Equalities.

This subsection brings results based on the expression (1) in such a way that both sides of the equality there are same digits. Moreover, the first and second products in each side of the equality are with same digits in their respective way. Since there are too many numbers of this type, so, the study is limited up to 3 digits in each multiplicative factor. See below examples:

$\diamond 12 \times 42 = 21 \times 24.$	$\diamond 113 \times 622 = 311 \times 226.$	$\diamond 122 \times 848 = 212 \times 488.$
$\diamond 12 \times 63 = 21 \times 36.$	$\diamond 113 \times 655 = 131 \times 565.$	$\diamond 122 \times 884 = 221 \times 488.$
$\diamond 12 \times 84 = 21 \times 48.$	$\diamond 113 \times 786 = 131 \times 678.$	$\diamond 122 \times 954 = 212 \times 549.$
$\diamond 13 \times 62 = 31 \times 26.$	$\diamond 113 \times 917 = 131 \times 791.$	$\diamond 123 \times 264 = 132 \times 246.$
$\diamond 13 \times 93 = 31 \times 39.$	$\diamond 113 \times 933 = 311 \times 339.$	$\diamond 123 \times 396 = 132 \times 369.$
$\diamond 14 \times 82 = 41 \times 28.$	$\diamond 114 \times 282 = 141 \times 228.$	$\diamond 123 \times 416 = 312 \times 164.$
$\diamond 23 \times 64 = 32 \times 46.$	$\diamond 114 \times 423 = 141 \times 342.$	$\diamond 123 \times 426 = 213 \times 246.$
$\diamond 23 \times 96 = 32 \times 69.$	$\diamond 114 \times 564 = 141 \times 456.$	$\diamond 123 \times 462 = 231 \times 246.$
$\diamond 24 \times 63 = 42 \times 36.$	$\diamond 114 \times 705 = 141 \times 570.$	$\diamond 123 \times 520 = 312 \times 205.$
$\diamond 24 \times 84 = 42 \times 48.$	$\diamond 114 \times 822 = 411 \times 228.$	$\diamond 123 \times 624 = 312 \times 246.$
$\diamond 26 \times 93 = 62 \times 39.$	$\diamond 114 \times 846 = 141 \times 684.$	$\diamond 123 \times 639 = 213 \times 369.$
$\diamond 34 \times 86 = 43 \times 68.$	$\diamond 114 \times 987 = 141 \times 798.$	$\diamond 123 \times 642 = 321 \times 246.$
$\diamond 36 \times 84 = 63 \times 48.$	$\diamond 115 \times 302 = 151 \times 230.$	$\diamond 123 \times 693 = 231 \times 369.$
$\diamond 46 \times 96 = 64 \times 69.$	$\diamond 115 \times 453 = 151 \times 345.$	$\diamond 123 \times 728 = 312 \times 287.$
	$\diamond 115 \times 604 = 151 \times 460.$	$\diamond 123 \times 832 = 312 \times 328.$
$\diamond 102 \times 315 = 210 \times 153.$	$\diamond 115 \times 755 = 151 \times 575.$	$\diamond 123 \times 924 = 231 \times 492.$
$\diamond 102 \times 402 = 201 \times 204.$	$\diamond 115 \times 906 = 151 \times 690.$	$\diamond 123 \times 936 = 312 \times 369.$
$\diamond 102 \times 525 = 210 \times 255.$	$\diamond 116 \times 322 = 161 \times 232.$	$\diamond 123 \times 963 = 321 \times 369.$
$\diamond 102 \times 603 = 201 \times 306.$	$\diamond 116 \times 483 = 161 \times 348.$	$\diamond 124 \times 284 = 142 \times 248.$
$\diamond 102 \times 735 = 210 \times 357.$	$\diamond 116 \times 644 = 161 \times 464.$	$\diamond 124 \times 428 = 214 \times 248.$
$\diamond 102 \times 804 = 201 \times 408.$	$\diamond 116 \times 805 = 161 \times 580.$	$\diamond 124 \times 482 = 241 \times 248.$
$\diamond 102 \times 945 = 210 \times 459.$	$\diamond 116 \times 966 = 161 \times 696.$	$\diamond 124 \times 515 = 412 \times 155.$
$\diamond 103 \times 602 = 301 \times 206.$	$\diamond 117 \times 342 = 171 \times 234.$	$\diamond 124 \times 618 = 412 \times 186.$
$\diamond 103 \times 903 = 301 \times 309.$	$\diamond 117 \times 513 = 171 \times 351.$	$\diamond 124 \times 721 = 412 \times 217.$
$\diamond 104 \times 615 = 410 \times 156.$	$\diamond 117 \times 684 = 171 \times 468.$	$\diamond 124 \times 723 = 241 \times 372.$
$\diamond 104 \times 802 = 401 \times 208.$	$\diamond 117 \times 855 = 171 \times 585.$	$\diamond 124 \times 824 = 412 \times 248.$
$\diamond 105 \times 612 = 510 \times 126.$	$\diamond 118 \times 362 = 181 \times 236.$	$\diamond 124 \times 842 = 421 \times 248.$
$\diamond 105 \times 714 = 510 \times 147.$	$\diamond 118 \times 543 = 181 \times 354.$	$\diamond 124 \times 927 = 412 \times 279.$
$\diamond 105 \times 816 = 510 \times 168.$	$\diamond 118 \times 724 = 181 \times 472.$	$\diamond 124 \times 964 = 241 \times 496.$
$\diamond 105 \times 918 = 510 \times 189.$	$\diamond 118 \times 905 = 181 \times 590.$	$\diamond 125 \times 502 = 251 \times 250.$
$\diamond 106 \times 915 = 610 \times 159.$	$\diamond 119 \times 382 = 191 \times 238.$	$\diamond 125 \times 753 = 251 \times 375.$
$\diamond 112 \times 242 = 121 \times 224.$	$\diamond 119 \times 573 = 191 \times 357.$	$\diamond 126 \times 522 = 261 \times 252.$
$\diamond 112 \times 363 = 121 \times 336.$	$\diamond 119 \times 764 = 191 \times 476.$	$\diamond 126 \times 714 = 612 \times 147.$
$\diamond 112 \times 422 = 211 \times 224.$	$\diamond 119 \times 955 = 191 \times 595.$	$\diamond 126 \times 783 = 261 \times 378.$
$\diamond 112 \times 484 = 121 \times 448.$	$\diamond 121 \times 422 = 211 \times 242.$	$\diamond 126 \times 816 = 612 \times 168.$
$\diamond 112 \times 605 = 121 \times 560.$	$\diamond 121 \times 633 = 211 \times 363.$	$\diamond 126 \times 918 = 612 \times 189.$
$\diamond 112 \times 633 = 211 \times 336.$	$\diamond 121 \times 844 = 211 \times 484.$	$\diamond 127 \times 542 = 271 \times 254.$
$\diamond 112 \times 726 = 121 \times 672.$	$\diamond 122 \times 318 = 212 \times 183.$	$\diamond 127 \times 813 = 271 \times 381.$
$\diamond 112 \times 844 = 211 \times 448.$	$\diamond 122 \times 424 = 212 \times 244.$	$\diamond 128 \times 562 = 281 \times 256.$
$\diamond 112 \times 847 = 121 \times 784.$	$\diamond 122 \times 442 = 221 \times 244.$	$\diamond 128 \times 843 = 281 \times 384.$
$\diamond 112 \times 968 = 121 \times 896.$	$\diamond 122 \times 530 = 212 \times 305.$	$\diamond 129 \times 582 = 291 \times 258.$
$\diamond 113 \times 262 = 131 \times 226.$	$\diamond 122 \times 636 = 212 \times 366.$	$\diamond 129 \times 873 = 291 \times 387.$
$\diamond 113 \times 393 = 131 \times 339.$	$\diamond 122 \times 663 = 221 \times 366.$	$\diamond 131 \times 622 = 311 \times 262.$
$\diamond 113 \times 524 = 131 \times 452.$	$\diamond 122 \times 742 = 212 \times 427.$	$\diamond 131 \times 933 = 311 \times 393.$

