Fibonacci–Triangular–Type Selfie Expressions – I

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Abstract

*This paper is an extension of author's previous work [15, 16] on **selfie expressions**. It brings numbers in such a way that both sides of the expressions are with same digits. This work brings expressions where one side with Fibonacci sequence values, and other side with triangular numbers having same digit's order. The operations used are addition, subtraction and multiplication along with composite relation. The results are up to four terms expressions with positive and negative signs. Five terms expressions are given in next work [20]*

Contents

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1 Selfie Expressions

Selfie expressions are very much similar to **selfie numbers** [9]. Selfie numbers are represented by its own digits by use of some operations, while **selfie expressions** are the expressions where both sides have same digits, not necessarily same operations on both sides, i.e., **same digits equality expressions**. Below are different ways of expressing equalities with same digits on both sides:

● **Multiplicative Equalities**

$$abcd... \times efgh... = cbad... \times gfhe.. \quad \forall a, b, c, d, e, ... \in \mathsf{N}_+. \tag{1}$$

● **Power and Addition**

$$a^b + c^d + ... = ab + cd + ..., \quad \forall a, b, c, d, .. \in \mathsf{N}. \tag{2}$$

● **Factorial and Power**

$$a! \times b! + (c! + d!) \times e! + ... = a^a + b^b - c^c \times (d^d - e^e) + ..., \quad \forall a, b, c, d, e, ... \in \mathsf{N}_+, \text{ etc.} \tag{3}$$

$$a! \times b! + (c! + d!) \times e! + ... = a^c + (b^d - c^a) \times d^e - e^b + ..., \quad \forall a, b, c, d, e, ... \in \mathsf{N}_+, \text{ etc.} \tag{4}$$

We observe that the (4) is different from the (3) in right side of the expression. In case (3), the power of digits is same as of bases. In case of (4), it is not necessary that the power is same as of digits, but is a permutation of same digits as of bases. See below more general way.

$$(a!, b!, c!, ...) = (a^a, b^b, c^c, ..)$$
$$(a!, b!, c!, ...) = (a, b, c, ..)^{(a,b,c,...)}.$$

The first expression is simplified form of (3) and the second expression is similar to (4).

Let us explain one by one, the idea of above four **selfie expressions**, i.e., (1)–(4).

1.1 Multiplicative Selfie Equalities

This subsection brings results based on the expression (1). By **multiplicative selfie equalities**, we understand that there are equalities, where each side is separated by operation of multiplications having same digits on both sides, not necessarily in same order. There are many ways of writing these kind of numbers explained in following subsections.

1.1.1 First Type

In this case, we have multiplicative equalities with equal number of digits on both sides and also in each multiplicative factor. The operation of multiplications is with number and its reverse forming a palindromic–type expression. For example, Based on idea of expressions 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 some examples:

⋄ $37468 \times 86473 = 47386 \times 68374$.

⋄ $37596 \times 69573 = 39756 \times 65793$.

⋄ $39648 \times 84693 = 48396 \times 69384$.

⋄ $45495 \times 59454 = 49545 \times 54594$.

⋄ $46069 \times 96064 = 64096 \times 69046$.

⋄ $120024 \times 420021 = 210042 \times 240012$.

⋄ $102204 \times 402201 = 201402 \times 204102$.

⋄ $130026 \times 620031 = 260013 \times 310062$.

⋄ $120036 \times 630021 = 210063 \times 360012$.

⋄ $102306 \times 603201 = 201603 \times 306102$.

1.1.2 Second Type

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,

⋄ $2017 \times 3404 = 1702 \times 4034$

⋄ $2017 \times 6808 = 1702 \times 8068$.

⋄ $1729 \times 3584 = 1792 \times 3458$.

⋄ $1729 \times 3854 = 1927 \times 3458$.

⋄ $1729 \times 4358 = 2179 \times 3458$.

⋄ $1729 \times 4732 = 2197 \times 3724$.

⋄ $1729 \times 5438 = 2719 \times 3458$.

⋄ $1729 \times 5781 = 1927 \times 5187$.

1.1.3 Third Type

The third case is similar to second one, but there is no rule with order of digits. Only thing is that on both sides of the equality sign, there are same digits. There are many numbers, but we have written only those with more than one equality sign. See below examples,

⋄ $162 \times 8064 = 216 \times 6048 = 648 \times 2016$.

⋄ $162 \times 8073 = 207 \times 6318 = 702 \times 1863$.

⋄ $17 \times 35945 = 35 \times 17459 = 395 \times 1547$.

⋄ $176 \times 7469 = 194 \times 6776 = 776 \times 1694$.

⋄ $18 \times 39879 = 189 \times 3798 = 378 \times 1899$.

⋄ $18 \times 41553 = 54 \times 13851 = 513 \times 1458$.

⋄ $1782 \times 43956 = 2178 \times 35964 = 3564 \times 21978 = 4356 \times 17982$.

⋄ $18 \times 2830464 = 486 \times 104832 = 1404 \times 36288 = 3024 \times 16848$.

⋄ $18 \times 5204736 = 162 \times 578304 = 3456 \times 27108 = 4518 \times 20736$.

⋄ $198 \times 179982 = 297 \times 119988 = 1188 \times 29997 = 1782 \times 19998$.

⋄ $198 \times 339966 = 396 \times 169983 = 1683 \times 39996 = 3366 \times 19998$.

⋄ $2 \times 12089121 = 11 \times 2198022 = 222 \times 108911 = 1221 \times 19802$.

Due to large quantity of numbers, we worked only with double or higher equality signs. Some times these expressions with single equality are famous as **vamp numbers**.

1.2 Power and Addition

Following the idea of expression (2) the author wrote the numbers **2017** [10] and **1729** [11] as:

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

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

Below are more examples,

$$\begin{aligned}
81 &:= 2^3 + 2^6 + 3^2 & &= 23 + 26 + 32. \\
99 &:= 2^3 + 3^3 + 4^3 & &= 23 + 33 + 43. \\
121 &:= 2^3 + 2^6 + 7^2 & &= 23 + 26 + 72. \\
170 &:= 2^6 + 5^2 + 9^2 & &= 26 + 52 + 92. \\
246 &:= 2^2 + 11^2 + 11^2 & &= 22 + 112 + 112.
\end{aligned}$$

$$\begin{aligned}
246 &:= 5^2 + 5^2 + 14^2 & &= 52 + 52 + 142. \\
266 &:= 4^2 + 9^2 + 13^2 & &= 42 + 92 + 132. \\
286 &:= 6^2 + 9^2 + 13^2 & &= 62 + 92 + 132. \\
306 &:= 8^2 + 11^2 + 11^2 & &= 82 + 112 + 112. \\
&:= 9^2 + 9^2 + 12^2 & &= 92 + 92 + 122.
\end{aligned}$$

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 [14, 15]. In these works, instead of using only positive sign, both positive and negative signs are used. For more study on numbers refer historical work [1, 2, 3].

1.3 Factorial and Power

Recently, author [15, 16] worked on results arising due to (3) and (4). This we have done in three different ways. One without any repetition of digits. The second we have done with repetition of digits. Third with permutable powers. Both sides of the equality are with the operations as, addition, subtraction, and multiplication along with composite relation. See below some examples in each case:

1.3.1 Different Digits

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

1.3.2 Repetition of Digits

$$108 := 2! \times (3! + 4! + 4!) \qquad = 2^2 \times 3^3 + 4^4 - 4^4$$
$$:= 3! \times (3! + 3! \times 2!) \qquad = (3^3 + 3^3 - 3^3) \times 2^2$$
$$:= -5! + 2! \times (5! - 3!) \qquad = (5^5 + 2^2 - 5^5) \times 3^3$$
$$:= (-3! + 5!) \times 2! - 5! \qquad = 3^3 \times (5^5 + 2^2 - 5^5)$$
$$:= (2! \times 3! + 3!) \times 3! \times 1! \quad = (2^2 + 3^3 - 3^3) \times 3^3 \times 1^1$$
$$:= (1! \times 1! + 2!) \times 3! \times 3! \quad = (-1^1 - 1^1 + 2^2) \times (3^3 + 3^3)$$
$$:= (1! \times 3! + 3! + 3!) \times 3! \quad = 1^1 \times 3^3 + 3^3 + 3^3 + 3^3$$
$$:= (4! + 3! \times 1! + 4!) \times 2! \quad = (4^4 + 3^3 \times 1^1 - 4^4) \times 2^2$$
$$:= (-3! + 5! \times 1!) \times 2! - 5! = (5^5 \times 1^1 + 3^3 - 5^5) \times 2^2.$$

$$1008 := ((4! - 2!) \times 4! - 4!) \times 2! = (4^4 - 2^2 - 4^4 + 4^4) \times 2^2$$
$$:= (2! + 2! + 4!) \times 3! \times 3! \quad = 2^2 \times (-2^2 + 4^4) - 3^3 + 3^3$$
$$:= (2! - 1! + 3!) \times 3! \times 4! \quad = -2^2 + (1^1 + 3^3) \times 3^3 + 4^4$$
$$:= 2! \times (2! \times (5! + 5!) + 4!) = 2^2 \times (-2^2 - 5^5 + 5^5 + 4^4).$$

1.3.3 Permutable Power

In the above two subsections powers on left side are the same as of bases, below are examples, where powers permutations of bases:

$$3648 := 1! \times 6! + (2! + 5!) \times 4! = (1^5 + 6^2) \times 2^6 + 5^1 \times 4^4.$$
$$:= 1! \times 6! + (5! + 2!) \times 4! = (1^4 \times 6^2 + 5^1) \times 2^6 + 4^5.$$

$$3649 := 1! + 4! \times (2! + 5!) + 6! \quad = 1^4 + 4^5 + 2^6 \times (5^1 + 6^2).$$
$$3690 := (1! + 2! + 5!) \times (3! + 4!) = (1^2 + 2^1) \times (5^3 + 3^4 + 4^5).$$
$$3744 := (1! \times 3! + 5!) \times 4! + 6! \quad = (1^6 \times 3^5 + 5^3 + 4^4) \times 6^1.$$
$$3745 := 1! + (3! + 5!) \times 4! + 6! \quad = 1^6 + (3^5 + 5^3 + 4^4) \times 6^1.$$

$$3840 := (1! \times 4! + 2! + 3!) \times 5! = (1^4 + 4^3) \times (2^1 + 3^2) + 5^5.$$
$$= 1^4 \times 4^3 \times (2^5 + 3^1 + 5^2).$$
$$:= 1! \times 5! \times (4! + 2!) + 6! = (1^5 + 5^1) \times 4^4 + 2^6 \times 6^2.$$

$$4320 := (2! - 1!) \times 3! \times 6! = (-2^3 - 1^2 + 3^6) \times 6^1.$$
$$= 2^1 \times (1^6 + 3^2) \times 6^3.$$
$$:= (2! - 1!) \times 7! - 6! = (2^7 - 1^6 - 7^1) \times 6^2.$$

$$4326 := 3! \times (2! - 1! + 6!) = (3^6 - 2^3) \times 1^2 \times 6^1.$$
$$4332 := 1! \times 3! \times (2! + 6!) = (1^2 + 3^6 - 2^3) \times 6^1.$$
$$5050 := 2! \times (3! - 1!) + 7! = (2^7 - 3^3) \times (1^1 + 7^2).$$
$$5058 := (2! + 1!) \times 3! + 7! = 2^1 \times (-1^2 + 3^7 + 7^3).$$

For more details refer author's work [16].

2 Fibonacci and Triangular Values

This section brings definition and idea of **Fibonacci and Triangular Values**. Also connections with **selfie numbers** are given in with some examples. Later these sequences are used to extend **selfie expressions** with some basic operations.

2.1 Selfie Numbers with Fibonacci Sequence

Fibonacci sequence numbers are well known in literature. [4, 5]. This sequence is defined as

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

Initial values of Fibonacci sequence are given by

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

Below are examples of selfie numbers with **Fibonacci sequence** values:

$$235 := 2 + F(F(F(3) + 5)).$$
$$256 := 2^5 \times F(6).$$
$$4427 := (F(4) + 4^2) \times F(F(7)).$$
$$4649\underline{3} := F(4 \times 6) + (-4 + 9)^3.$$

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

First column values are in **digit's order** and the second columns values are in **reverse order of digits**. For more details see author's [6, 7, 8].

2.2 Selfie Numbers with Triangle Numbers

The general formula to write these numbers is given by

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

Initial values of triangular sequence are given by

$T(1) = 1$	$T(6) = 21$	$T(11) = 66$	$T(16) = 136$
$T(2) = 3$	$T(7) = 28$	$T(12) = 78$	$T(17) = 153$
$T(3) = 6$	$T(8) = 36$	$T(13) = 91$	$T(18) = 171$
$T(4) = 10$	$T(9) = 45$	$T(14) = 105$	$T(19) = 190$
$T(5) = 15$	$T(10) = 55$	$T(15) = 120$	$T(20) = 210$, etc,

Below are examples of **selfie numbers** with **Triangular numbers**. See below:

$1069 := T(10) - T(6) + T(T(9)).$
$1081 := T(1 + T(08 + 1)).$
$2887 := T(T(T(T(2)))) + T(T(8) + T(8)) + T(7).$
$4965 := T(-4 + 9) + T(-T(6) + T(T(5))).$
$4999 := 49 + T(99).$

$874 := T(T(T(4))) - T(T(7) + 8).$
$0105 := 50 + T(10).$
$1155 := -T(T(5)) + T(51 - 1).$
$1224 := T(T(T(4)) - T(T(2))) - 2 + 1.$
$2418 := T(81) - T(42).$

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

As a consequence of definitions of F and T, the following results are obvious. These are limited up to four terms.

$$F(1) + F(2) = F(3).$$
$$F(2) + F(3) = F(4).$$
$$F(3) + F(4) = F(5).$$
$$F(4) + F(5) = F(6).$$
$$F(5) + F(6) = F(7).$$
$$F(6) + F(7) = F(8).$$

$$T(3) + T(5) = T(6).$$
$$T(5) + T(6) = T(8).$$

$$T(1) + T(2) + T(3) = T(4).$$
$$T(2) \times T(3) + T(4) = T(7).$$
$$T(2) \times T(4) + T(3) = T(8).$$

$$(-T(1) + T(3)) \times T(2) = T(5).$$

$$F(1) + F(3) + F(5) = F(6).$$
$$F(3) \times F(6) + F(5) = F(8).$$
$$F(5) + F(6) + F(8) = F(9).$$

$$T(1) + T(5) = T(3) + T(4).$$
$$T(5) + T(9) = T(3) \times T(4).$$

2.3   Numbers with Fibonacci and Triangular Numbers

In [18] author studied numbers represented by Fibonacci sequence values and Triangular numbers together. See below examples in digit's order and reverse order of digits:

$1446 := (-1 + F(4)) \times (F(4) + 6!) = (1 + 4! \times T(4)) \times 6.$
$1448 := -1 + F(4!)/(4 \times 8) = -1 + T(T(T(4))) - T(T(4)) - T(8).$
$1456 := F(1 + F(4)!) \times (5! - F(6)) = (1 + T(T(4))) \times (5 + T(6)).$
$7874 := (F(F(7)) + F(8)) \times (7 + 4!) = 7! - T(T(8)) + 7! - T(T(T(4))).$
$7920 := F(F(7)) \times F(9) - 2 + 0 = -7! + (9!/T(T(T(2)) + 0!)).$
$7942 := (T(T(7)) - T(9)) \times (4! - 2) = F(F(7)) \times F(9) + F(F(F(4)!)) - F(2).$

$8085 := F(8) + 08!/5 = (T(8) - 0!) \times T(T(8) - T(5)).$
$8317 := 8!/3! + F(17) = T(8) \times T(T(T(3))) + 1^7.$
$8856 := (F(8 + 8) + 5!) \times F(6) = T(8) \times (T(8) + 5) \times 6.$
$8972 := F(F(8)) - F(9 + 7) \times 2 = 8 \times T(T(9)) - T(7) + (T(T(2)))!.$
$9243 := -9 \times 2 + F(F(F(4)!))^3 = 9 \times (2^{T(4)} + 3).$
$9244 := F(9)^2 \times F(F(4)!) - 4 = (9 - T(2)) \times T(T(T(4))) + 4.$

$$0169 := F(9) \times (6 - 1) - 0! \qquad = (T(T(9)) - T(6))/T(T(1 + 0!)).$$
$$0176 := F(6) \times (F(7 + 1) + 0!) \quad = -T(T(6)) + T(T(7)) \times 1 + 0!.$$
$$0234 := F(4 + 3^2) + 0! \qquad = 4 \times T(3) + T(20).$$
$$0244 := F(4)^{F(4)+2} + 0! \qquad = 4! + T(4) + T(20).$$
$$3024 := (F(4)^2)!/(-0! + 3!)! \qquad = 4! \times T(T(2)) \times T(T(03)).$$
$$3045 := (5! + 4! + 0!) \times F(F(3!)) = T(5 + 4!) \times (0! + T(3)).$$

$$3165 := -5 \times 6! + F(-1 + F(F(3!))) = T(5) \times T(T(6)) - T((1 + 3)!).$$
$$3276 := F(F(6)) \times (F(7) \times 2) \times 3! \quad = T(6 + 7) \times T(2^3).$$
$$3297 := -7 + F(9 \times 2) + 3!! \qquad = (T(7 + 9) + T(T(T(2)))) \times T(T(3)).$$
$$3303 := 3!! - 0! + F(3 \times 3!) \qquad = T((3 + 0!)!) + T(T(T(T(3)))/3).$$
$$3304 := F(4! - 03!) + 3!! \qquad = T(4!) + 0! + T(T(T(T(3)))/3).$$
$$3325 := 5 \times (-F(2 + F(3!)) + 3!!) \quad = 5 \times (-T(T(-2 + T(3))) + T(3)!).$$

2.4 Factorial–Type Selfie Expressions With Fibonacci and Triangular Values

In [19], we studied an extension of the work [14, 15] given in section 1.3. This extension is done by connecting Fibonacci and triangular sequence values factorial–type expressions. The values on both sides of the expressions are with same digits and same order with very few operations. This is done using only the values of $F(1), ...F(9)$ and $T(1), ..., T(9)$. The different situations studied in [19] are summarized in following subsections.