- $\diamond 132 \times 426 = 213 \times 264.$ $\diamond 147 \times 816 = 714 \times 168.$ $\diamond 182 \times 872 = 218 \times 728.$
 $\diamond 132 \times 462 = 231 \times 264.$ $\diamond 147 \times 918 = 714 \times 189.$ $\diamond 182 \times 981 = 218 \times 819.$
 $\diamond 132 \times 624 = 312 \times 264.$ $\diamond 147 \times 942 = 471 \times 294.$ $\diamond 183 \times 424 = 318 \times 244.$
 $\diamond 132 \times 639 = 213 \times 396.$ $\diamond 148 \times 962 = 481 \times 296.$ $\diamond 183 \times 530 = 318 \times 305.$
 $\diamond 132 \times 642 = 321 \times 264.$ $\diamond 149 \times 982 = 491 \times 298.$ $\diamond 183 \times 636 = 318 \times 366.$
 $\diamond 132 \times 693 = 231 \times 396.$ $\diamond 152 \times 430 = 215 \times 304.$ $\diamond 183 \times 742 = 318 \times 427.$
 $\diamond 132 \times 852 = 213 \times 528.$ $\diamond 152 \times 645 = 215 \times 456.$ $\diamond 183 \times 848 = 318 \times 488.$
 $\diamond 132 \times 936 = 312 \times 396.$ $\diamond 152 \times 860 = 215 \times 608.$ $\diamond 183 \times 954 = 318 \times 549.$
 $\diamond 132 \times 963 = 321 \times 396.$ $\diamond 153 \times 420 = 315 \times 204.$ $\diamond 184 \times 627 = 418 \times 276.$
 $\diamond 133 \times 626 = 313 \times 266.$ $\diamond 153 \times 525 = 315 \times 255.$ $\diamond 184 \times 836 = 418 \times 368.$
 $\diamond 133 \times 662 = 331 \times 266.$ $\diamond 153 \times 630 = 315 \times 306.$ $\diamond 186 \times 721 = 618 \times 217.$
 $\diamond 133 \times 939 = 313 \times 399.$ $\diamond 153 \times 735 = 315 \times 357.$ $\diamond 186 \times 824 = 618 \times 248.$
 $\diamond 133 \times 993 = 331 \times 399.$ $\diamond 153 \times 840 = 315 \times 408.$ $\diamond 186 \times 927 = 618 \times 279.$
 $\diamond 134 \times 286 = 143 \times 268.$ $\diamond 153 \times 945 = 315 \times 459.$ $\diamond 192 \times 438 = 219 \times 384.$
 $\diamond 134 \times 596 = 149 \times 536.$ $\diamond 154 \times 830 = 415 \times 308.$ $\diamond 192 \times 657 = 219 \times 576.$
 $\diamond 134 \times 628 = 314 \times 268.$ $\diamond 155 \times 618 = 515 \times 186.$ $\diamond 192 \times 876 = 219 \times 768.$
 $\diamond 134 \times 682 = 341 \times 268.$ $\diamond 155 \times 721 = 515 \times 217.$ $\diamond 193 \times 638 = 319 \times 386.$
 $\diamond 134 \times 826 = 413 \times 268.$ $\diamond 155 \times 824 = 515 \times 248.$ $\diamond 193 \times 957 = 319 \times 579.$
 $\diamond 134 \times 862 = 431 \times 268.$ $\diamond 155 \times 927 = 515 \times 279.$ $\diamond 194 \times 838 = 419 \times 388.$
 $\diamond 135 \times 702 = 351 \times 270.$ $\diamond 156 \times 820 = 615 \times 208.$ $\diamond 203 \times 604 = 302 \times 406.$
 $\diamond 135 \times 765 = 153 \times 675.$ $\diamond 157 \times 875 = 175 \times 785.$ $\diamond 203 \times 906 = 302 \times 609.$
 $\diamond 136 \times 722 = 361 \times 272.$ $\diamond 159 \times 975 = 195 \times 795.$ $\diamond 204 \times 525 = 420 \times 255.$
 $\diamond 137 \times 742 = 371 \times 274.$ $\diamond 162 \times 324 = 216 \times 243.$ $\diamond 204 \times 603 = 402 \times 306.$
 $\diamond 137 \times 865 = 173 \times 685.$ $\diamond 162 \times 432 = 216 \times 324.$ $\diamond 204 \times 735 = 420 \times 357.$
 $\diamond 138 \times 762 = 381 \times 276.$ $\diamond 162 \times 540 = 216 \times 405.$ $\diamond 204 \times 804 = 402 \times 408.$
 $\diamond 139 \times 782 = 391 \times 278.$ $\diamond 162 \times 648 = 216 \times 486.$ $\diamond 204 \times 945 = 420 \times 459.$
 $\diamond 139 \times 965 = 193 \times 695.$ $\diamond 162 \times 756 = 216 \times 567.$ $\diamond 205 \times 624 = 520 \times 246.$
 $\diamond 141 \times 822 = 411 \times 282.$ $\diamond 162 \times 864 = 216 \times 648.$ $\diamond 205 \times 728 = 520 \times 287.$
 $\diamond 142 \times 321 = 214 \times 213.$ $\diamond 162 \times 972 = 216 \times 729.$ $\diamond 205 \times 832 = 520 \times 328.$
 $\diamond 142 \times 428 = 214 \times 284.$ $\diamond 163 \times 632 = 316 \times 326.$ $\diamond 205 \times 936 = 520 \times 369.$
 $\diamond 142 \times 482 = 241 \times 284.$ $\diamond 163 \times 948 = 316 \times 489.$ $\diamond 206 \times 903 = 602 \times 309.$
 $\diamond 142 \times 535 = 214 \times 355.$ $\diamond 164 \times 520 = 416 \times 205.$ $\diamond 212 \times 442 = 221 \times 424.$
 $\diamond 142 \times 642 = 214 \times 426.$ $\diamond 164 \times 624 = 416 \times 246.$ $\diamond 212 \times 663 = 221 \times 636.$
 $\diamond 142 \times 749 = 214 \times 497.$ $\diamond 164 \times 728 = 416 \times 287.$ $\diamond 212 \times 884 = 221 \times 848.$
 $\diamond 142 \times 824 = 412 \times 284.$ $\diamond 164 \times 832 = 416 \times 328.$ $\diamond 213 \times 428 = 321 \times 284.$
 $\diamond 142 \times 842 = 421 \times 284.$ $\diamond 164 \times 936 = 416 \times 369.$ $\diamond 213 \times 462 = 231 \times 426.$
 $\diamond 142 \times 856 = 214 \times 568.$ $\diamond 166 \times 924 = 616 \times 249.$ $\diamond 213 \times 535 = 321 \times 355.$
 $\diamond 142 \times 963 = 214 \times 639.$ $\diamond 168 \times 918 = 189 \times 816.$ $\diamond 213 \times 624 = 312 \times 426.$
 $\diamond 143 \times 628 = 314 \times 286.$ $\diamond 169 \times 735 = 195 \times 637.$ $\diamond 213 \times 642 = 321 \times 426.$
 $\diamond 143 \times 682 = 341 \times 286.$ $\diamond 172 \times 434 = 217 \times 344.$ $\diamond 213 \times 693 = 231 \times 639.$
 $\diamond 143 \times 826 = 413 \times 286.$ $\diamond 172 \times 651 = 217 \times 516.$ $\diamond 213 \times 749 = 321 \times 497.$
 $\diamond 143 \times 862 = 431 \times 286.$ $\diamond 172 \times 868 = 217 \times 688.$ $\diamond 213 \times 856 = 321 \times 568.$
 $\diamond 143 \times 942 = 314 \times 429.$ $\diamond 173 \times 634 = 317 \times 346.$ $\diamond 213 \times 936 = 312 \times 639.$
 $\diamond 144 \times 621 = 414 \times 216.$ $\diamond 173 \times 951 = 317 \times 519.$ $\diamond 213 \times 963 = 321 \times 639.$
 $\diamond 144 \times 828 = 414 \times 288.$ $\diamond 174 \times 834 = 417 \times 348.$ $\diamond 214 \times 482 = 241 \times 428.$
 $\diamond 144 \times 882 = 441 \times 288.$ $\diamond 179 \times 985 = 197 \times 895.$ $\diamond 214 \times 824 = 412 \times 428.$
 $\diamond 145 \times 602 = 215 \times 406.$ $\diamond 182 \times 327 = 218 \times 273.$ $\diamond 214 \times 842 = 421 \times 428.$
 $\diamond 145 \times 902 = 451 \times 290.$ $\diamond 182 \times 436 = 218 \times 364.$ $\diamond 216 \times 828 = 621 \times 288.$
 $\diamond 145 \times 913 = 415 \times 319.$ $\diamond 182 \times 545 = 218 \times 455.$ $\diamond 217 \times 824 = 721 \times 248.$
 $\diamond 146 \times 921 = 614 \times 219.$ $\diamond 182 \times 654 = 218 \times 546.$ $\diamond 217 \times 927 = 721 \times 279.$
 $\diamond 146 \times 922 = 461 \times 292.$ $\diamond 182 \times 763 = 218 \times 637.$ $\diamond 223 \times 464 = 232 \times 446.$

- $\diamond 223 \times 644 = 322 \times 446.$ $\diamond 235 \times 715 = 325 \times 517.$ $\diamond 255 \times 735 = 525 \times 357.$
 $\diamond 223 \times 696 = 232 \times 669.$ $\diamond 236 \times 543 = 362 \times 354.$ $\diamond 255 \times 840 = 525 \times 408.$
 $\diamond 223 \times 928 = 232 \times 892.$ $\diamond 236 \times 724 = 362 \times 472.$ $\diamond 255 \times 945 = 525 \times 459.$
 $\diamond 223 \times 966 = 322 \times 669.$ $\diamond 236 \times 905 = 362 \times 590.$ $\diamond 256 \times 738 = 576 \times 328.$
 $\diamond 224 \times 363 = 242 \times 336.$ $\diamond 237 \times 744 = 372 \times 474.$ $\diamond 256 \times 843 = 562 \times 384.$
 $\diamond 224 \times 484 = 242 \times 448.$ $\diamond 238 \times 573 = 382 \times 357.$ $\diamond 258 \times 873 = 582 \times 387.$
 $\diamond 224 \times 605 = 242 \times 560.$ $\diamond 238 \times 764 = 382 \times 476.$ $\diamond 262 \times 933 = 622 \times 393.$
 $\diamond 224 \times 633 = 422 \times 336.$ $\diamond 238 \times 955 = 382 \times 595.$ $\diamond 263 \times 652 = 326 \times 526.$
 $\diamond 224 \times 726 = 242 \times 672.$ $\diamond 239 \times 784 = 392 \times 478.$ $\diamond 263 \times 978 = 326 \times 789.$
 $\diamond 224 \times 844 = 422 \times 448.$ $\diamond 241 \times 824 = 412 \times 482.$ $\diamond 264 \times 639 = 426 \times 396.$
 $\diamond 224 \times 847 = 242 \times 784.$ $\diamond 241 \times 842 = 421 \times 482.$ $\diamond 264 \times 693 = 462 \times 396.$
 $\diamond 224 \times 968 = 242 \times 896.$ $\diamond 242 \times 633 = 422 \times 363.$ $\diamond 264 \times 852 = 426 \times 528.$
 $\diamond 225 \times 504 = 252 \times 450.$ $\diamond 242 \times 844 = 422 \times 484.$ $\diamond 264 \times 936 = 624 \times 396.$
 $\diamond 225 \times 756 = 252 \times 675.$ $\diamond 243 \times 432 = 324 \times 324.$ $\diamond 264 \times 963 = 642 \times 396.$
 $\diamond 226 \times 393 = 262 \times 339.$ $\diamond 243 \times 540 = 324 \times 405.$ $\diamond 266 \times 939 = 626 \times 399.$
 $\diamond 226 \times 524 = 262 \times 452.$ $\diamond 243 \times 648 = 324 \times 486.$ $\diamond 266 \times 993 = 662 \times 399.$
 $\diamond 226 \times 655 = 262 \times 565.$ $\diamond 243 \times 684 = 342 \times 486.$ $\diamond 273 \times 436 = 327 \times 364.$
 $\diamond 226 \times 786 = 262 \times 678.$ $\diamond 243 \times 756 = 324 \times 567.$ $\diamond 273 \times 545 = 327 \times 455.$
 $\diamond 226 \times 917 = 262 \times 791.$ $\diamond 243 \times 846 = 423 \times 486.$ $\diamond 273 \times 654 = 327 \times 546.$
 $\diamond 226 \times 933 = 622 \times 339.$ $\diamond 243 \times 864 = 324 \times 648.$ $\diamond 273 \times 763 = 327 \times 637.$
 $\diamond 227 \times 544 = 272 \times 454.$ $\diamond 243 \times 864 = 432 \times 486.$ $\diamond 273 \times 872 = 327 \times 728.$
 $\diamond 227 \times 816 = 272 \times 681.$ $\diamond 243 \times 972 = 324 \times 729.$ $\diamond 273 \times 981 = 327 \times 819.$
 $\diamond 228 \times 423 = 282 \times 342.$ $\diamond 244 \times 530 = 424 \times 305.$ $\diamond 274 \times 854 = 427 \times 548.$
 $\diamond 228 \times 564 = 282 \times 456.$ $\diamond 244 \times 636 = 424 \times 366.$ $\diamond 276 \times 836 = 627 \times 368.$
 $\diamond 228 \times 705 = 282 \times 570.$ $\diamond 244 \times 663 = 442 \times 366.$ $\diamond 283 \times 656 = 328 \times 566.$
 $\diamond 228 \times 846 = 282 \times 684.$ $\diamond 244 \times 742 = 424 \times 427.$ $\diamond 283 \times 984 = 328 \times 849.$
 $\diamond 228 \times 987 = 282 \times 798.$ $\diamond 244 \times 848 = 424 \times 488.$ $\diamond 284 \times 535 = 428 \times 355.$
 $\diamond 229 \times 584 = 292 \times 458.$ $\diamond 244 \times 884 = 442 \times 488.$ $\diamond 284 \times 642 = 428 \times 426.$
 $\diamond 229 \times 876 = 292 \times 687.$ $\diamond 244 \times 954 = 424 \times 549.$ $\diamond 284 \times 749 = 428 \times 497.$
 $\diamond 230 \times 453 = 302 \times 345.$ $\diamond 245 \times 904 = 452 \times 490.$ $\diamond 284 \times 856 = 428 \times 568.$
 $\diamond 230 \times 755 = 302 \times 575.$ $\diamond 245 \times 935 = 425 \times 539.$ $\diamond 284 \times 963 = 428 \times 639.$
 $\diamond 231 \times 624 = 312 \times 462.$ $\diamond 246 \times 396 = 264 \times 369.$ $\diamond 286 \times 942 = 628 \times 429.$
 $\diamond 231 \times 642 = 321 \times 462.$ $\diamond 246 \times 639 = 426 \times 369.$ $\diamond 287 \times 832 = 728 \times 328.$
 $\diamond 231 \times 936 = 312 \times 693.$ $\diamond 246 \times 693 = 462 \times 369.$ $\diamond 287 \times 936 = 728 \times 369.$
 $\diamond 231 \times 963 = 321 \times 693.$ $\diamond 246 \times 728 = 624 \times 287.$ $\diamond 293 \times 658 = 329 \times 586.$
 $\diamond 232 \times 483 = 322 \times 348.$ $\diamond 246 \times 832 = 624 \times 328.$ $\diamond 293 \times 987 = 329 \times 879.$
 $\diamond 232 \times 644 = 322 \times 464.$ $\diamond 246 \times 924 = 462 \times 492.$ $\diamond 294 \times 858 = 429 \times 588.$
 $\diamond 232 \times 805 = 322 \times 580.$ $\diamond 246 \times 936 = 624 \times 369.$ $\diamond 304 \times 645 = 430 \times 456.$
 $\diamond 232 \times 966 = 322 \times 696.$ $\diamond 246 \times 963 = 642 \times 369.$ $\diamond 304 \times 806 = 403 \times 608.$
 $\diamond 233 \times 646 = 323 \times 466.$ $\diamond 247 \times 944 = 472 \times 494.$ $\diamond 305 \times 636 = 530 \times 366.$
 $\diamond 233 \times 664 = 332 \times 466.$ $\diamond 248 \times 723 = 482 \times 372.$ $\diamond 305 \times 742 = 530 \times 427.$
 $\diamond 233 \times 969 = 323 \times 699.$ $\diamond 248 \times 927 = 824 \times 279.$ $\diamond 305 \times 848 = 530 \times 488.$
 $\diamond 233 \times 996 = 332 \times 699.$ $\diamond 248 \times 964 = 482 \times 496.$ $\diamond 305 \times 954 = 530 \times 549.$
 $\diamond 234 \times 486 = 243 \times 468.$ $\diamond 249 \times 984 = 492 \times 498.$ $\diamond 306 \times 735 = 630 \times 357.$
 $\diamond 234 \times 513 = 342 \times 351.$ $\diamond 250 \times 753 = 502 \times 375.$ $\diamond 306 \times 804 = 603 \times 408.$
 $\diamond 234 \times 648 = 324 \times 468.$ $\diamond 252 \times 783 = 522 \times 378.$ $\diamond 306 \times 945 = 630 \times 459.$
 $\diamond 234 \times 684 = 342 \times 468.$ $\diamond 253 \times 650 = 325 \times 506.$ $\diamond 306 \times 975 = 390 \times 765.$
 $\diamond 234 \times 846 = 423 \times 468.$ $\diamond 253 \times 975 = 325 \times 759.$ $\diamond 312 \times 642 = 321 \times 624.$
 $\diamond 234 \times 855 = 342 \times 585.$ $\diamond 254 \times 813 = 542 \times 381.$ $\diamond 312 \times 963 = 321 \times 936.$
 $\diamond 234 \times 864 = 432 \times 468.$ $\diamond 254 \times 850 = 425 \times 508.$ $\diamond 313 \times 662 = 331 \times 626.$
 $\diamond 235 \times 704 = 352 \times 470.$ $\diamond 255 \times 630 = 525 \times 306.$ $\diamond 313 \times 993 = 331 \times 939.$

- $\diamond 314 \times 682 = 341 \times 628.$ $\diamond 351 \times 855 = 513 \times 585.$ $\diamond 445 \times 908 = 454 \times 890.$
 $\diamond 314 \times 826 = 413 \times 628.$ $\diamond 354 \times 724 = 543 \times 472.$ $\diamond 446 \times 696 = 464 \times 669.$
 $\diamond 314 \times 862 = 431 \times 628.$ $\diamond 354 \times 870 = 435 \times 708.$ $\diamond 446 \times 928 = 464 \times 892.$
 $\diamond 323 \times 664 = 332 \times 646.$ $\diamond 354 \times 905 = 543 \times 590.$ $\diamond 446 \times 966 = 644 \times 669.$
 $\diamond 323 \times 996 = 332 \times 969.$ $\diamond 355 \times 642 = 535 \times 426.$ $\diamond 447 \times 948 = 474 \times 894.$
 $\diamond 324 \times 540 = 432 \times 405.$ $\diamond 355 \times 749 = 535 \times 497.$ $\diamond 448 \times 605 = 484 \times 560.$
 $\diamond 324 \times 684 = 342 \times 648.$ $\diamond 355 \times 856 = 535 \times 568.$ $\diamond 448 \times 726 = 484 \times 672.$
 $\diamond 324 \times 756 = 432 \times 567.$ $\diamond 355 \times 963 = 535 \times 639.$ $\diamond 448 \times 847 = 484 \times 784.$
 $\diamond 324 \times 846 = 423 \times 648.$ $\diamond 357 \times 764 = 573 \times 476.$ $\diamond 448 \times 968 = 484 \times 896.$
 $\diamond 324 \times 864 = 432 \times 648.$ $\diamond 357 \times 840 = 735 \times 408.$ $\diamond 449 \times 988 = 494 \times 898.$
 $\diamond 324 \times 972 = 432 \times 729.$ $\diamond 357 \times 945 = 735 \times 459.$ $\diamond 450 \times 756 = 504 \times 675.$
 $\diamond 326 \times 948 = 632 \times 489.$ $\diamond 357 \times 955 = 573 \times 595.$ $\diamond 452 \times 655 = 524 \times 565.$
 $\diamond 328 \times 936 = 832 \times 369.$ $\diamond 363 \times 844 = 633 \times 484.$ $\diamond 452 \times 786 = 524 \times 678.$
 $\diamond 334 \times 686 = 343 \times 668.$ $\diamond 364 \times 545 = 436 \times 455.$ $\diamond 452 \times 917 = 524 \times 791.$
 $\diamond 334 \times 866 = 433 \times 668.$ $\diamond 364 \times 654 = 436 \times 546.$ $\diamond 454 \times 816 = 544 \times 681.$
 $\diamond 335 \times 706 = 353 \times 670.$ $\diamond 364 \times 763 = 436 \times 637.$ $\diamond 455 \times 654 = 545 \times 546.$
 $\diamond 336 \times 484 = 363 \times 448.$ $\diamond 364 \times 872 = 436 \times 728.$ $\diamond 455 \times 763 = 545 \times 637.$
 $\diamond 336 \times 605 = 363 \times 560.$ $\diamond 364 \times 981 = 436 \times 819.$ $\diamond 455 \times 872 = 545 \times 728.$
 $\diamond 336 \times 726 = 363 \times 672.$ $\diamond 366 \times 742 = 636 \times 427.$ $\diamond 455 \times 981 = 545 \times 819.$
 $\diamond 336 \times 844 = 633 \times 448.$ $\diamond 366 \times 848 = 636 \times 488.$ $\diamond 456 \times 705 = 564 \times 570.$
 $\diamond 336 \times 847 = 363 \times 784.$ $\diamond 366 \times 884 = 663 \times 488.$ $\diamond 456 \times 846 = 564 \times 684.$
 $\diamond 336 \times 968 = 363 \times 896.$ $\diamond 366 \times 954 = 636 \times 549.$ $\diamond 456 \times 860 = 645 \times 608.$
 $\diamond 337 \times 746 = 373 \times 674.$ $\diamond 369 \times 924 = 693 \times 492.$ $\diamond 456 \times 987 = 564 \times 798.$
 $\diamond 338 \times 766 = 383 \times 676.$ $\diamond 372 \times 964 = 723 \times 496.$ $\diamond 458 \times 876 = 584 \times 687.$
 $\diamond 339 \times 524 = 393 \times 452.$ $\diamond 374 \times 874 = 748 \times 437.$ $\diamond 460 \times 755 = 604 \times 575.$
 $\diamond 339 \times 655 = 393 \times 565.$ $\diamond 384 \times 657 = 438 \times 576.$ $\diamond 462 \times 936 = 624 \times 693.$
 $\diamond 339 \times 786 = 393 \times 678.$ $\diamond 384 \times 876 = 438 \times 768.$ $\diamond 462 \times 963 = 642 \times 693.$
 $\diamond 339 \times 917 = 393 \times 791.$ $\diamond 386 \times 957 = 638 \times 579.$ $\diamond 464 \times 805 = 644 \times 580.$
 $\diamond 341 \times 826 = 413 \times 682.$ $\diamond 386 \times 995 = 398 \times 965.$ $\diamond 464 \times 966 = 644 \times 696.$
 $\diamond 341 \times 862 = 431 \times 682.$ $\diamond 394 \times 878 = 439 \times 788.$ $\diamond 466 \times 969 = 646 \times 699.$
 $\diamond 342 \times 564 = 423 \times 456.$ $\diamond 396 \times 852 = 639 \times 528.$ $\diamond 466 \times 996 = 664 \times 699.$
 $\diamond 342 \times 705 = 423 \times 570.$ $\diamond 405 \times 648 = 540 \times 486.$ $\diamond 468 \times 855 = 684 \times 585.$
 $\diamond 342 \times 846 = 423 \times 684.$ $\diamond 405 \times 756 = 540 \times 567.$ $\diamond 472 \times 905 = 724 \times 590.$
 $\diamond 342 \times 864 = 432 \times 684.$ $\diamond 405 \times 864 = 540 \times 648.$ $\diamond 476 \times 955 = 764 \times 595.$
 $\diamond 342 \times 987 = 423 \times 798.$ $\diamond 405 \times 972 = 540 \times 729.$ $\diamond 486 \times 756 = 648 \times 567.$
 $\diamond 343 \times 866 = 433 \times 686.$ $\diamond 406 \times 906 = 604 \times 609.$ $\diamond 486 \times 864 = 648 \times 648.$
 $\diamond 344 \times 651 = 434 \times 516.$ $\diamond 408 \times 945 = 840 \times 459.$ $\diamond 486 \times 972 = 648 \times 729.$
 $\diamond 344 \times 868 = 434 \times 688.$ $\diamond 412 \times 842 = 421 \times 824.$ $\diamond 488 \times 954 = 848 \times 549.$
 $\diamond 344 \times 886 = 443 \times 688.$ $\diamond 413 \times 862 = 431 \times 826.$ $\diamond 497 \times 856 = 749 \times 568.$
 $\diamond 345 \times 604 = 453 \times 460.$ $\diamond 414 \times 882 = 441 \times 828.$ $\diamond 497 \times 963 = 749 \times 639.$
 $\diamond 345 \times 755 = 453 \times 575.$ $\diamond 423 \times 864 = 432 \times 846.$ $\diamond 506 \times 975 = 650 \times 759.$
 $\diamond 345 \times 906 = 453 \times 690.$ $\diamond 424 \times 663 = 442 \times 636.$ $\diamond 516 \times 868 = 651 \times 688.$
 $\diamond 345 \times 957 = 435 \times 759.$ $\diamond 424 \times 884 = 442 \times 848.$ $\diamond 526 \times 978 = 652 \times 789.$
 $\diamond 346 \times 926 = 463 \times 692.$ $\diamond 426 \times 693 = 462 \times 639.$ $\diamond 528 \times 925 = 825 \times 592.$
 $\diamond 346 \times 951 = 634 \times 519.$ $\diamond 426 \times 749 = 642 \times 497.$ $\diamond 546 \times 763 = 654 \times 637.$
 $\diamond 347 \times 946 = 473 \times 694.$ $\diamond 426 \times 856 = 642 \times 568.$ $\diamond 546 \times 872 = 654 \times 728.$
 $\diamond 348 \times 644 = 483 \times 464.$ $\diamond 426 \times 936 = 624 \times 639.$ $\diamond 546 \times 981 = 654 \times 819.$
 $\diamond 348 \times 805 = 483 \times 580.$ $\diamond 426 \times 963 = 642 \times 639.$ $\diamond 560 \times 726 = 605 \times 672.$
 $\diamond 348 \times 966 = 483 \times 696.$ $\diamond 427 \times 848 = 742 \times 488.$ $\diamond 560 \times 847 = 605 \times 784.$
 $\diamond 349 \times 986 = 493 \times 698.$ $\diamond 427 \times 954 = 742 \times 549.$ $\diamond 560 \times 968 = 605 \times 896.$
 $\diamond 351 \times 684 = 513 \times 468.$ $\diamond 434 \times 886 = 443 \times 868.$ $\diamond 565 \times 786 = 655 \times 678.$

$$\begin{array}{lll}
\diamond 565 \times 917 = 655 \times 791. & \diamond 580 \times 966 = 696 \times 805. & \diamond 669 \times 928 = 696 \times 892. \\
\diamond 566 \times 984 = 656 \times 849. & \diamond 586 \times 987 = 658 \times 879. & \diamond 672 \times 847 = 726 \times 784. \\
\diamond 567 \times 864 = 756 \times 648. & \diamond 624 \times 963 = 642 \times 936. & \diamond 672 \times 968 = 726 \times 896. \\
\diamond 567 \times 972 = 756 \times 729. & \diamond 626 \times 993 = 662 \times 939. & \diamond 678 \times 917 = 786 \times 791. \\
\diamond 568 \times 963 = 856 \times 639. & \diamond 636 \times 884 = 663 \times 848. & \diamond 684 \times 987 = 846 \times 798. \\
\diamond 570 \times 846 = 705 \times 684. & \diamond 637 \times 872 = 763 \times 728. & \diamond 728 \times 981 = 872 \times 819. \\
\diamond 570 \times 987 = 705 \times 798. & \diamond 637 \times 981 = 763 \times 819. & \diamond 784 \times 968 = 847 \times 896. \\
\diamond 575 \times 906 = 755 \times 690. & \diamond 646 \times 996 = 664 \times 969. & \\
\diamond 576 \times 876 = 768 \times 657. & \diamond 648 \times 972 = 864 \times 729. &
\end{array}$$

6.3. Higher Order Selfie Equalities.

In the above two subsection, 5.1 and 5.2 we worked with equal-digits multiplicative factors. Here, we shall work with non-equal multiplicative factors. Since there are lot of values, we wrote examples with double or more equality signs. In another word, we can say that the results are extensions of famous **vamp numbers** with higher equality signs. Also, the obvious expressions arising due to multiplication by 10 are excluded. Below are examples, divided two subsections. The first one is for more than two equality signs and second one is form 5 to 8 digits with two equality signs.