2.4.1 Factorial With Fibonacci and Triangular Values

$$25 := 1! + 3! \times 4! - 5! \qquad = (F(1) \times F(3) + F(4)) \times F(5) \qquad = (T(1) - T(3)) \times (T(4) - T(5)).$$
$$30 := (1! + 4!) \times 3! - 5! \qquad = (F(1) + F(4) + F(3)) \times F(5) \qquad = -T(1) + T(4) + T(3) + T(5).$$
$$600 := -5! - 3! \times 6! \times 1! + 7! \quad = F(5) \times (F(3) + F(6)) \times (-F(1) + F(7)) = -T(5) + T(3) + T(6) \times (T(1) + T(7)).$$
$$:= -5! + 6! \times (2! + 3!) - 7! = F(5) \times F(6) \times F(2) \times (F(3) + F(7)) \quad = T(5) \times (T(6) - T(2) - T(3) + T(7)).$$
$$624 := -3! \times 6! + 4! - 5! + 7! \quad = (-F(3) + F(6)) \times (F(4) + F(5)) \times F(7) = -T(3) + T(6) \times T(4) + T(5) \times T(7).$$
$$720 := -5! \times 4! + 7! - 2! \times 6! \quad = F(5) \times (F(4) + F(7)) \times (F(2) + F(6)) \quad = -T(5) + (T(4) + T(7) - T(2)) \times T(6).$$
$$864 := 4! + 5! + 7! - 3! \times 6! \qquad = F(4) \times (F(5) + F(7)) \times F(3) \times F(6) \quad = T(4) \times T(5) + (T(7) + T(3)) \times T(6).$$
$$960 := -3! \times 6! + 5! \times 2! + 7! \quad = F(3) \times F(6) \times F(5) \times (-F(2) + F(7)) \quad = -T(3) + T(6) \times (T(5) + T(2) + T(7)).$$

2.4.2 Factorial With Fibonacci Sequence Values

$$10 := -(1! + 3!) \times 2! + 4! = F(1) + (F(3) + F(2)) \times F(4).$$
$$:= 4! - 2! \times (1! + 3!) \quad = (F(4) + F(2) + F(1)) \times F(3).$$
$$24 := (-3! + 2!) \times 4! + 5! = (F(3) + F(2)) \times (F(4) + F(5)).$$
$$26 := 2! + 3! \times 4! - 5! \qquad = F(2) + (F(3) + F(4)) \times F(5).$$
$$36 := -5! + (2! + 4!) \times 3! = (F(5) + F(2)) \times F(4) \times F(3).$$

$$\begin{aligned}
\mathbf{1560} &:= (1! - 4!) \times 5! - 6! + 7! &&= F(1) \times F(4) \times F(5) \times F(6) \times F(7). \\
&:= (7! - 6! \times 3!) \times 2! + 5! &&= F(7) \times F(6) \times (F(3) + F(2)) \times F(5). \\
&:= 7! + (1! - 3!) \times 6! + 5! &&= F(7) \times (F(1) + F(3)) \times F(6) \times F(5). \\
\mathbf{1680} &:= -5! \times (4! - 2!) + 7! - 6! &&= F(5) \times F(4) \times (F(2) + F(7)) \times F(6). \\
\mathbf{9240} &:= 8! - 5! - 6! - 7! \times 3! &&= F(8) \times F(5) \times F(6) \times (F(7) - F(3)).
\end{aligned}$$

2.4.3 Factorial With Triangular Values

$$\begin{aligned}
\mathbf{168} &:= 2! \times 1! \times 4! + 5! &&= T(2) + (T(1) + T(4)) \times T(5). \\
\mathbf{300} &:= 2! \times (3! + 5! + 4!) &&= T(2) \times (T(3) \times T(5) + T(4)). \\
\mathbf{960} &:= 1! \times 6! + 2! \times 5! &&= (T(1) + T(6) \times T(2)) \times T(5). \\
\mathbf{2160} &:= 2! \times 6! + 3! \times 5! &&= (T(2) + T(6)) \times T(3) \times T(5). \\
\mathbf{1008} &:= (2! \times 3!) \times 4! + 6! &&= T(2) \times (T(3) + T(4)) \times T(6).
\end{aligned}$$

$$\begin{aligned}
\mathbf{174} &:= 3! \times 1! + 2! \times 4! + 5! &&= T(3) \times (T(1) + T(2)) + T(4) \times T(5). \\
\mathbf{198} &:= (2! + 1!) \times 4! + 3! + 5! &&= T(2) \times (T(1) + T(4) \times T(3)) + T(5). \\
\mathbf{270} &:= 1! \times 3! + 4! + 2! \times 5! &&= T(1) \times T(3) \times (T(4) \times T(2) + T(5)). \\
\mathbf{271} &:= 1! + 3! + 4! + 2! \times 5! &&= T(1) + T(3) \times (T(4) \times T(2) + T(5)).
\end{aligned}$$

2.4.4 Factorial, Power and Triangular Values

We have only three values, where **factorial**, **power** and **triangular numbers** are equal with same digit's order.

$$\begin{aligned}
\mathbf{1} &:= 1! = 1^1 &&= T(1). \\
\mathbf{3} &:= 1! + 2! = -1^1 + 2^2 &&= T(1) \times T(2). \\
\mathbf{2760} &:= (-1! + 5! + 2! - 3!) \times 4! = -1^1 + 5^5 - 2^2 \times 3^3 - 4^4 &&= (T(1) + T(5) \times T(2)) \times T(3) \times T(4).
\end{aligned}$$

We observe from above subsections 2.4.1, 2.4.2 and 2.4.3 that factorial terms expressions are connected with each kind of functions. We don't have results with Fibonacci and Triangular sequence values together except the given in 2.4.1. The aim of this work is to bring **selfie-type expressions with Fibonacci and Triangular values**. This we have done using only the values of $F(1), ... F(9)$ and $T(1), ..., T(9)$. Since there are lot of values, we have divided the work in two parts. This part give the results up to four terms values with positive and negative signs. The next part [20] brings result for five terms expressions only in the positive terms expressions.

3 Fibonacci–Triangular Equality Expressions

In this case we have very few examples, as we considered factorial and Fibonacci values equality expressions following the same order of digits on both sides of the equalities. This we have divided in two subsections. One only with positive sign expressions and another with positive and negative signs expressions.

3.1 Positive Sign Expressions

$$\mathbf{42} := F(3) \times F(8) = T(3) + T(8).$$

$$32 := (F(1) + F(4)) \times F(6) = T(1) + T(4) + T(6).$$
$$39 := F(1) \times F(4) \times F(7) \;\;\; = T(1) + T(4) + T(7).$$

$$42 := (F(1) \times F(3)) \times F(8) = T(1) \times T(3) + T(8).$$
$$\;\;\; := F(3) + F(5) \times F(6) \;\;\; = T(3) + T(5) + T(6).$$

$$43 := F(1) + F(3) \times F(8) \;\;\; = T(1) + T(3) + T(8).$$
$$66 := F(4) \times (F(2) + F(8)) = T(4) \times T(2) + T(8).$$

$$105 := F(2) + F(7) \times F(6) = T(2) \times T(7) + T(6).$$

$$31 := F(1) + F(3) \times F(4) \times F(5) \;\;\; = T(1) \times T(3) + T(4) + T(5).$$
$$32 := (F(1) + F(4) \times F(5)) \times F(3) = T(1) + T(4) + T(5) + T(3).$$

$$40 := F(1) \times F(2) \times F(5) \times F(6) \;\;\; = T(1) + T(2) + T(5) + T(6).$$
$$\;\;\; := (F(2) \times F(3) + F(4)) \times F(6) = T(2) + T(3) + T(4) + T(6).$$

$$41 := F(1) + F(2) + F(4) \times F(7) = T(1) \times T(2) + T(4) + T(7).$$

$$42 := F(1) \times F(5) \times F(6) + F(3) \;\;\; = T(1) \times T(5) + T(6) + T(3).$$
$$\;\;\; := F(1) \times F(4) \times (F(2) + F(7)) = T(1) + T(4) + T(2) + T(7).$$

$$43 := F(1) + F(3) + F(5) \times F(6) \;\;\; = T(1) + T(3) + T(5) + T(6).$$
$$44 := (F(1) + F(7)) \times F(4) + F(3) = T(1) \times T(7) + T(4) + T(3).$$

$$45 := F(1) \times F(4) \times (F(3) + F(7)) = T(1) + T(4) + T(3) + T(7).$$
$$\;\;\; := F(1) + F(3) \times (F(2) + F(8)) = T(1) \times T(3) + T(2) + T(8).$$

$$46 := (F(1) + F(2)) \times (F(3) + F(8)) = T(1) + T(2) + T(3) + T(8).$$
$$49 := F(2) + F(3) \times F(4) \times F(6) \;\;\;\;\; = T(2) \times T(3) + T(4) + T(6).$$
$$52 := (F(1) + F(2) + F(3)) \times F(7) \;\;\; = (T(1) + T(2)) \times T(3) + T(7).$$
$$54 := F(1) \times F(4) \times (F(5) + F(7)) \;\;\; = T(1) + T(4) + T(5) + T(7).$$
$$60 := (F(1) + F(4)) \times F(7) + F(6) \;\;\; = T(1) + T(4) + T(7) + T(6).$$
$$65 := F(3) + F(4) \times (F(6) + F(7)) \;\;\; = T(3) + T(4) + T(6) + T(7).$$

$$66 := F(1) \times F(4) \times (F(2) + F(8)) \;\;\; = T(1) \times T(4) \times T(2) + T(8).$$
$$\;\;\; := (F(5) + F(2)) \times (F(4) + F(6)) = T(5) + T(2) \times T(4) + T(6).$$

$$67 := F(1) + F(4) \times (F(2) + F(8)) \;\;\; = T(1) + T(4) \times T(2) + T(8).$$
$$68 := (F(1) + F(2)) \times (F(7) + F(8)) = T(1) + T(2) + T(7) + T(8).$$

$69 := F(1) \times F(2) + F(3) \times F(9) = (T(1) + T(2)) \times T(3) + T(9).$
$\quad := F(4) \times (F(1) + F(2) + F(8)) = (T(4) + T(1)) \times T(2) + T(8).$

$70 := F(3) \times (F(1) + F(7) + F(8)) = (T(3) \times T(1)) + T(7) + T(8).$
$72 := (F(3) + F(2)) \times (F(4) + F(8)) = T(3) + T(2) \times T(4) + T(8).$

$73 := F(3) + F(6) + F(4) \times F(8) = T(3) + T(6) + T(4) + T(8).$
$\quad := F(4) + (F(2) + F(7)) \times F(5) = T(4) \times T(2) + T(7) + T(5).$
$\quad := F(4) + F(3) \times (F(2) + F(9)) = T(4) + T(3) \times T(2) + T(9).$

$76 := F(4) + F(5) + F(3) \times F(9) = T(4) + T(5) + T(3) + T(9).$
$77 := F(2) + F(7) + F(4) \times F(8) = T(2) + T(7) + T(4) + T(8).$
$78 := F(2) \times F(3) \times (F(5) + F(9)) = T(2) \times T(3) + T(5) + T(9).$
$81 := F(4) \times (F(2) + F(5) + F(8)) = T(4) \times T(2) + T(5) + T(8).$

$82 := (F(1) + F(5)) \times F(6) + F(9) = T(1) + T(5) + T(6) + T(9).$
$\quad := F(3) \times F(4) \times F(6) + F(9) = T(3) + T(4) + T(6) + T(9).$
$\quad := F(3) \times F(9) + F(2) + F(7) = T(3) + T(9) + T(2) + T(7).$
$\quad := F(2) + F(7) + F(3) \times F(9) = T(2) + T(7) + T(3) + T(9).$

$84 := F(2) \times F(3) \times (F(6) + F(9)) = T(2) \times T(3) + T(6) + T(9).$
$86 := (F(2) + F(4)) \times F(7) + F(9) = T(2) + T(4) + T(7) + T(9).$
$87 := F(2) \times F(4) \times (F(6) + F(8)) = T(2) \times T(4) + T(6) + T(8).$
$89 := F(4) + F(5) \times F(7) + F(8) = T(4) + T(5) + T(7) + T(8).$
$90 := F(2) + F(3) \times F(9) + F(8) = T(2) + T(3) + T(9) + T(8).$
$91 := (F(2) \times F(3) + F(5)) \times F(7) = T(2) \times (T(3) + T(5)) + T(7).$
$91 := (F(2) + F(3) \times F(4)) \times F(7) = T(2) + T(3) \times T(4) + T(7).$
$96 := F(3) \times F(6) \times (F(2) + F(5)) = (T(3) + T(6)) \times T(2) + T(5).$

$105 := F(1) + F(3) + F(4) \times F(9) = T(1) \times T(3) \times T(4) + T(9).$
$\quad := F(1) + F(6) \times F(2) \times F(7) = T(1) \times T(6) + T(2) \times T(7).$

$106 := F(1) + F(2) + F(7) \times F(6) = T(1) + T(2) \times T(7) + T(6).$
$\quad := F(1) + (F(3) + F(4)) \times F(8) = (T(1) + T(3)) \times T(4) + T(8).$
$\quad := F(2) + (F(6) + F(7)) \times F(5) = T(2) \times T(6) + T(7) + T(5).$

$108 := F(2) \times F(4) \times (F(3) + F(9)) = T(2) + T(4) \times T(3) + T(9).$
$109 := F(3) + F(4) + F(6) \times F(7) = T(3) \times T(4) + T(6) + T(7).$

$111 := F(3) \times F(4) + F(5) \times F(8) = T(3) \times T(4) + T(5) + T(8).$
$\quad := (F(3) + F(1)) \times (F(4) + F(9)) = T(3) \times (T(1) + T(4)) + T(9).$

$112 := F(6) \times F(1) \times (F(2) + F(7)) = T(6) \times (T(1) + T(2)) + T(7).$
$114 := F(2) + F(6) + F(5) \times F(8) \quad = T(2) \times T(6) + T(5) + T(8).$

$115 := (F(2) + F(7)) \times F(6) + F(4) = T(2) \times T(7) + T(6) + T(4).$
$\quad := F(3) \times (F(7) + F(9)) + F(8) = T(3) + T(7) + T(9) + T(8).$
$\quad := F(4) + F(6) \times (F(2) + F(7)) = T(4) + T(6) + T(2) \times T(7).$

$120 := F(4) \times (F(5) + F(2) + F(9)) = (T(4) + T(5)) \times T(2) + T(9).$

$126 := (F(2) + F(3) + F(4)) \times F(8) \quad = (T(2) + T(3)) \times T(4) + T(8).$
$\quad := (F(5) + F(2) \times F(1)) \times F(8) \quad = T(5) + T(2) \times (T(1) + T(8)).$
$\quad := (F(2) + F(3)) \times (F(6) + F(9)) = T(2) \times (T(3) + T(6)) + T(9).$

$130 := (F(1) + F(2)) \times F(5) \times F(7) \quad = T(1) + T(2) \times (T(5) + T(7)).$
$136 := F(3) \times (F(5) + F(4) \times F(8)) \quad = T(3) \times T(5) + T(4) + T(8).$
$147 := F(3) + F(5) \times (F(6) + F(8)) \quad = T(3) \times T(5) + T(6) + T(8).$
$162 := (F(2) + F(6)) \times (F(7) + F(5)) = T(2) \times (T(6) + T(7)) + T(5).$
$168 := F(3) \times (F(4) + F(2)) \times F(8) \quad = T(3) \times T(4) + T(2) \times T(8).$
$171 := F(2) + F(9) \times (F(4) + F(3)) \quad = T(2) \times (T(9) + T(4)) + T(3).$
$174 := (F(2) + F(5)) \times (F(8) + F(6)) = T(2) \times (T(5) + T(8)) + T(6).$

$180 := (F(1) + F(2) + F(9)) \times F(5) = T(1) \times T(2) \times (T(9) + T(5)).$
$\quad := F(5) \times F(2) \times (F(3) + F(9)) = T(5) \times (T(2) + T(3)) + T(9).$

$186 := F(3) \times F(6) + F(5) \times F(9) \quad = T(3) \times T(6) + T(5) + T(9).$
$189 := (F(2) + F(4) + F(5)) \times F(8) = T(2) + T(4) \times T(5) + T(8).$
$190 := (F(4) + F(2) + F(9)) \times F(5) = T(4) + T(2) \times (T(9) + T(5)).$
$195 := F(5) \times (F(4) + F(3) + F(9)) = (T(5) + T(4)) \times T(3) + T(9).$
$208 := (F(2) + F(5) \times F(4)) \times F(7) = (T(2) + T(5)) \times T(4) + T(7).$
$210 := (F(2) + F(7) \times F(6)) \times F(3) = T(2) \times T(7) + T(6) \times T(3).$

$214 := F(3) \times (F(4) + (F(6) \times F(7))) = T(3) \times (T(4) + T(6)) + T(7).$
$216 := (F(2) + F(5) + F(8)) \times F(6) \quad = T(2) \times (T(5) + T(8) + T(6)).$
$231 := (F(1) + F(5) \times F(3)) \times F(8) \quad = T(1) \times T(5) + T(3) \times T(8).$
$234 := F(4) \times (F(5) + F(2)) \times F(7) \quad = T(4) \times T(5) + T(2) \times T(7).$