6.3.1. Double Equality Selfie Equalities.

Below are multiplicative selfie expressions with double equality signs. Due to large number, we have written only up to 7 digits.

$$\begin{array}{ll}
\diamond 1 \times 3542 = 14 \times 253 = 23 \times 154. & \diamond 3 \times 68224 = 246 \times 832 = 328 \times 624. \\
\diamond 9 \times 1386 = 18 \times 693 = 63 \times 198. & \diamond 3 \times 78624 = 273 \times 864 = 378 \times 624. \\
\diamond 9 \times 3465 = 45 \times 693 = 63 \times 495. & \diamond 3 \times 89271 = 273 \times 981 = 327 \times 819. \\
\diamond 9 \times 4752 = 54 \times 792 = 72 \times 594. & \diamond 32 \times 1748 = 38 \times 1472 = 128 \times 437. \\
\diamond 9 \times 7128 = 72 \times 891 = 81 \times 792. & \diamond 36 \times 6384 = 63 \times 3648 = 336 \times 684. \\
\diamond 1 \times 98515 = 19 \times 5185 = 85 \times 1159. & \diamond 4 \times 13396 = 16 \times 3349 = 136 \times 394. \\
\diamond 11 \times 2975 = 17 \times 1925 = 119 \times 275. & \diamond 4 \times 47824 = 244 \times 784 = 427 \times 448. \\
\diamond 11 \times 7973 = 77 \times 1139 = 119 \times 737. & \diamond 4 \times 63427 = 7 \times 36244 = 34 \times 7462. \\
\diamond 12 \times 4326 = 24 \times 2163 = 42 \times 1236. & \diamond 4 \times 72163 = 7 \times 41236 = 61 \times 4732. \\
\diamond 12 \times 8064 = 21 \times 4608 = 48 \times 2016. & \diamond 4 \times 87241 = 412 \times 847 = 484 \times 721. \\
\diamond 12 \times 8763 = 138 \times 762 = 276 \times 381. & \diamond 42 \times 7968 = 48 \times 6972 = 498 \times 672. \\
\diamond 13 \times 9331 = 31 \times 3913 = 91 \times 1333. & \diamond 6 \times 22134 = 21 \times 6324 = 42 \times 3162. \\
\diamond 14 \times 8762 = 26 \times 4718 = 182 \times 674. & \diamond 6 \times 51102 = 51 \times 6012 = 501 \times 612. \\
\diamond 16 \times 9878 = 88 \times 1796 = 176 \times 898. & \diamond 7 \times 14925 = 21 \times 4975 = 25 \times 4179. \\
\diamond 2 \times 74256 = 6 \times 24752 = 272 \times 546. & \diamond 7 \times 52208 = 52 \times 7028 = 502 \times 728. \\
\diamond 2 \times 87614 = 71 \times 2468 = 284 \times 617. & \diamond 8 \times 43659 = 98 \times 3564 = 539 \times 648. \\
\diamond 2 \times 97643 = 29 \times 6734 = 74 \times 2639. & \diamond 8 \times 49489 = 44 \times 8998 = 88 \times 4499. \\
\diamond 21 \times 4356 = 36 \times 2541 = 63 \times 1452. & \diamond 8 \times 59486 = 56 \times 8498 = 98 \times 4856. \\
\diamond 23 \times 6244 = 223 \times 644 = 322 \times 446. & \diamond 8 \times 89271 = 728 \times 981 = 819 \times 872. \\
\diamond 23 \times 9376 = 32 \times 6739 = 293 \times 736. & \diamond 88 \times 6916 = 91 \times 6688 = 616 \times 988. \\
\diamond 24 \times 6958 = 28 \times 5964 = 294 \times 568. & \diamond 9 \times 13986 = 18 \times 6993 = 63 \times 1998. \\
\diamond 24 \times 7347 = 237 \times 744 = 372 \times 474. & \diamond 9 \times 27456 = 96 \times 2574 = 429 \times 576. \\
\diamond 243 \times 864 = 324 \times 648 = 432 \times 486. & \diamond 9 \times 34965 = 45 \times 6993 = 63 \times 4995. \\
\diamond 26 \times 9083 = 62 \times 3809 = 293 \times 806. & \diamond 9 \times 47952 = 54 \times 7992 = 72 \times 5994. \\
\diamond 3 \times 21105 = 21 \times 3015 = 201 \times 315. & \diamond 9 \times 71928 = 72 \times 8991 = 81 \times 7992. \\
\diamond 3 \times 58194 = 183 \times 954 = 318 \times 549. & \diamond 1 \times 173264 = 14 \times 12376 = 136 \times 1274.
\end{array}$$

- $\diamond 1 \times 346528 = 136 \times 2548 = 238 \times 1456.$
 $\diamond 1 \times 432718 = 178 \times 2431 = 187 \times 2314.$
 $\diamond 1 \times 486932 = 149 \times 3268 = 298 \times 1634.$
 $\diamond 1 \times 714532 = 52 \times 13741 = 151 \times 4732.$
 $\diamond 1 \times 760438 = 7 \times 108634 = 406 \times 1873.$
 $\diamond 1 \times 775425 = 147 \times 5275 = 525 \times 1477.$
 $\diamond 1 \times 814055 = 55 \times 14801 = 451 \times 1805.$
 $\diamond 1 \times 894432 = 3 \times 298144 = 28 \times 31944.$
 $\diamond 104 \times 6416 = 401 \times 1664 = 416 \times 1604.$
 $\diamond 11 \times 39746 = 119 \times 3674 = 374 \times 1169.$
 $\diamond 11 \times 69454 = 154 \times 4961 = 451 \times 1694.$
 $\diamond 11 \times 79373 = 77 \times 11339 = 119 \times 7337.$
 $\diamond 113 \times 7429 = 391 \times 2147 = 437 \times 1921.$
 $\diamond 114 \times 1872 = 117 \times 1824 = 171 \times 1248.$
 $\diamond 12 \times 30613 = 121 \times 3036 = 363 \times 1012.$
 $\diamond 12 \times 32148 = 18 \times 21432 = 342 \times 1128.$
 $\diamond 12 \times 46032 = 21 \times 26304 = 24 \times 23016.$
 $\diamond 12 \times 98624 = 92 \times 12864 = 128 \times 9246.$
 $\diamond 121 \times 6448 = 484 \times 1612 = 682 \times 1144.$
 $\diamond 13 \times 18648 = 18 \times 13468 = 148 \times 1638.$
 $\diamond 13 \times 49206 = 39 \times 16402 = 139 \times 4602.$
 $\diamond 13 \times 58247 = 53 \times 14287 = 157 \times 4823.$
 $\diamond 13 \times 65824 = 16 \times 53482 = 34 \times 25168.$
 $\diamond 13 \times 68448 = 138 \times 6448 = 184 \times 4836.$
 $\diamond 13 \times 69355 = 55 \times 16393 = 169 \times 5335.$
 $\diamond 13 \times 72128 = 112 \times 8372 = 832 \times 1127.$
 $\diamond 13 \times 72925 = 25 \times 37921 = 325 \times 2917.$
 $\diamond 13 \times 79145 = 143 \times 7195 = 715 \times 1439.$
 $\diamond 13 \times 83472 = 148 \times 7332 = 312 \times 3478.$
 $\diamond 13 \times 98256 = 138 \times 9256 = 598 \times 2136.$
 $\diamond 14 \times 32592 = 32 \times 14259 = 194 \times 2352.$
 $\diamond 14 \times 54168 = 168 \times 4514 = 518 \times 1464.$
 $\diamond 14 \times 63308 = 68 \times 13034 = 833 \times 1064.$
 $\diamond 14 \times 64328 = 68 \times 13244 = 344 \times 2618.$
 $\diamond 14 \times 86762 = 26 \times 46718 = 182 \times 6674.$
 $\diamond 143 \times 6572 = 341 \times 2756 = 572 \times 1643.$
 $\diamond 15 \times 35139 = 39 \times 13515 = 159 \times 3315.$
 $\diamond 15 \times 94437 = 45 \times 31479 = 315 \times 4497.$
 $\diamond 16 \times 23104 = 304 \times 1216 = 361 \times 1024.$
 $\diamond 16 \times 23821 = 28 \times 13612 = 328 \times 1162.$
 $\diamond 16 \times 48152 = 52 \times 14816 = 416 \times 1852.$
 $\diamond 16 \times 72352 = 76 \times 15232 = 532 \times 2176.$
 $\diamond 16 \times 82174 = 181 \times 7264 = 724 \times 1816.$
 $\diamond 16 \times 98978 = 88 \times 17996 = 176 \times 8998.$
 $\diamond 162 \times 3204 = 216 \times 2403 = 324 \times 1602.$
 $\diamond 162 \times 3924 = 216 \times 2943 = 324 \times 1962.$
 $\diamond 162 \times 4032 = 216 \times 3024 = 324 \times 2016.$
 $\diamond 162 \times 4392 = 216 \times 3294 = 324 \times 2196.$
 $\diamond 162 \times 6408 = 216 \times 4806 = 648 \times 1602.$
 $\diamond 162 \times 8064 = 216 \times 6048 = 648 \times 2016.$
 $\diamond 162 \times 8073 = 207 \times 6318 = 702 \times 1863.$
 $\diamond 17 \times 35945 = 35 \times 17459 = 395 \times 1547.$
 $\diamond 176 \times 7469 = 194 \times 6776 = 776 \times 1694.$
 $\diamond 18 \times 39879 = 189 \times 3798 = 378 \times 1899.$
 $\diamond 18 \times 41553 = 54 \times 13851 = 513 \times 1458.$
 $\diamond 18 \times 42432 = 24 \times 31824 = 312 \times 2448.$
 $\diamond 18 \times 48024 = 414 \times 2088 = 828 \times 1044.$
 $\diamond 18 \times 51612 = 51 \times 18216 = 612 \times 1518.$
 $\diamond 18 \times 57432 = 48 \times 21537 = 72 \times 14358.$
 $\diamond 18 \times 76923 = 63 \times 21978 = 189 \times 7326.$
 $\diamond 192 \times 6783 = 672 \times 1938 = 798 \times 1632.$
 $\diamond 2 \times 193851 = 18 \times 21539 = 119 \times 3258.$
 $\diamond 2 \times 312768 = 27 \times 23168 = 362 \times 1728.$
 $\diamond 2 \times 359814 = 39 \times 18452 = 182 \times 3954.$
 $\diamond 2 \times 415856 = 56 \times 14852 = 158 \times 5264.$
 $\diamond 2 \times 419237 = 17 \times 49322 = 221 \times 3794.$
 $\diamond 2 \times 451763 = 26 \times 34751 = 62 \times 14573.$
 $\diamond 2 \times 827016 = 272 \times 6081 = 816 \times 2027.$
 $\diamond 2 \times 910984 = 92 \times 19804 = 184 \times 9902.$
 $\diamond 2 \times 943761 = 3 \times 629174 = 273 \times 6914.$
 $\diamond 2 \times 987164 = 8 \times 246791 = 248 \times 7961.$
 $\diamond 201 \times 6324 = 204 \times 6231 = 402 \times 3162.$
 $\diamond 203 \times 4624 = 232 \times 4046 = 464 \times 2023.$
 $\diamond 204 \times 6643 = 442 \times 3066 = 663 \times 2044.$
 $\diamond 204 \times 9849 = 402 \times 4998 = 804 \times 2499.$
 $\diamond 208 \times 4123 = 304 \times 2821 = 403 \times 2128.$
 $\diamond 21 \times 13065 = 105 \times 2613 = 201 \times 1365.$
 $\diamond 21 \times 28864 = 28 \times 21648 = 48 \times 12628.$
 $\diamond 21 \times 43575 = 525 \times 1743 = 735 \times 1245.$
 $\diamond 21 \times 64288 = 28 \times 48216 = 48 \times 28126.$
 $\diamond 24 \times 36288 = 324 \times 2688 = 384 \times 2268.$
 $\diamond 24 \times 69384 = 42 \times 39648 = 48 \times 34692.$
 $\diamond 24 \times 95238 = 429 \times 5328 = 528 \times 4329.$
 $\diamond 25 \times 89271 = 819 \times 2725 = 981 \times 2275.$
 $\diamond 252 \times 4641 = 441 \times 2652 = 546 \times 2142.$
 $\diamond 26 \times 14839 = 143 \times 2698 = 286 \times 1349.$
 $\diamond 26 \times 22814 = 122 \times 4862 = 221 \times 2684.$
 $\diamond 26 \times 34112 = 41 \times 21632 = 416 \times 2132.$
 $\diamond 26 \times 37541 = 62 \times 15743 = 173 \times 5642.$
 $\diamond 26 \times 48923 = 29 \times 43862 = 482 \times 2639.$
 $\diamond 27 \times 50463 = 243 \times 5607 = 567 \times 2403.$
 $\diamond 27 \times 50625 = 225 \times 6075 = 675 \times 2025.$
 $\diamond 27 \times 60345 = 45 \times 36207 = 243 \times 6705.$
 $\diamond 27 \times 63504 = 243 \times 7056 = 567 \times 3024.$
 $\diamond 27 \times 72072 = 72 \times 27027 = 702 \times 2772.$
 $\diamond 28 \times 21436 = 184 \times 3262 = 322 \times 1864.$
 $\diamond 3 \times 121317 = 21 \times 17331 = 327 \times 1113.$
 $\diamond 3 \times 189924 = 294 \times 1938 = 399 \times 1428.$
 $\diamond 3 \times 210105 = 21 \times 30015 = 315 \times 2001.$
 $\diamond 3 \times 250971 = 57 \times 13209 = 357 \times 2109.$
 $\diamond 3 \times 425036 = 236 \times 5403 = 354 \times 3602.$
 $\diamond 3 \times 491608 = 163 \times 9048 = 489 \times 3016.$