$276 := F(1) + F(4) + F(6) \times F(9) = (T(1) + T(4)) \times T(6) + T(9).$
$\quad := F(2) + F(8) \times F(7) + F(3) = T(2) \times T(8) + T(7) \times T(3).$

300 $:= F(2) + F(7) \times (F(3) + F(8)) = T(2) \times T(7) + T(3) \times T(8).$
312 $:= (F(3) + F(2)) \times F(6) \times F(7) = T(3) \times (T(2) + T(6) + T(7)).$
346 $:= (F(4) \times F(7)) \times F(6) + F(9) = T(4) \times T(7) + T(6) + T(9).$
370 $:= F(3) \times F(5) \times (F(9) + F(4)) = T(3) \times (T(5) + T(9)) + T(4).$
378 $:= (F(2) + F(5)) \times F(4) \times F(8) = T(2) + T(5) + T(4) \times T(8).$
441 $:= (F(3) \times F(6) + F(5)) \times F(8) = (T(3) + T(6)) \times T(5) + T(8).$

444 $:= F(3) \times F(1) + F(7) \times F(9) \quad = T(3) \times (T(1) + T(7) + T(9)).$
448 $:= F(4) \times F(3) + F(7) \times F(9) \quad = T(4) + T(3) \times (T(7) + T(9)).$
479 $:= F(4) + F(9) \times (F(1) + F(7)) = T(4) \times T(9) + T(1) + T(7).$
481 $:= F(2) \times F(7) \times (F(4) + F(9)) = T(2) + T(7) + T(4) \times T(9).$
510 $:= F(5) \times F(1) \times F(4) \times F(9) \quad = T(5) + (T(1) + T(4)) \times T(9).$
511 $:= F(1) + (F(3) + F(7)) \times F(9) = (T(1) + T(3)) \times (T(7) + T(9)).$

525 $:= F(5) \times (F(2) + F(7) \times F(6)) = (T(5) + T(2)) \times T(7) + T(6).$
540 $:= F(4) \times (F(9) + F(3)) \times F(5) = T(4) \times T(9) + T(3) \times T(5).$
546 $:= (F(3) + F(6) \times F(5)) \times F(7) = T(3) \times T(6) + T(5) \times T(7).$
615 $:= F(4) + (F(7) + F(5)) \times F(9) = (T(4) + T(7)) \times T(5) + T(9).$
624 $:= (F(5) + F(1)) \times F(7) \times F(6) = T(5) + (T(1) + T(7)) \times T(6).$

630 $:= F(4) \times (F(3) + F(6)) \times F(8) \quad = T(4) \times (T(3) + T(6) + T(8)).$
640 $:= (F(4) + F(7)) \times F(5) \times F(6) \quad = T(4) \times (T(7) + T(5) + T(6)).$
783 $:= F(2) + (F(3) + F(8)) \times F(9) \quad = T(2) \times (T(3) \times T(8) + T(9)).$
825 $:= F(5) \times F(4) \times (F(8) + F(9)) \quad = T(5) + T(4) \times (T(8) + T(9)).$
832 $:= (F(2) + F(4) \times F(8)) \times F(7) \quad = (T(2) + T(4)) \times (T(8) + T(7)).$
840 $:= (F(4) + F(8)) \times (F(2) + F(9)) = T(4) \times (T(8) + T(2) + T(9)).$

2145 $:= (F(2) + F(8) \times F(9)) \times F(4) = (T(2) + T(8)) \times (T(9) + T(4)).$
2205 $:= F(4) \times F(8) \times (F(2) + F(9)) = (T(4) + T(8) + T(2)) \times T(9).$
2346 $:= F(4) \times (F(8) + F(3)) \times F(9) = (T(4) + T(8)) \times (T(3) + T(9)).$
2352 $:= (F(2) + F(7)) \times F(6) \times F(8) = T(2) \times (T(7) + T(6) \times T(8)).$

3.2   Positive and Negative Signs Expressions

$$\mathbf{3} := F(2) + F(3) \quad = -T(2) + T(3).$$
$$\mathbf{8} := -F(7) + F(8) = -T(7) + T(8).$$
$$\mathbf{11} := F(4) + F(6) \quad = -T(4) + T(6).$$

$$\mathbf{1} := -F(2) \times F(3) + F(4) = -T(2) - T(3) + T(4).$$
$$:= F(3) \times F(4) - F(5) \quad = T(3) + T(4) - T(5).$$

$$2 := F(1) \times F(2) \times F(3) \quad = -T(1) - T(2) + T(3).$$
$$:= -F(2) \times F(4) + F(5) = -T(2) - T(4) + T(5).$$

$$3 := (-F(1) + F(3)) \times F(4) = -T(1) - T(3) + T(4).$$
$$:= -F(2) \times F(3) + F(5) \quad = T(2) \times T(3) - T(5).$$
$$:= -F(2) \times F(5) + F(6) \quad = -T(2) - T(5) + T(6).$$
$$:= F(4) \times (-F(1) + F(3)) = T(4) - T(1) - T(3).$$

$$4 := -F(1) + F(3) + F(4) = -T(1) \times T(3) + T(4).$$
$$:= -F(2) - F(6) + F(7) = -T(2) - T(6) + T(7).$$

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

$$6 := (F(1) + F(2)) \times F(4) \quad = -T(1) - T(2) + T(4).$$
$$:= F(1) - F(6) + F(7) \quad = -T(1) - T(6) + T(7).$$
$$:= -F(2) + F(3) + F(5) = -T(2) - T(3) + T(5).$$

$$7 := -F(1) - F(7) + F(8) = -T(1) - T(7) + T(8).$$
$$:= F(2) + F(3) \times F(4) \quad = T(2) - T(3) + T(4).$$

$$8 := -F(1) \times F(7) + F(8) = -T(1) \times T(7) + T(8).$$
$$:= F(1) + F(3) + F(5) \quad = -T(1) - T(3) + T(5).$$
$$:= F(2) \times F(4) + F(5) \quad = T(2) - T(4) + T(5).$$

$$9 := -F(1) + F(3) \times F(5) = -T(1) \times T(3) + T(5).$$
$$:= F(1) - F(7) + F(8) \quad = T(1) - T(7) + T(8).$$

$$10 := F(1) \times F(3) \times F(5) \quad = T(1) - T(3) + T(5).$$
$$:= -F(1) + F(4) + F(6) = -T(1) - T(4) + T(6).$$
$$:= -F(2) - F(3) + F(7) = -T(2) \times T(3) + T(7).$$

$$11 := F(1) \times F(4) + F(6) = -T(1) \times T(4) + T(6).$$
$$:= F(3) \times F(4) + F(5) = T(3) - T(4) + T(5).$$

$$12 := (F(2) + F(5)) \times F(3) \quad = T(2) + T(5) - T(3).$$
$$:= F(1) + F(4) + F(6) \quad = T(1) - T(4) + T(6).$$
$$:= -F(2) - F(6) + F(8) = -T(2) - T(6) + T(8).$$
$$:= -F(2) - F(8) + F(9) = T(2) - T(8) + T(9).$$
$$:= F(3) - F(4) + F(7) \quad = -T(3) - T(4) + T(7).$$

14 $:= (-F(1) + F(6)) \times F(3) = -T(1) + T(6) - T(3).$
    $:= F(1) - F(6) + F(8) \qquad = -T(1) - T(6) + T(8).$

15 $:= (F(2) \times F(4)) \times F(5) = T(2) \times T(4) - T(5).$
    $:= -F(1) + F(3) \times F(6) = -T(1) \times T(3) + T(6).$
    $:= -F(2) + F(4) + F(7) = -T(2) - T(4) + T(7).$
    $:= F(3) - F(8) + F(9) \quad = T(3) - T(8) + T(9).$

16 $:= F(1) \times F(3) \times F(6) = T(1) - T(3) + T(6).$
    $:= F(4) + F(5) + F(6) = T(4) - T(5) + T(6).$

17 $:= F(1) + F(4) + F(7) \quad = -T(1) - T(4) + T(7).$
    $:= -F(2) + F(5) + F(7) = T(2) \times T(5) - T(7).$

18 $:= -F(2) - F(3) + F(8) = -T(2) \times T(3) + T(8).$
    $:= F(3) \times (F(2) + F(6)) = -T(3) + T(2) + T(6).$
    $:= -F(3) \times F(6) + F(9) = -T(3) - T(6) + T(9).$
    $:= -F(3) - F(2) + F(8) = -T(3) \times T(2) + T(8).$
    $:= F(4) \times F(7) - F(8) \quad = T(4) - T(7) + T(8).$

20 $:= -F(2) - F(7) + F(9) = T(2) - T(7) + T(9).$
    $:= F(3) - F(4) + F(8) \quad = -T(3) - T(4) + T(8).$

21 $:= F(2) \times F(6) + F(7) = T(2) \times (-T(6) + T(7)).$

23 $:= -F(2) + F(4) + F(8) = -T(2) - T(4) + T(8).$
    $:= F(3) - F(7) + F(9) \quad = T(3) - T(7) + T(9).$