- $\diamond 3 \times 728665 = 327 \times 6685 = 763 \times 2865.$
 $\diamond 3 \times 738492 = 237 \times 9348 = 948 \times 2337.$
 $\diamond 3 \times 864108 = 84 \times 30861 = 381 \times 6804.$
 $\diamond 3 \times 874692 = 39 \times 67284 = 378 \times 6942.$
 $\diamond 3 \times 920979 = 93 \times 29709 = 279 \times 9903.$
 $\diamond 3 \times 985725 = 9 \times 328575 = 39 \times 75825.$
 $\diamond 32 \times 19756 = 176 \times 3592 = 352 \times 1796.$
 $\diamond 324 \times 1692 = 423 \times 1296 = 432 \times 1269.$
 $\diamond 324 \times 5607 = 567 \times 3204 = 756 \times 2403.$
 $\diamond 324 \times 7056 = 567 \times 4032 = 756 \times 3024.$
 $\diamond 324 \times 7209 = 729 \times 3204 = 972 \times 2403.$
 $\diamond 324 \times 7956 = 432 \times 5967 = 936 \times 2754.$
 $\diamond 324 \times 9072 = 729 \times 4032 = 972 \times 3024.$
 $\diamond 33 \times 29016 = 312 \times 3069 = 936 \times 1023.$
 $\diamond 33 \times 97244 = 44 \times 72933 = 924 \times 3473.$
 $\diamond 34 \times 29302 = 49 \times 20332 = 322 \times 3094.$
 $\diamond 34 \times 29716 = 76 \times 13294 = 136 \times 7429.$
 $\diamond 34 \times 51272 = 232 \times 7514 = 754 \times 2312.$
 $\diamond 34 \times 79618 = 748 \times 3619 = 847 \times 3196.$
 $\diamond 342 \times 1968 = 369 \times 1824 = 492 \times 1368.$
 $\diamond 35 \times 21045 = 305 \times 2415 = 525 \times 1403.$
 $\diamond 36 \times 21648 = 48 \times 16236 = 246 \times 3168.$
 $\diamond 36 \times 27144 = 234 \times 4176 = 261 \times 3744.$
 $\diamond 36 \times 40824 = 243 \times 6048 = 486 \times 3024.$
 $\diamond 36 \times 46284 = 63 \times 26448 = 684 \times 2436.$
 $\diamond 36 \times 48972 = 48 \times 36729 = 63 \times 27984.$
 $\diamond 36 \times 75648 = 48 \times 56736 = 768 \times 3546.$
 $\diamond 36 \times 79758 = 378 \times 7596 = 756 \times 3798.$
 $\diamond 36 \times 84972 = 48 \times 63729 = 876 \times 3492.$
 $\diamond 36 \times 91884 = 39 \times 84816 = 48 \times 68913.$
 $\diamond 37 \times 20216 = 361 \times 2072 = 722 \times 1036.$
 $\diamond 39 \times 10472 = 104 \times 3927 = 374 \times 1092.$
 $\diamond 39 \times 25137 = 273 \times 3591 = 351 \times 2793.$
 $\diamond 39 \times 79386 = 78 \times 39693 = 786 \times 3939.$
 $\diamond 396 \times 6783 = 693 \times 3876 = 798 \times 3366.$
 $\diamond 4 \times 102331 = 31 \times 13204 = 124 \times 3301.$
 $\diamond 4 \times 122136 = 42 \times 11632 = 112 \times 4362.$
 $\diamond 4 \times 136051 = 106 \times 5134 = 151 \times 3604.$
 $\diamond 4 \times 148029 = 42 \times 14098 = 49 \times 12084.$
 $\diamond 4 \times 162016 = 61 \times 10624 = 64 \times 10126.$
 $\diamond 4 \times 165308 = 13 \times 50864 = 104 \times 6358.$
 $\diamond 4 \times 198653 = 59 \times 13468 = 148 \times 5369.$
 $\diamond 4 \times 217683 = 36 \times 24187 = 684 \times 1273.$
 $\diamond 4 \times 236417 = 76 \times 12443 = 437 \times 2164.$
 $\diamond 4 \times 259112 = 49 \times 21152 = 112 \times 9254.$
 $\diamond 4 \times 261481 = 121 \times 8644 = 484 \times 2161.$
 $\diamond 4 \times 352408 = 28 \times 50344 = 58 \times 24304.$
 $\diamond 4 \times 396428 = 23 \times 68944 = 248 \times 6394.$
 $\diamond 4 \times 402661 = 61 \times 26404 = 244 \times 6601.$
 $\diamond 4 \times 437512 = 34 \times 51472 = 544 \times 3217.$
 $\diamond 4 \times 469273 = 244 \times 7693 = 427 \times 4396.$
 $\diamond 4 \times 613582 = 58 \times 42316 = 568 \times 4321.$
 $\diamond 4 \times 630496 = 64 \times 39406 = 646 \times 3904.$
 $\diamond 4 \times 634627 = 7 \times 362644 = 34 \times 74662.$
 $\diamond 4 \times 831906 = 409 \times 8136 = 904 \times 3681.$
 $\diamond 4 \times 897316 = 73 \times 49168 = 439 \times 8176.$
 $\diamond 4 \times 933796 = 94 \times 39736 = 376 \times 9934.$
 $\diamond 406 \times 9248 = 464 \times 8092 = 928 \times 4046.$
 $\diamond 42 \times 13206 = 213 \times 2604 = 426 \times 1302.$
 $\diamond 42 \times 17613 = 63 \times 11742 = 171 \times 4326.$
 $\diamond 42 \times 21672 = 72 \times 12642 = 126 \times 7224.$
 $\diamond 42 \times 29181 = 411 \times 2982 = 822 \times 1491.$
 $\diamond 42 \times 63706 = 636 \times 4207 = 742 \times 3606.$
 $\diamond 42 \times 79376 = 77 \times 43296 = 96 \times 34727.$
 $\diamond 42 \times 79968 = 48 \times 69972 = 672 \times 4998.$
 $\diamond 42 \times 96186 = 861 \times 4692 = 966 \times 4182.$
 $\diamond 43 \times 20188 = 103 \times 8428 = 301 \times 2884.$
 $\diamond 437 \times 8074 = 734 \times 4807 = 874 \times 4037.$
 $\diamond 44 \times 19856 = 146 \times 5984 = 584 \times 1496.$
 $\diamond 44 \times 36278 = 68 \times 23474 = 374 \times 4268.$
 $\diamond 44 \times 87932 = 89 \times 43472 = 494 \times 7832.$
 $\diamond 45 \times 15351 = 51 \times 13545 = 153 \times 4515.$
 $\diamond 45 \times 34263 = 243 \times 6345 = 423 \times 3645.$
 $\diamond 46 \times 74368 = 448 \times 7636 = 736 \times 4648.$
 $\diamond 469 \times 7954 = 574 \times 6499 = 679 \times 5494.$
 $\diamond 48 \times 15732 = 57 \times 13248 = 138 \times 5472.$
 $\diamond 48 \times 16704 = 174 \times 4608 = 768 \times 1044.$
 $\diamond 48 \times 23184 = 84 \times 13248 = 828 \times 1344.$
 $\diamond 48 \times 23751 = 72 \times 15834 = 84 \times 13572.$
 $\diamond 48 \times 79772 = 77 \times 49728 = 777 \times 4928.$
 $\diamond 49 \times 16328 = 182 \times 4396 = 364 \times 2198.$
 $\diamond 5 \times 139065 = 365 \times 1905 = 635 \times 1095.$
 $\diamond 5 \times 192437 = 35 \times 27491 = 743 \times 1295.$
 $\diamond 5 \times 197561 = 65 \times 15197 = 167 \times 5915.$
 $\diamond 5 \times 198653 = 59 \times 16835 = 185 \times 5369.$
 $\diamond 5 \times 231875 = 53 \times 21875 = 875 \times 1325.$
 $\diamond 5 \times 240149 = 29 \times 41405 = 245 \times 4901.$
 $\diamond 5 \times 411025 = 41 \times 50125 = 401 \times 5125.$
 $\diamond 5 \times 425293 = 23 \times 92455 = 943 \times 2255.$
 $\diamond 51 \times 13026 = 102 \times 6513 = 501 \times 1326.$
 $\diamond 51 \times 42978 = 87 \times 25194 = 741 \times 2958.$
 $\diamond 52 \times 76342 = 76 \times 52234 = 532 \times 7462.$
 $\diamond 536 \times 9968 = 896 \times 5963 = 938 \times 5696.$
 $\diamond 54 \times 70056 = 504 \times 7506 = 756 \times 5004.$
 $\diamond 55 \times 30127 = 235 \times 7051 = 517 \times 3205.$
 $\diamond 55 \times 39865 = 385 \times 5695 = 595 \times 3685.$
 $\diamond 56 \times 12314 = 131 \times 5264 = 524 \times 1316.$
 $\diamond 56 \times 37281 = 578 \times 3612 = 731 \times 2856.$
 $\diamond 56 \times 38272 = 256 \times 8372 = 832 \times 2576.$
 $\diamond 56 \times 42098 = 98 \times 24056 = 248 \times 9506.$
 $\diamond 56 \times 74239 = 794 \times 5236 = 952 \times 4367.$
 $\diamond 567 \times 6408 = 648 \times 5607 = 756 \times 4806.$

$$\begin{array}{ll}
\diamond 567 \times 8064 = 648 \times 7056 = 756 \times 6048. & \diamond 72 \times 46389 = 84 \times 39762 = 423 \times 7896. \\
\diamond 6 \times 157248 = 546 \times 1728 = 756 \times 1248. & \diamond 75 \times 13727 = 371 \times 2775 = 777 \times 1325. \\
\diamond 6 \times 173568 = 678 \times 1536 = 768 \times 1356. & \diamond 75 \times 59841 = 549 \times 8175 = 981 \times 4575. \\
\diamond 6 \times 175863 = 183 \times 5766 = 186 \times 5673. & \diamond 76 \times 91744 = 94 \times 74176 = 976 \times 7144. \\
\diamond 6 \times 176358 = 78 \times 13566 = 156 \times 6783. & \diamond 8 \times 102364 = 314 \times 2608 = 628 \times 1304. \\
\diamond 6 \times 189312 = 96 \times 11832 = 816 \times 1392. & \diamond 8 \times 124576 = 17 \times 58624 = 458 \times 2176. \\
\diamond 6 \times 198237 = 69 \times 17238 = 897 \times 1326. & \diamond 8 \times 149342 = 89 \times 13424 = 839 \times 1424. \\
\diamond 6 \times 242319 = 21 \times 69234 = 231 \times 6294. & \diamond 8 \times 158672 = 188 \times 6752 = 752 \times 1688. \\
\diamond 6 \times 253472 = 32 \times 47526 = 356 \times 4272. & \diamond 8 \times 169694 = 14 \times 96968 = 68 \times 19964. \\
\diamond 6 \times 259248 = 264 \times 5892 = 528 \times 2946. & \diamond 8 \times 182597 = 17 \times 85928 = 92 \times 15878. \\
\diamond 6 \times 291984 = 96 \times 18249 = 924 \times 1896. & \diamond 8 \times 204662 = 62 \times 26408 = 248 \times 6602. \\
\diamond 6 \times 323872 = 87 \times 22336 = 232 \times 8376. & \diamond 8 \times 243356 = 83 \times 23456 = 332 \times 5864. \\
\diamond 6 \times 432768 = 384 \times 6762 = 672 \times 3864. & \diamond 8 \times 269024 = 224 \times 9608 = 896 \times 2402. \\
\diamond 6 \times 510102 = 51 \times 60012 = 612 \times 5001. & \diamond 8 \times 290642 = 242 \times 9608 = 968 \times 2402. \\
\diamond 6 \times 541728 = 456 \times 7128 = 627 \times 5184. & \diamond 8 \times 380644 = 88 \times 34604 = 844 \times 3608. \\
\diamond 6 \times 737568 = 78 \times 56736 = 576 \times 7683. & \diamond 8 \times 438691 = 418 \times 8396 = 836 \times 4198. \\
\diamond 6 \times 758439 = 846 \times 5379 = 978 \times 4653. & \diamond 8 \times 467324 = 86 \times 43472 = 836 \times 4472. \\
\diamond 6 \times 854969 = 59 \times 86946 = 86 \times 59649. & \diamond 8 \times 494989 = 44 \times 89998 = 88 \times 44999. \\
\diamond 62 \times 14839 = 341 \times 2698 = 682 \times 1349. & \diamond 8 \times 596903 = 59 \times 80936 = 536 \times 8909. \\
\diamond 62 \times 90896 = 608 \times 9269 = 806 \times 6992. & \diamond 84 \times 14427 = 147 \times 8244 = 441 \times 2748. \\
\diamond 63 \times 16575 = 663 \times 1575 = 765 \times 1365. & \diamond 84 \times 38786 = 86 \times 37884 = 473 \times 6888. \\
\diamond 64 \times 10283 = 104 \times 6328 = 208 \times 3164. & \diamond 85 \times 39647 = 697 \times 4835 = 967 \times 3485. \\
\diamond 64 \times 11284 = 112 \times 6448 = 448 \times 1612. & \diamond 87 \times 19026 = 609 \times 2718 = 906 \times 1827. \\
\diamond 64 \times 14812 = 112 \times 8464 = 448 \times 2116. & \diamond 87 \times 31734 = 387 \times 7134 = 738 \times 3741. \\
\diamond 64 \times 28397 = 73 \times 24896 = 389 \times 4672. & \diamond 9 \times 139986 = 18 \times 69993 = 63 \times 19998. \\
\diamond 648 \times 1692 = 846 \times 1296 = 864 \times 1269. & \diamond 9 \times 169575 = 765 \times 1995 = 969 \times 1575. \\
\diamond 648 \times 7209 = 729 \times 6408 = 972 \times 4806. & \diamond 9 \times 273456 = 324 \times 7596 = 432 \times 5697. \\
\diamond 648 \times 9072 = 729 \times 8064 = 972 \times 6048. & \diamond 9 \times 286848 = 288 \times 8964 = 864 \times 2988. \\
\diamond 66 \times 23643 = 426 \times 3663 = 666 \times 2343. & \diamond 9 \times 349965 = 45 \times 69993 = 63 \times 49995. \\
\diamond 66 \times 34632 = 624 \times 3663 = 666 \times 3432. & \diamond 9 \times 447552 = 54 \times 74592 = 72 \times 55944. \\
\diamond 66 \times 84328 = 88 \times 63246 = 664 \times 8382. & \diamond 9 \times 479358 = 54 \times 79893 = 99 \times 43578. \\
\diamond 67 \times 59432 = 76 \times 52394 = 536 \times 7429. & \diamond 9 \times 479952 = 54 \times 79992 = 72 \times 59994. \\
\diamond 68 \times 12236 = 266 \times 3128 = 368 \times 2261. & \diamond 9 \times 484218 = 441 \times 9882 = 882 \times 4941. \\
\diamond 68 \times 47343 = 86 \times 37434 = 734 \times 4386. & \diamond 9 \times 643188 = 63 \times 91884 = 84 \times 68913. \\
\diamond 7 \times 102331 = 31 \times 23107 = 217 \times 3301. & \diamond 9 \times 719928 = 72 \times 89991 = 81 \times 79992. \\
\diamond 7 \times 116224 = 64 \times 12712 = 112 \times 7264. & \diamond 91 \times 10505 = 191 \times 5005 = 955 \times 1001. \\
\diamond 7 \times 142584 = 24 \times 41587 = 457 \times 2184. & \diamond 92 \times 10516 = 506 \times 1912 = 956 \times 1012. \\
\diamond 7 \times 149925 = 21 \times 49975 = 25 \times 41979. & \diamond 92 \times 50061 = 506 \times 9102 = 902 \times 5106. \\
\diamond 7 \times 187264 = 76 \times 17248 = 784 \times 1672. & \diamond 96 \times 25137 = 672 \times 3591 = 756 \times 3192. \\
\diamond 7 \times 402661 = 61 \times 46207 = 427 \times 6601. & \diamond 96 \times 29574 = 576 \times 4929 = 954 \times 2976. \\
\diamond 7 \times 436084 = 484 \times 6307 = 847 \times 3604. & \diamond 96 \times 62748 = 672 \times 8964 = 864 \times 6972. \\
\diamond 7 \times 443968 = 448 \times 6937 = 784 \times 3964. & \diamond 98 \times 33932 = 833 \times 3992 = 998 \times 3332. \\
\diamond 7 \times 520208 = 52 \times 70028 = 728 \times 5002. & \diamond 98 \times 35464 = 364 \times 9548 = 539 \times 6448. \\
\diamond 7 \times 966799 = 97 \times 69769 = 679 \times 9967. & \diamond 98 \times 49894 = 494 \times 9898 = 988 \times 4949. \\
\diamond 72 \times 16848 = 162 \times 7488 = 648 \times 1872. &
\end{array}$$

6.3.2. Triple or More Selfie Equalities.

The above subsection give double equality **multiplicative selfie numbers** up to 7 digits. Below are triple or more equality **multiplicative selfie numbers**. The results are up to 9 digits.

$$\diamond 27 \times 996336 = 396 \times 67932 = 792 \times 33966 = 3366 \times 7992 = 3996 \times 6732.$$

$$\diamond 54 \times 1461096 = 1404 \times 56196 = 4014 \times 19656 = 4914 \times 16056 = 5616 \times 14049.$$

$$\diamond 114 \times 322608 = 141 \times 260832 = 228 \times 161304 = 282 \times 130416 = 1128 \times 32604 = 1824 \times 20163.$$

$$\diamond 198 \times 341658 = 594 \times 113886 = 1188 \times 56943 = 1881 \times 35964 = 3564 \times 18981 = 5643 \times 11988.$$

$$\diamond 396 \times 251748 = 594 \times 167832 = 1584 \times 62937 = 2376 \times 41958 = 4158 \times 23976 = 4536 \times 21978 = 6237 \times 15984.$$

$$\diamond 102 \times 6432 = 201 \times 3264 = 204 \times 3216 = 402 \times 1632.$$

$$\diamond 243 \times 6408 = 324 \times 4806 = 486 \times 3204 = 648 \times 2403.$$

$$\diamond 243 \times 8064 = 324 \times 6048 = 486 \times 4032 = 648 \times 3024.$$

$$\diamond 3 \times 320199 = 33 \times 29109 = 93 \times 10329 = 939 \times 1023.$$

$$\diamond 324 \times 6408 = 432 \times 4806 = 648 \times 3204 = 864 \times 2403.$$

$$\diamond 324 \times 8064 = 432 \times 6048 = 648 \times 4032 = 864 \times 3024.$$

$$\diamond 4 \times 217021 = 7 \times 124012 = 412 \times 2107 = 721 \times 1204.$$

$$\diamond 4 \times 706384 = 7 \times 403648 = 448 \times 6307 = 784 \times 3604.$$

$$\diamond 48 \times 27531 = 57 \times 23184 = 72 \times 18354 = 84 \times 15732.$$

$$\diamond 99 \times 13986 = 198 \times 6993 = 693 \times 1998 = 999 \times 1386.$$

$$\diamond 99 \times 34965 = 495 \times 6993 = 693 \times 4995 = 999 \times 3465.$$

$$\diamond 99 \times 47952 = 594 \times 7992 = 792 \times 5994 = 999 \times 4752.$$

$$\diamond 99 \times 71928 = 792 \times 8991 = 891 \times 7992 = 999 \times 7128.$$

$$\diamond 101 \times 64064 = 404 \times 16016 = 1001 \times 6464 = 1616 \times 4004.$$

$$\diamond 101 \times 95095 = 505 \times 19019 = 1001 \times 9595 = 1919 \times 5005.$$

$$\diamond 102 \times 32064 = 204 \times 16032 = 1002 \times 3264 = 1632 \times 2004.$$

$$\diamond 102 \times 64032 = 204 \times 32016 = 1632 \times 4002 = 2001 \times 3264.$$

$$\diamond 11 \times 905905 = 91 \times 109505 = 1001 \times 9955 = 1991 \times 5005.$$

$$\diamond 1224 \times 8442 = 2142 \times 4824 = 2412 \times 4284 = 2448 \times 4221.$$

$$\diamond 132 \times 62271 = 726 \times 11322 = 1122 \times 7326 = 1221 \times 6732.$$

$$\diamond 144 \times 80028 = 288 \times 40014 = 1404 \times 8208 = 2808 \times 4104.$$

$$\diamond 198 \times 17982 = 297 \times 11988 = 1188 \times 2997 = 1782 \times 1998.$$

$$\diamond 198 \times 33966 = 396 \times 16983 = 1683 \times 3996 = 1998 \times 3366.$$

$$\diamond 198 \times 62937 = 693 \times 17982 = 1782 \times 6993 = 1998 \times 6237.$$

$$\diamond 198 \times 63936 = 396 \times 31968 = 1998 \times 6336 = 3168 \times 3996.$$

$$\diamond 198 \times 67932 = 792 \times 16983 = 1683 \times 7992 = 1998 \times 6732.$$

$$\diamond 198 \times 76923 = 693 \times 21978 = 1998 \times 7623 = 2178 \times 6993.$$

$$\diamond 2 \times 8108919 = 9 \times 1801982 = 182 \times 89109 = 819 \times 19802.$$

$$\diamond 201 \times 32064 = 402 \times 16032 = 1002 \times 6432 = 2004 \times 3216.$$

$$\diamond 201 \times 64032 = 402 \times 32016 = 2001 \times 6432 = 3216 \times 4002.$$

$$\diamond 216 \times 45738 = 1584 \times 6237 = 2178 \times 4536 = 2376 \times 4158.$$

$$\diamond 22 \times 900819 = 99 \times 200182 = 202 \times 98109 = 909 \times 21802.$$

$$\diamond 24 \times 214221 = 42 \times 122412 = 1212 \times 4242 = 2121 \times 2424.$$

$$\diamond 2403 \times 8064 = 3024 \times 6408 = 3204 \times 6048 = 4032 \times 4806.$$

$$\diamond 243 \times 64008 = 324 \times 48006 = 486 \times 32004 = 648 \times 24003.$$

$$\diamond 243 \times 69804 = 486 \times 34902 = 2493 \times 6804 = 3402 \times 4986.$$

$$\diamond 243 \times 80064 = 324 \times 60048 = 486 \times 40032 = 648 \times 30024.$$

$$\diamond 26 \times 316231 = 62 \times 132613 = 1313 \times 6262 = 2626 \times 3131.$$

$$\diamond 264 \times 25641 = 462 \times 14652 = 1452 \times 4662 = 2541 \times 2664.$$

$$\diamond 28 \times 418241 = 82 \times 142814 = 1414 \times 8282 = 2828 \times 4141.$$

$$\diamond 286 \times 37851 = 682 \times 15873 = 1573 \times 6882 = 2886 \times 3751.$$