24 $:= (F(2) + F(3)) \times F(6) \quad = -T(2) + T(3) + T(6).$
    $:= -F(3) \times F(5) + F(9) = -T(3) - T(5) + T(9).$
    $:= -F(5) \times F(3) + F(9) = -T(5) - T(3) + T(9).$

25 $:= F(1) + F(4) + F(8) \quad = -T(1) - T(4) + T(8).$
    $:= -F(1) - F(6) + F(9) = T(1) - T(6) + T(9).$
    $:= -F(2) + F(3) \times F(7) = T(2) - T(3) + T(7).$

26 $:= (F(1) + F(2)) \times F(7) = T(1) - T(2) + T(7).$
27 $:= F(2) - F(6) + F(9) \quad = T(2) - T(6) + T(9).$

$$\mathbf{29} := -F(1) \times F(5) + F(9) = -T(1) - T(5) + T(9).$$
$$:= -F(3) - F(4) + F(9) = -T(3) - T(4) + T(9).$$

$$\mathbf{30} := (F(3) \times F(4)) \times F(5) \quad = T(3) \times (-T(4) + T(5)).$$
$$:= F(1) - F(5) + F(9) \qquad = -T(1) \times T(5) + T(9).$$
$$:= F(5) \times (-F(3) + F(6)) = T(5) - T(3) + T(6).$$

$$\mathbf{32} := F(2) - F(4) + F(9) \quad = -T(2) - T(4) + T(9).$$
$$:= F(3) \times (F(4) + F(7)) = T(3) \times T(4) - T(7).$$

$$\mathbf{35} := (-F(1) + F(6)) \times F(5) = -T(1) + T(6) + T(5).$$

$$\mathbf{36} := -F(1) + F(4) + F(9) = T(1) - T(4) + T(9).$$
$$:= F(2) \times F(3) + F(9) \quad = -T(2) - T(3) + T(9).$$

$$\mathbf{38} := -F(1) + F(4) \times F(7) = T(1) \times T(4) + T(7).$$
$$:= F(2) + F(4) + F(9) \quad = T(2) - T(4) + T(9).$$

$$\mathbf{39} := -F(2) + F(5) \times F(6) = T(2) + T(5) + T(6).$$
$$\mathbf{41} := -F(1) + F(3) \times F(8) = -T(1) + T(3) + T(8).$$
$$\mathbf{42} := F(3) \times (F(6) + F(7)) \; = T(3) \times (-T(6) + T(7)).$$
$$\mathbf{48} := (F(5) + F(2)) \times F(6) \; = -T(5) + T(2) \times T(6).$$

$$\mathbf{60} := F(3) \times F(9) - F(6) \qquad = -T(3) + T(9) + T(6).$$
$$\mathbf{63} := F(4) \times (-F(7) + F(9)) = -T(4) + T(7) + T(9).$$
$$\mathbf{64} := (-F(5) + F(7)) \times F(6) = T(5) + T(7) + T(6).$$
$$\mathbf{91} := (-F(2) + F(6)) \times F(7) = T(2) \times T(6) + T(7).$$

$$\mathbf{105} := (F(2) + F(9)) \times F(4) = T(2) \times (T(9) - T(4)).$$
$$:= F(5) \times (F(6) + F(7)) = T(5) \times (-T(6) + T(7)).$$

$$\mathbf{180} := (F(3) + F(9)) \times F(5) = T(3) \times (T(9) - T(5)).$$

$$\mathbf{0} := F(1) \times F(3) - F(5) + F(4) \quad = T(1) - T(3) + T(5) - T(4).$$
$$:= (F(1) - F(3) + F(2)) \times F(5) = (T(1) - T(3)) \times T(2) + T(5).$$
$$:= (F(2) - F(4) + F(3)) \times F(8) = T(2) \times T(4) + T(3) - T(8).$$
$$:= F(1) \times F(2) + F(3) - F(4) \quad = T(1) + T(2) + T(3) - T(4).$$
$$:= F(1) + F(3) + F(5) - F(6) \quad = T(1) \times T(3) + T(5) - T(6).$$
$$:= (F(2) + F(3) - F(4)) \times F(7) = T(2) \times T(3) + T(4) - T(7).$$
$$:= F(2) + F(3) + F(5) - F(6) \quad = T(2) \times (T(3) + T(5) - T(6)).$$

$$\mathbf{0} := F(3) \times F(6) + F(5) - F(8) \quad = (T(3) - T(6) + T(5)) \times T(8).$$
$$:= (F(3) + F(4) - F(5)) \times F(9) = -T(3) \times T(4) + T(5) + T(9).$$
$$:= (F(4) + F(3) - F(5)) \times F(6) = T(4) \times (T(3) + T(5) - T(6)).$$
$$:= (F(4) + F(5) - F(6)) \times F(8) = T(4) \times (T(5) + T(6) - T(8)).$$
$$:= F(5) + F(6) + F(8) - F(9) \quad = (T(5) + T(6) - T(8)) \times T(9).$$
$$:= F(3) \times (F(5) + F(6) - F(7)) = (T(3) + T(5) - T(6)) \times T(7).$$
$$:= F(5) \times (F(6) - F(8) + F(7)) = (T(5) + T(6) - T(8)) \times T(7).$$

$$\mathbf{1} := -F(1) \times F(3) + F(6) - F(5) \quad = T(1) + T(3) - T(6) + T(5).$$
$$:= (F(1) + F(2)) \times F(4) - F(5) \quad = -T(1) - T(2) - T(4) + T(5).$$
$$:= F(1) + F(2) + F(3) - F(4) \quad = -T(1) \times T(2) - T(3) + T(4).$$
$$:= F(1) + F(3) + F(4) - F(5) \quad = T(1) \times T(3) + T(4) - T(5).$$
$$:= (-F(1) + F(6)) \times F(3) - F(7) = -T(1) \times T(6) - T(3) + T(7).$$
$$:= F(2) + F(4) + F(5) - F(6) \quad = -T(2) + T(4) + T(5) - T(6).$$
$$:= -(F(2) + F(5)) \times F(3) + F(7) = -(T(2) \times (T(5) - T(3))) + T(7).$$

$$\mathbf{1} := F(2) + F(6) + F(7) - F(8) \quad = -T(2) \times T(6) + T(7) + T(8).$$
$$:= -F(3) - F(5) - F(7) + F(8) \quad = -T(3) + T(5) + T(7) - T(8).$$
$$:= (F(3) - F(7)) \times F(4) + F(9) \quad = -T(3) - T(7) - T(4) + T(9).$$
$$:= -(F(4) + F(2)) \times F(5) + F(8) = T(4) - T(2) \times T(5) + T(8).$$
$$:= F(7) + F(2) + F(8) - F(9) \quad = T(7) + T(2) \times (T(8) - T(9)).$$
$$:= F(3) \times (F(4) + F(6)) - F(8) \quad = T(3) + T(4) + T(6) - T(8).$$

$$\mathbf{2} := -F(1) \times F(2) \times F(4) + F(5) = -T(1) \times T(2) - T(4) + T(5).$$
$$:= -F(1) \times F(2) - F(3) + F(5) = -T(1) + T(2) \times T(3) - T(5).$$
$$:= F(1) \times F(4) \times F(5) - F(7) \quad = -T(1) - T(4) - T(5) + T(7).$$
$$:= -F(1) \times F(4) - F(6) + F(7) = -T(1) + T(4) + T(6) - T(7).$$
$$:= (F(1) + F(2)) \times F(5) - F(6) = -T(1) - T(2) - T(5) + T(6).$$
$$:= -F(1) - F(3) - F(6) + F(7) = T(1) - T(3) - T(6) + T(7).$$
$$:= (F(1) - F(3)) \times F(4) + F(5) = T(1) + T(3) + T(4) - T(5).$$
$$:= -F(2) - F(3) - F(4) + F(6) = -T(2) - T(3) - T(4) + T(6).$$

$$\mathbf{2} := -F(2) - F(3) - F(6) + F(7) \quad = T(2) + T(3) + T(6) - T(7).$$
$$:= -F(3) \times F(4) - F(5) + F(7) \quad = T(3) \times (-T(4) + T(5)) - T(7).$$
$$:= F(3) + F(4) + F(5) - F(6) \quad = T(3) - T(4) - T(5) + T(6).$$
$$:= F(3) + F(5) + F(6) - F(7) \quad = -T(3) + T(5) + T(6) - T(7).$$
$$:= -F(4) - F(6) - F(8) + F(9) \quad = -T(4) + T(6) + T(8) - T(9).$$
$$:= (F(1) + F(2)) \times (-F(3) + F(4)) = T(1) - T(2) - T(3) + T(4).$$
$$:= -F(2) + F(4) \times F(6) - F(8) \quad = -T(2) - T(4) - T(6) + T(8).$$
$$:= (F(2) - F(3)) \times (-F(5) + F(4)) = T(2) - T(3) + T(5) - T(4).$$