- $\diamond 297 \times 53946 = 594 \times 26973 = 2673 \times 5994 = 2997 \times 5346.$
 $\diamond 297 \times 65934 = 594 \times 32967 = 2997 \times 6534 = 3267 \times 5994.$
 $\diamond 3 \times 7207928 = 8 \times 2702973 = 273 \times 79208 = 728 \times 29703.$
 $\diamond 32 \times 403256 = 56 \times 230432 = 2432 \times 5306 = 3032 \times 4256.$
 $\diamond 32 \times 462308 = 608 \times 24332 = 632 \times 23408 = 2432 \times 6083.$
 $\diamond 32 \times 621894 = 84 \times 236912 = 624 \times 31892 = 2912 \times 6834.$
 $\diamond 324 \times 64008 = 432 \times 48006 = 648 \times 32004 = 864 \times 24003.$
 $\diamond 324 \times 70056 = 567 \times 40032 = 756 \times 30024 = 3024 \times 7506.$
 $\diamond 324 \times 80064 = 432 \times 60048 = 648 \times 40032 = 864 \times 30024.$
 $\diamond 33 \times 800728 = 88 \times 300273 = 303 \times 87208 = 808 \times 32703.$
 $\diamond 35 \times 299145 = 525 \times 19943 = 539 \times 19425 = 1925 \times 5439.$
 $\diamond 35 \times 452991 = 53 \times 299145 = 539 \times 29415 = 2915 \times 5439.$
 $\diamond 36 \times 216342 = 63 \times 123624 = 1224 \times 6363 = 2142 \times 3636.$
 $\diamond 36 \times 426321 = 63 \times 243612 = 2412 \times 6363 = 3636 \times 4221.$
 $\diamond 36 \times 928416 = 48 \times 696312 = 912 \times 36648 = 3648 \times 9162.$
 $\diamond 39 \times 319362 = 93 \times 133926 = 1326 \times 9393 = 3162 \times 3939.$
 $\diamond 39 \times 629331 = 93 \times 263913 = 2613 \times 9393 = 3939 \times 6231.$
 $\diamond 396 \times 73926 = 792 \times 36963 = 3663 \times 7992 = 3996 \times 7326.$
 $\diamond 4 \times 1862817 = 6 \times 1241878 = 418 \times 17826 = 627 \times 11884.$
 $\diamond 4 \times 6251908 = 52 \times 480916 = 502 \times 49816 = 958 \times 26104.$
 $\diamond 4 \times 6306937 = 7 \times 3603964 = 364 \times 69307 = 637 \times 39604.$
 $\diamond 404 \times 98098 = 808 \times 49049 = 4004 \times 9898 = 4949 \times 8008.$
 $\diamond 414 \times 28098 = 828 \times 14049 = 1449 \times 8028 = 2898 \times 4014.$
 $\diamond 44 \times 700637 = 77 \times 400364 = 404 \times 76307 = 707 \times 43604.$
 $\diamond 46 \times 326432 = 64 \times 234623 = 2323 \times 6464 = 3232 \times 4646.$
 $\diamond 48 \times 218463 = 84 \times 124836 = 1236 \times 8484 = 2163 \times 4848.$
 $\diamond 48 \times 428442 = 84 \times 244824 = 2424 \times 8484 = 4242 \times 4848.$
 $\diamond 48 \times 638421 = 84 \times 364812 = 3612 \times 8484 = 4848 \times 6321.$
 $\diamond 54 \times 185436 = 153 \times 65448 = 648 \times 15453 = 1836 \times 5454.$
 $\diamond 567 \times 80064 = 648 \times 70056 = 756 \times 60048 = 6048 \times 7506.$
 $\diamond 594 \times 71928 = 891 \times 47952 = 4752 \times 8991 = 5994 \times 7128.$
 $\diamond 63 \times 404328 = 84 \times 303246 = 306 \times 83244 = 408 \times 62433.$
 $\diamond 64 \times 468391 = 316 \times 94864 = 448 \times 66913 = 484 \times 61936.$
 $\diamond 65 \times 124355 = 143 \times 56525 = 1235 \times 6545 = 1463 \times 5525.$
 $\diamond 66 \times 234432 = 363 \times 42624 = 2442 \times 6336 = 3663 \times 4224.$
 $\diamond 68 \times 438643 = 86 \times 346834 = 3434 \times 8686 = 4343 \times 6868.$
 $\diamond 69 \times 329664 = 96 \times 236946 = 2346 \times 9696 = 3264 \times 6969.$
 $\diamond 69 \times 488376 = 483 \times 69768 = 3876 \times 8694 = 4968 \times 6783.$
 $\diamond 69 \times 649632 = 96 \times 466923 = 4623 \times 9696 = 6432 \times 6969.$
 $\diamond 8 \times 1493261 = 41 \times 291368 = 968 \times 12341 = 1892 \times 6314.$
 $\diamond 81 \times 236808 = 216 \times 88803 = 621 \times 30888 = 2808 \times 6831.$
 $\diamond 99 \times 139986 = 198 \times 69993 = 693 \times 19998 = 1386 \times 9999.$
 $\diamond 99 \times 349965 = 495 \times 69993 = 693 \times 49995 = 3465 \times 9999.$
 $\diamond 99 \times 447552 = 594 \times 74592 = 792 \times 55944 = 5544 \times 7992.$
 $\diamond 99 \times 479952 = 594 \times 79992 = 792 \times 59994 = 4752 \times 9999.$
 $\diamond 99 \times 719928 = 792 \times 89991 = 891 \times 79992 = 7128 \times 9999.$
- $\diamond 1 \times 11703692 = 11 \times 1063972 = 1027 \times 11396 = 1036 \times 11297.$
 $\diamond 1 \times 64805312 = 64 \times 1012583 = 208 \times 311564 = 352 \times 184106.$
 $\diamond 1 \times 65641024 = 4 \times 16410256 = 16 \times 4102564 = 64 \times 1025641.$
 $\diamond 1 \times 76190464 = 4 \times 19047616 = 16 \times 4761904 = 64 \times 1190476.$

$$\begin{aligned}
&\diamond 1 \times 82051264 = 4 \times 20512816 = 16 \times 5128204 = 64 \times 1282051. \\
&\diamond 1002 \times 64032 = 2001 \times 32064 = 2004 \times 32016 = 4002 \times 16032. \\
&\diamond 101 \times 640064 = 404 \times 160016 = 1616 \times 40004 = 6464 \times 10001. \\
&\diamond 101 \times 950095 = 505 \times 190019 = 1919 \times 50005 = 9595 \times 10001. \\
&\diamond 102 \times 320064 = 204 \times 160032 = 1632 \times 20004 = 3264 \times 10002. \\
&\diamond 102 \times 640032 = 204 \times 320016 = 1632 \times 40002 = 3264 \times 20001. \\
&\diamond 11 \times 5240648 = 461 \times 125048 = 1421 \times 40568 = 5684 \times 10142. \\
&\diamond 113 \times 708186 = 131 \times 610878 = 678 \times 118031 = 786 \times 101813. \\
&\diamond 114 \times 820326 = 228 \times 410163 = 1482 \times 63102 = 2028 \times 46113. \\
&\diamond 1188 \times 37962 = 1881 \times 23976 = 2376 \times 18981 = 3762 \times 11988. \\
&\diamond 1188 \times 55944 = 1584 \times 41958 = 4158 \times 15984 = 5544 \times 11988. \\
&\diamond 1188 \times 75924 = 1881 \times 47952 = 4752 \times 18981 = 7524 \times 11988. \\
&\diamond 1188 \times 77922 = 1287 \times 71928 = 7128 \times 12987 = 7722 \times 11988. \\
&\diamond 12 \times 5146002 = 102 \times 605412 = 1206 \times 51204 = 6024 \times 10251. \\
&\diamond 12 \times 5316864 = 384 \times 166152 = 516 \times 123648 = 3864 \times 16512. \\
&\diamond 12 \times 6073488 = 108 \times 674832 = 408 \times 178632 = 432 \times 168708. \\
&\diamond 12 \times 7128408 = 48 \times 1782102 = 1812 \times 47208 = 7248 \times 11802. \\
&\diamond 1212 \times 42042 = 2121 \times 24024 = 2424 \times 21021 = 4242 \times 12012. \\
&\diamond 1212 \times 63063 = 2121 \times 36036 = 3636 \times 21021 = 6363 \times 12012. \\
&\diamond 1218 \times 54339 = 1239 \times 53418 = 1842 \times 35931 = 5133 \times 12894. \\
&\diamond 1224 \times 42084 = 2142 \times 24048 = 2448 \times 21042 = 4284 \times 12024. \\
&\diamond 124 \times 769384 = 217 \times 439648 = 1249 \times 76384 = 2464 \times 38719. \\
&\diamond 1287 \times 57942 = 2574 \times 28971 = 2871 \times 25974 = 5742 \times 12987. \\
&\diamond 129 \times 632058 = 258 \times 316029 = 3129 \times 26058 = 6258 \times 13029. \\
&\diamond 13 \times 6176912 = 112 \times 716963 = 131 \times 612976 = 6736 \times 11921. \\
&\diamond 1313 \times 62062 = 2626 \times 31031 = 3131 \times 26026 = 6262 \times 13013. \\
&\diamond 132 \times 218064 = 231 \times 124608 = 1416 \times 20328 = 2832 \times 10164. \\
&\diamond 132 \times 284016 = 1164 \times 32208 = 2013 \times 18624 = 2328 \times 16104. \\
&\diamond 1386 \times 57942 = 1827 \times 43956 = 3654 \times 21978 = 5742 \times 13986. \\
&\diamond 144 \times 680238 = 234 \times 418608 = 684 \times 143208 = 4104 \times 23868. \\
&\diamond 15 \times 3045105 = 45 \times 1015035 = 105 \times 435015 = 315 \times 145005. \\
&\diamond 15 \times 4510503 = 45 \times 1503501 = 501 \times 135045 = 1503 \times 45015. \\
&\diamond 16 \times 2382184 = 28 \times 1361248 = 1648 \times 23128 = 2884 \times 13216. \\
&\diamond 16 \times 2884063 = 28 \times 1648036 = 328 \times 140686 = 1066 \times 43288. \\
&\diamond 16 \times 4102648 = 1012 \times 64864 = 1408 \times 46621 = 4048 \times 16216. \\
&\diamond 16 \times 5317492 = 61 \times 1394752 = 496 \times 171532 = 592 \times 143716. \\
&\diamond 17 \times 2365125 = 125 \times 321657 = 357 \times 112625 = 2625 \times 15317. \\
&\diamond 1782 \times 32967 = 2178 \times 26973 = 2673 \times 21978 = 3267 \times 17982. \\
&\diamond 1782 \times 43956 = 2178 \times 35964 = 3564 \times 21978 = 4356 \times 17982. \\
&\diamond 18 \times 2830464 = 486 \times 104832 = 1404 \times 36288 = 3024 \times 16848. \\
&\diamond 18 \times 5204736 = 162 \times 578304 = 3456 \times 27108 = 4518 \times 20736. \\
&\diamond 198 \times 179982 = 297 \times 119988 = 1188 \times 29997 = 1782 \times 19998. \\
&\diamond 198 \times 339966 = 396 \times 169983 = 1683 \times 39996 = 3366 \times 19998. \\
&\diamond 2 \times 12089121 = 11 \times 2198022 = 222 \times 108911 = 1221 \times 19802. \\
&\diamond 201 \times 130065 = 1005 \times 26013 = 2001 \times 13065 = 2613 \times 10005. \\
&\diamond 201 \times 320064 = 402 \times 160032 = 3216 \times 20004 = 6432 \times 10002. \\
&\diamond 204 \times 436821 = 1302 \times 68442 = 1428 \times 62403 = 2013 \times 44268. \\
&\diamond 2184 \times 43896 = 2418 \times 39648 = 4368 \times 21948 = 4836 \times 19824. \\
&\diamond 22 \times 1021211 = 202 \times 111221 = 1111 \times 20222 = 2222 \times 10111. \\
&\diamond 22 \times 1121201 = 202 \times 122111 = 1111 \times 22202 = 2222 \times 11101. \\
&\diamond 22 \times 4160734 = 76 \times 1204423 = 223 \times 410476 = 4237 \times 21604.
\end{aligned}$$