$$3 := -F(1) \times F(2) \times F(3) + F(5) \quad = T(1) \times T(2) \times T(3) - T(5).$$
$$:= -F(1) \times F(2) \times F(5) + F(6) \quad = -T(1) \times T(2) - T(5) + T(6).$$
$$:= F(1) \times F(2) - F(4) + F(5) \quad = T(1) - T(2) - T(4) + T(5).$$
$$:= -F(1) - F(2) - F(6) + F(7) \quad = -T(1) - T(2) - T(6) + T(7).$$
$$:= (-F(1) + F(7)) \times F(3) - F(8) = T(1) - T(7) - T(3) + T(8).$$
$$:= (F(1) - F(4)) \times F(5) + F(7) \quad = -T(1) \times T(4) - T(5) + T(7).$$
$$:= F(1) - F(4) - F(6) + F(7) \quad = T(1) \times T(4) + T(6) - T(7).$$
$$:= -F(2) \times F(3) - F(6) + F(7) \quad = T(2) \times (-T(3) - T(6) + T(7)).$$
$$:= F(2) \times F(4) \times F(6) - F(8) \quad = T(2) \times (T(4) - T(6)) + T(8).$$
$$:= -F(2) \times F(4) - F(3) + F(6) \quad = T(2) \times T(4) - T(3) - T(6).$$

$$3 := -F(2) \times F(5) - F(7) + F(8) \quad = T(2) \times (-T(5) + T(7)) - T(8).$$
$$:= (F(2) + F(3)) \times F(6) - F(8) \quad = T(2) \times T(3) + T(6) - T(8).$$
$$:= (F(2) - F(3)) \times F(5) + F(6) \quad = T(2) + T(3) + T(5) - T(6).$$
$$:= -F(2) + F(3) - F(4) + F(5) \quad = T(2) \times (T(3) + T(4) - T(5)).$$
$$:= -F(3) - F(4) - F(5) + F(7) \quad = T(3) + T(4) + T(5) - T(7).$$
$$:= F(4) + F(6) + F(7) - F(8) \quad = -T(4) + T(6) + T(7) - T(8).$$
$$:= F(3) \times (F(4) - F(6)) + F(7) \quad = T(3) - T(4) - T(6) + T(7).$$
$$:= F(4) \times (F(3) - F(6)) + F(8) \quad = T(4) \times T(3) - T(6) - T(8).$$
$$:= F(4) \times (-F(5) + F(7)) - F(8) = T(4) - T(5) - T(7) + T(8).$$

$$4 := -F(1) \times F(2) - F(6) + F(7) \quad = -T(1) \times T(2) - T(6) + T(7).$$
$$:= F(1) \times F(2) - F(3) + F(5) \quad = T(1) + T(2) \times T(3) - T(5).$$
$$:= F(1) \times F(2) - F(5) + F(6) \quad = T(1) - T(2) - T(5) + T(6).$$
$$:= -F(1) - F(2) - F(3) + F(6) \quad = T(1) - T(2) \times T(3) + T(6).$$
$$:= -F(1) - F(4) - F(5) + F(7) \quad = T(1) - T(4) - T(5) + T(7).$$
$$:= (-F(1) + F(5)) \times F(4) - F(6) = T(1) \times T(5) + T(4) - T(6).$$
$$:= F(1) - F(3) - F(4) + F(6) \quad = -T(1) - T(3) - T(4) + T(6).$$

$$4 := (F(2) + F(3)) \times F(4) - F(5) \quad = T(2) + T(3) + T(4) - T(5).$$
$$:= F(2) - F(3) - F(6) + F(7) \quad = T(2) - T(3) - T(6) + T(7).$$
$$:= F(2) - F(5) - F(7) + F(8) \quad = -T(2) + T(5) + T(7) - T(8).$$
$$:= -(F(3) + F(2)) \times F(4) + F(7) = T(3) - T(2) \times T(4) + T(7).$$
$$:= F(1) + F(4) \times F(6) - F(8) \quad = -T(1) - T(4) - T(6) + T(8).$$
$$:= F(2) - F(3) \times F(5) + F(7) \quad = -T(2) - T(3) - T(5) + T(7).$$
$$:= -F(2) + F(4) \times F(7) - F(9) \quad = -T(2) - T(4) - T(7) + T(9).$$

$$\mathbf{5} := -F(1) \times F(2) \times F(6) + F(7) \quad = T(1) - T(2) - T(6) + T(7).$$
$$:= (F(1) + F(2)) \times F(7) - F(8) \quad = -T(1) \times T(2) - T(7) + T(8).$$
$$:= (-F(1) - F(2) + F(4)) \times F(5) = (-T(1) + T(2)) \times T(4) - T(5).$$
$$:= F(1) + F(3) - F(2) + F(4) \quad = (-T(1) + T(3)) \times T(2) - T(4).$$
$$:= (F(1) - F(3)) \times F(4) + F(6) \quad = -T(1) \times T(3) - T(4) + T(6).$$
$$:= (F(1) - F(4)) \times F(6) + F(8) \quad = -T(1) \times T(4) - T(6) + T(8).$$
$$:= -F(1) + F(4) - F(5) + F(6) \quad = T(1) + T(4) + T(5) - T(6).$$

$$\mathbf{5} := -F(2) \times F(4) - F(7) + F(8) \quad = T(2) + T(4) + T(7) - T(8).$$
$$:= -F(2) - F(3) - F(5) + F(7) \quad = T(2) \times T(3) + T(5) - T(7).$$
$$:= -F(2) - F(3) - F(7) + F(8) \quad = T(2) - T(3) - T(7) + T(8).$$
$$:= F(3) \times F(8) - F(4) - F(9) \quad = T(3) - T(8) - T(4) + T(9).$$
$$:= -F(1) - F(2) + F(3) + F(5) \quad = -T(1) - T(2) - T(3) + T(5).$$
$$:= -F(3) \times (F(4) + F(5)) + F(8) = -T(3) - T(4) - T(5) + T(8).$$

$$\mathbf{6} := F(1) \times F(2) + F(4) + F(3) \quad = -T(1) + T(2) + T(4) - T(3).$$
$$:= -F(1) \times F(3) - F(5) + F(7) = -T(1) - T(3) - T(5) + T(7).$$
$$:= -F(1) \times F(4) + F(2) + F(6) = (-T(1) + T(4)) \times T(2) - T(6).$$
$$:= -F(1) - F(2) - F(7) + F(8) = T(1) - T(2) - T(7) + T(8).$$
$$:= -F(1) - F(3) + F(2) + F(6) = (T(1) - T(3)) \times T(2) + T(6).$$
$$:= (F(1) + F(6)) \times F(4) - F(8) = T(1) - T(6) - T(4) + T(8).$$
$$:= -F(1) + F(3) - F(4) + F(6) = T(1) - T(3) - T(4) + T(6).$$

$$\mathbf{6} := -F(2) \times F(3) - F(7) + F(8) \quad = T(2) \times (-T(3) - T(7) + T(8)).$$
$$:= F(2) \times F(4) - F(5) + F(6) \quad = -T(2) \times T(4) + T(5) + T(6).$$
$$:= F(2) \times F(5) \times F(6) - F(9) \quad = -T(2) - T(5) - T(6) + T(9).$$
$$:= F(2) + F(3) - F(5) + F(6) \quad = T(2) \times (-T(3) + T(5)) - T(6).$$
$$:= (-F(2) + F(8)) \times F(3) - F(9) = T(2) - T(8) - T(3) + T(9).$$
$$:= F(2) - F(4) - F(5) + F(7) \quad = T(2) - T(4) - T(5) + T(7).$$
$$:= F(2) - F(4) - F(7) + F(8) \quad = T(2) \times (T(4) + T(7) - T(8)).$$
$$:= (F(3) + F(4)) \times F(6) - F(9) \quad = -T(3) \times T(4) + T(6) + T(9).$$

$$\mathbf{6} := -(F(3) + F(5)) \times F(2) + F(7) \quad = T(3) \times T(5) - T(2) \times T(7).$$
$$:= -F(3) - F(5) - F(6) + F(8) \quad = T(3) + T(5) + T(6) - T(8).$$
$$:= -F(6) + F(2) - F(8) + F(9) \quad = -T(6) + T(2) \times (-T(8) + T(9)).$$
$$:= F(1) + F(4) \times F(7) - F(9) \quad = -T(1) - T(4) - T(7) + T(9).$$
$$:= (F(1) + F(2)) \times (-F(3) + F(5)) = -T(1) \times T(2) - T(3) + T(5).$$
$$:= F(2) - F(3) \times F(6) + F(8) \quad = -T(2) - T(3) - T(6) + T(8).$$
$$:= F(3) \times (-F(8) + F(4) \times F(6)) \quad = T(3) \times T(8) - T(4) \times T(6).$$