$$\begin{aligned}
&\diamond 234 \times 400698 = 468 \times 200349 = 2034 \times 46098 = 4068 \times 23049. \\
&\diamond 24 \times 4059132 = 42 \times 2319504 = 924 \times 105432 = 1932 \times 50424. \\
&\diamond 264 \times 130536 = 336 \times 102564 = 1056 \times 32634 = 3234 \times 10656. \\
&\diamond 264 \times 181902 = 2928 \times 16401 = 2982 \times 16104 = 4026 \times 11928. \\
&\diamond 264 \times 256641 = 462 \times 146652 = 1452 \times 46662 = 2541 \times 26664. \\
&\diamond 27 \times 3692304 = 324 \times 307692 = 432 \times 230769 = 3024 \times 32967. \\
&\diamond 273 \times 169575 = 357 \times 129675 = 2793 \times 16575 = 3675 \times 12597. \\
&\diamond 294 \times 176358 = 1596 \times 32487 = 1938 \times 26754 = 2793 \times 18564. \\
&\diamond 3 \times 12319071 = 303 \times 121971 = 327 \times 113019 = 1119 \times 33027. \\
&\diamond 3 \times 23079231 = 21 \times 3297033 = 333 \times 207921 = 2331 \times 29703. \\
&\diamond 301 \times 273091 = 2107 \times 39013 = 3001 \times 27391 = 3913 \times 21007. \\
&\diamond 305 \times 317951 = 317 \times 305915 = 1037 \times 93515 = 5015 \times 19337. \\
&\diamond 312 \times 120486 = 1401 \times 26832 = 2064 \times 18213 = 2802 \times 13416. \\
&\diamond 34 \times 1619254 = 49 \times 1123564 = 364 \times 151249 = 1519 \times 36244. \\
&\diamond 396 \times 237762 = 2376 \times 39627 = 2772 \times 33966 = 3366 \times 27972. \\
&\diamond 398 \times 135932 = 1592 \times 33983 = 3383 \times 15992 = 3998 \times 13532. \\
&\diamond 4 \times 16450252 = 52 \times 1265404 = 1204 \times 54652 = 4204 \times 15652. \\
&\diamond 4 \times 21070021 = 7 \times 12040012 = 4012 \times 21007 = 7021 \times 12004. \\
&\diamond 4 \times 21700231 = 7 \times 12400132 = 4132 \times 21007 = 7231 \times 12004. \\
&\diamond 4 \times 21721063 = 7 \times 12412036 = 1204 \times 72163 = 2107 \times 41236. \\
&\diamond 44 \times 2042422 = 404 \times 222442 = 2222 \times 40444 = 4444 \times 20222. \\
&\diamond 44 \times 2172317 = 77 \times 1241324 = 4124 \times 23177 = 7217 \times 13244. \\
&\diamond 44 \times 2242402 = 404 \times 244222 = 2222 \times 44404 = 4444 \times 22202. \\
&\diamond 45 \times 1238097 = 435 \times 128079 = 1827 \times 30495 = 3045 \times 18297. \\
&\diamond 501 \times 130026 = 1002 \times 65013 = 5001 \times 13026 = 6513 \times 10002. \\
&\diamond 52 \times 1658944 = 448 \times 192556 = 598 \times 144256 = 1456 \times 59248. \\
&\diamond 52 \times 1742636 = 637 \times 142256 = 1456 \times 62237 = 3661 \times 24752. \\
&\diamond 53 \times 1632816 = 261 \times 331568 = 368 \times 235161 = 5336 \times 16218. \\
&\diamond 567 \times 139194 = 1134 \times 69597 = 1197 \times 65934 = 5994 \times 13167. \\
&\diamond 603 \times 132066 = 1206 \times 66033 = 6003 \times 13266 = 6633 \times 12006. \\
&\diamond 616 \times 142048 = 1012 \times 86464 = 1408 \times 62146 = 4048 \times 21616. \\
&\diamond 63 \times 1574925 = 1743 \times 56925 = 3795 \times 26145 = 7245 \times 13695. \\
&\diamond 72 \times 1062936 = 126 \times 607392 = 2016 \times 37962 = 6327 \times 12096. \\
&\diamond 72 \times 1083456 = 432 \times 180576 = 1368 \times 57024 = 7524 \times 10368. \\
&\diamond 72 \times 1230684 = 126 \times 703248 = 276 \times 321048 = 8232 \times 10764. \\
&\diamond 78 \times 1045296 = 1098 \times 74256 = 1428 \times 57096 = 7956 \times 10248. \\
&\diamond 84 \times 1029678 = 129 \times 670488 = 1806 \times 47892 = 6708 \times 12894.
\end{aligned}$$

ACKNOWLEDGEMENT

The author is thankful to T.J. Eckman, Georgia, USA (email: jeek@jeek.net) in programming the script to develop these representations.

REFERENCES

- [1] H. HEINZ, Narcissistic Numbers, <http://www.magic-squares.net/narciss.htm>.
- [2] H.E. DUDENEY, Amusements in Mathematics, EBD E-Books Directory.com, 1917.
- [3] J.S. MADACHY, Mathematics on Vacations, Charlars Scriber's Son, New York, 1966.
- [4] I.J. TANEJA, Crazy Sequential Representation: Numbers from 0 to 11111 in terms of Increasing and Decreasing Orders of 1 to 9, Jan. 2014, pp.1-161, <http://arxiv.org/abs/1302.1479>.

- [5] I.J. TANEJA, Selfie Numbers: Consecutive Representations in Increasing and Decreasing Orders, RGMIA Research Report Collection, **17**(2014), Article 140, pp. 1-57. <http://rgmia.org/papers/v17/v17a140.pdf>.
- [6] I.J. TANEJA, Different Types of Pretty Wild Narcissistic Numbers: Selfie Representations - I, RGMIA Research Report Collection, **18**(2015), Article 32, pp.1-43. <http://rgmia.org/papers/v18/v18a32.pdf>.
- [7] I.J. TANEJA, Selfie Numbers: Representations in Increasing and Decreasing Orders of Non Consecutive Digits, RGMIA Research Report Collection, **18**(2015), Article 70, pp.1-104. <http://rgmia.org/papers/v18/v18a70.pdf>.
- [8] I.J. TANEJA, Patterns in Selfie Numbers, RGMIA Research Report Collection, **18**(2015), Article 154, pp. 1-41. <http://rgmia.org/papers/v18/v18a154.pdf>.
- [9] I.J. TANEJA, Selfie Numbers - I: Symmetrical and Unified Representations, RGMIA Research Report Collection, **18**(2015), Article 174, pp.1-94. <http://rgmia.org/papers/v18/v18a174.pdf>.
- [10] I.J. TANEJA, Selfie Numbers - II: Six Digits Symmetrical, Unified and Patterned Representations Without Factorial, RGMIA Research Report Collection, **18**(2015), Article 175, pp.1-41. <http://rgmia.org/papers/v18/v18a175.pdf>.
- [11] I.J. TANEJA, Selfie Numbers - III: With Factorial and Without Square-Root - Up To Five Digits, RGMIA Research Report Collection, **19**(2016), Article 16, pp.1-52, <http://rgmia.org/papers/v19/v19a16.pdf>.
- [12] I.J. TANEJA, Selfie Power Representations, RGMIA Research Report Collection, **19**(2016), Article 17, pp. 1-20, <http://rgmia.org/papers/v19/v19a17.pdf>.
- [13] I.J. TANEJA, Crazy Power Representations of Natural Numbers, RGMIA Research Report Collection, **19**(2016), Article 31, pp.1-71, <http://rgmia.org/papers/v19/v19a31.pdf>.
- [14] I.J. TANEJA, Flexible Power Narcissistic Numbers with Division, RGMIA Research Report Collection, **19**(2016), Article 32, pp.1-67, <http://rgmia.org/papers/v19/v19a32.pdf>.
- [15] I.J. TANEJA, Flexible Power Selfie Numbers - I, RGMIA Research Report Collection, **19**(2016), Art 49, pp.1-34, <http://rgmia.org/papers/v19/v19a49.pdf>.
- [16] I.J. TANEJA, Flexible Power Selfie Numbers - II, RGMIA Research Report Collection, **19**(2016), Art 50, pp.1-69, <http://rgmia.org/papers/v19/v19a50.pdf>.
- [17] I.J. TANEJA, Flexible Power Selfie Numbers - III, RGMIA Research Report Collection, **19**(2016), Art 51, pp.1-66, <http://rgmia.org/papers/v19/v19a51.pdf>.
- [18] I.J. TANEJA, Selfie Fractions: Addable, RGMIA Research Report Collection, **19**(2016), Art 113, pp. 1-72, <http://rgmia.org/papers/v19/v19a113.pdf>.
- [19] I.J. TANEJA, Selfie Fractions: Dottable and Potentiable, RGMIA Research Report Collection, **19**(2016), Art 114, pp. 1-25, <http://rgmia.org/papers/v19/v19a114.pdf>.
- [20] I.J. TANEJA, Selfie Fractions: Addable and Dottable Together, RGMIA Research Report Collection, **19**(2016), Art 115, pp. 1-80, <http://rgmia.org/papers/v19/v19a115.pdf>.
- [21] I.J. TANEJA, Equivalent Selfie Fractions: Dottable, Addable and Subtractable, RGMIA Research Report Collection, **19**(2016), Art 116, pp. 1-40, <http://rgmia.org/papers/v19/v19a116.pdf>.
- [22] I.J. TANEJA, Equivalent Selfie Fractions: Addable and Dottable Together, RGMIA Research Report Collection, **19**(2016), Art 117, pp. 1-85, <http://rgmia.org/papers/v19/v19a117.pdf>.
- [23] I.J. TANEJA, Flexible Power Representations of Natural Numbers, RGMIA Research Report Collection, **19**(2016), Art 131, pp. 1-91, <http://rgmia.org/papers/v19/v19a131.pdf>.
- [24] I.J. TANEJA, Fibonacci Sequence and Selfie Numbers - I, RGMIA Research Report Collection, **19**(2016), Art 142, pp. 1-59, <http://rgmia.org/papers/v19/v19a142.pdf>.
- [25] I.J. TANEJA, Fibonacci Sequence and Selfie Numbers - II, RGMIA Research Report Collection, **19**(2016), Art 143, pp. 1-47, <http://rgmia.org/papers/v19/v19a143.pdf>.

- [26] I.J. TANEJA, Fibonacci Sequence and Selfie Numbers - III, RGMIA Research Report Collection, 19(2016), Art 156, pp. 1-72, <http://rgmia.org/papers/v19/v19a156.pdf>.
- [27] I.J. TANEJA, Palindromic-Type Numbers and Pattarens - I, RGMIA Research Report Collection, 19(2016), Article 163, pp.1-80, <http://rgmia.org/papers/v19/v19a159.pdf>.
- [28] I.J. TANEJA, Selfie Numbers - IV: Addition, Subtraction and Factorial, RGMIA Research Report Collection, 19(2016), Article 163, pp.1-42, <http://rgmia.org/papers/v19/v19a163.pdf>.
- [29] I.J. TANEJA, Selfie Numbers - V: Six Digits Symmetrical Representations with Factorial, RGMIA Research Report Collection, 19(2016), Article 164, pp.1-60, <http://rgmia.org/papers/v19/v19a164.pdf>.
- [30] I.J. TANEJA, Crazy Representations of Natural Numbers, Selfie Numbers, Fibonacci Sequence, and Selfie Fractions, RGMIA Research Report Collection, 19(2016), Article 179, pp.1-37, <http://rgmia.org/papers/v19/v19a179.pdf>.
- [31] I.J. TANEJA, 2017 - Mathematical Style, RGMIA Research Report Collection, 20(2017), Article 03, pp.1-17, <http://rgmia.org/papers/v20/v20a03.pdf>.
- [32] I.J. TANEJA, Hardy Ramanujan Number - 1729, RGMIA Research Report Collection, 20(2017), Article 06, pp.1-50, <http://rgmia.org/papers/v20/v20a06.pdf>.
- [33] I.J. TANEJA, Selfie Numbers and Binomial Coefficients, RGMIA Research Report Collection, 20(2017), pp. 1-18, Art. 25, <http://rgmia.org/papers/v20/v20a25.pdf>.
- [34] I.J. TANEJA, Same Digits Equality Expressions - I, RGMIA Research Report Collection, 20(2017), pp. 1-74, Art. 15, <http://rgmia.org/papers/v20/v20a15.pdf>.
- [35] I.J. TANEJA, Same Digits Equality Expressions - II, RGMIA Research Report Collection, 20(2017), pp. 1-97, Art. 16, <http://rgmia.org/papers/v20/v20a16.pdf>.
- [36] I.J. TANEJA, Selfie Numbers and Binomial Coefficients, RGMIA Research Report Collection, 20(2017), pp. 1-18, Art. 25, <http://rgmia.org/papers/v20/v20a25.pdf>.
- [37] I.J. TANEJA, Factorial-Power Selfie Expressions - I, RGMIA Research Report Collection, 20(2017), <http://rgmia.org/v20.php>.
- [38] I.J. TANEJA, Factorial-Power Selfie Expressions - II, RGMIA Research Report Collection, 20(2017), <http://rgmia.org/v20.php>.
-