$$\mathbf{7} := -F(1) \times F(2) + F(4) + F(5) = -T(1) + T(2) - T(4) + T(5).$$
$$:= F(1) + F(2) + F(3) + F(4) \quad = T(1) \times T(2) - T(3) + T(4).$$
$$:= F(1) + F(2) - F(4) + F(6) \quad = -T(1) - T(2) - T(4) + T(6).$$
$$:= F(1) + F(3) - F(2) + F(5) \quad = T(1) - T(3) - T(2) + T(5).$$
$$:= -F(1) - F(5) - F(8) + F(9) = T(1) + T(5) + T(8) - T(9).$$
$$:= F(1) - F(3) - F(5) + F(7) \quad = -T(1) \times T(3) - T(5) + T(7).$$
$$:= F(2) \times F(3) - F(4) + F(6) \quad = T(2) \times T(3) + T(4) - T(6).$$
$$:= F(2) + F(4) - F(5) + F(6) \quad = T(2) + T(4) + T(5) - T(6).$$
$$:= F(2) - F(3) + F(4) + F(5) \quad = -T(2) \times T(3) + T(4) + T(5).$$
$$:= -F(3) \times F(4) - F(8) + F(9) = T(3) + T(4) + T(8) - T(9).$$
$$:= (F(4) + F(2)) \times F(5) - F(7) = -T(4) + T(2) \times T(5) - T(7).$$

$$\mathbf{8} := F(1) \times F(2) \times F(4) + F(5) \quad = T(1) \times T(2) - T(4) + T(5).$$
$$:= (-F(1) - F(2) + F(4)) \times F(6) = -T(1) \times T(2) - T(4) + T(6).$$
$$:= -F(1) - F(2) - F(4) + F(7) \quad = (T(1) - T(2)) \times T(4) + T(7).$$
$$:= (F(1) - F(3)) \times F(5) + F(7) \quad = T(1) - T(3) - T(5) + T(7).$$
$$:= (F(1) - F(4)) \times F(7) + F(9) \quad = T(1) - T(4) - T(7) + T(9).$$
$$:= -F(2) \times F(3) \times F(7) + F(9) \quad = -T(2) - T(3) - T(7) + T(9).$$
$$:= -F(2) \times F(4) - F(3) + F(7) \quad = T(2) \times T(4) + T(3) - T(7).$$
$$:= (F(2) \times F(4) - F(3)) \times F(6) \quad = T(2) - T(4) - T(3) + T(6).$$

$$\mathbf{8} := (-F(2) + F(3)) \times F(4) + F(5) = -T(2) + T(3) - T(4) + T(5).$$
$$:= ((F(3) - F(4)) \times F(7)) + F(8) \quad = T(3) + T(4) + T(7) - T(8).$$
$$:= -F(3) + F(5) - F(6) + F(7) \quad = T(3) \times (-T(5) + T(6)) - T(7).$$
$$:= (-F(4) - F(2) + F(5)) \times F(6) = -T(4) + T(2) \times (-T(5) + T(6)).$$
$$:= (F(4) - F(5)) \times F(7) + F(9) \quad = T(4) + T(5) + T(7) - T(9).$$
$$:= F(1) + F(2) + F(3) \times F(4) \quad = T(1) + T(2) - T(3) + T(4).$$
$$:= -F(3) - F(4) \times F(6) + F(9) \quad = -T(3) - T(4) - T(6) + T(9).$$

$$\mathbf{9} := (F(1) \times F(2) + F(3)) \times F(4) = T(1) + T(2) \times T(3) - T(4).$$
$$:= F(1) \times F(2) + F(4) + F(5) \quad = T(1) + T(2) - T(4) + T(5).$$
$$:= -F(1) \times F(2) + F(3) + F(6) = (T(1) - T(2)) \times T(3) + T(6).$$
$$:= F(1) \times F(2) - F(5) + F(7) \quad = -T(1) - T(2) - T(5) + T(7).$$
$$:= F(1) + F(2) + F(3) + F(5) \quad = (T(1) + T(2)) \times T(3) - T(5).$$
$$:= -F(1) - F(2) - F(3) + F(7) = -T(1) - T(2) \times T(3) + T(7).$$
$$:= -F(1) - F(2) + F(4) + F(6) = T(1) \times T(2) \times T(4) - T(6).$$

$$\mathbf{9} := -F(1) + F(5) - F(6) + F(7) \quad = T(1) + T(5) + T(6) - T(7).$$
$$:= -F(2) \times F(3) + F(4) + F(6) \quad = (-T(2) + T(3)) \times T(4) - T(6).$$
$$:= F(2) + F(4) - F(6) + F(7) \quad\quad = T(2) \times (T(4) + T(6) - T(7)).$$
$$:= -(F(2) + F(5)) \times F(3) + F(8) = -T(2) \times (T(5) - T(3)) + T(8).$$
$$:= F(2) - F(3) - F(4) + F(7) \quad\quad = -T(2) - T(3) - T(4) + T(7).$$
$$:= F(2) - F(5) - F(8) + F(9) \quad\quad = T(2) + T(5) + T(8) - T(9).$$
$$:= F(3) \times F(4) \times F(5) - F(8) \quad = T(3) \times T(4) - T(5) - T(8).$$

$$\mathbf{9} := F(3) \times F(4) - F(5) + F(6) \quad\quad = T(3) \times (-T(4) + T(5)) - T(6).$$
$$:= -F(3) - F(5) + F(4) + F(7) \quad\quad = T(3) - T(5) - T(4) + T(7).$$
$$:= F(2) \times F(4) \times (-F(3) + F(5)) \quad = T(2) \times T(4) - T(3) - T(5).$$
$$:= F(2) + F(3) \times F(8) - F(9) \quad\quad = T(2) \times T(3) + T(8) - T(9).$$
$$:= (F(2) + F(3)) \times (-F(5) + F(6)) = -T(2) + T(3) - T(5) + T(6).$$
$$:= F(3) \times (F(4) + F(6)) - F(7) \quad\quad = T(3) + T(4) + T(6) - T(7).$$
$$:= F(4) \times (F(2) - F(5)) + F(8) \quad\quad = T(4) \times T(2) + T(5) - T(8).$$

$$\mathbf{10} := -F(1) \times F(2) - F(3) + F(7) = -T(1) \times T(2) \times T(3) + T(7).$$
$$:= F(1) \times F(3) + F(4) + F(5) \quad\quad = -T(1) + T(3) - T(4) + T(5).$$
$$:= F(1) + F(2) + F(4) + F(5) \quad\quad = (T(1) - T(2)) \times (T(4) - T(5)).$$
$$:= F(1) + F(2) - F(5) + F(7) \quad\quad = -T(1) \times T(2) - T(5) + T(7).$$
$$:= F(1) + F(2) - F(7) + F(8) \quad\quad = -T(1) + T(2) - T(7) + T(8).$$
$$:= -F(1) - F(3) - F(6) + F(8) = T(1) - T(3) - T(6) + T(8).$$
$$:= F(2) \times F(3) - F(5) + F(7) \quad\quad = T(2) - T(3) - T(5) + T(7).$$
$$:= F(2) \times F(3) - F(7) + F(8) \quad\quad = T(2) \times T(3) + T(7) - T(8).$$

$$\mathbf{10} := F(2) \times F(5) - F(6) + F(7) \quad\quad = T(2) \times (T(5) - T(6)) + T(7).$$
$$:= (-F(3) \times F(4) + F(6)) \times F(5) \quad = T(3) + T(4) - T(6) + T(5).$$
$$:= F(4) + F(3) - F(6) + F(7) \quad\quad = T(4) \times (-T(3) - T(6) + T(7)).$$
$$:= (F(1) + F(2)) \times (-F(4) + F(6)) = T(1) + T(2) \times T(4) - T(6).$$
$$:= (F(1) + F(2)) \times (-F(6) + F(7)) = T(1) \times T(2) - T(6) + T(7).$$
$$:= (F(2) \times F(3)) \times (-F(6) + F(7)) = -T(2) + T(3) - T(6) + T(7).$$
$$:= F(3) \times (F(1) - F(7)) + F(9) \quad\quad = -T(3) - T(1) - T(7) + T(9).$$
$$:= F(3) \times (-F(9) + F(4) \times F(7)) \quad = -T(3) \times T(9) + T(4) \times T(7).$$

$$\mathbf{11} := -F(1) \times F(2) \times F(3) + F(7) = T(1) - T(2) \times T(3) + T(7).$$
$$:= F(1) \times F(2) + F(3) + F(6) \quad\quad = -T(1) - T(2) - T(3) + T(6).$$
$$:= -F(1) \times F(3) + F(5) + F(6) = -T(1) + T(3) - T(5) + T(6).$$
$$:= -F(1) - F(2) - F(6) + F(8) = -T(1) - T(2) - T(6) + T(8).$$
$$:= -F(1) - F(2) - F(8) + F(9) = -T(1) + T(2) - T(8) + T(9).$$
$$:= F(1) + F(3) + F(4) + F(5) \quad\quad = T(1) \times T(3) - T(4) + T(5).$$
$$:= -F(1) + F(3) - F(4) + F(7) = -T(1) - T(3) - T(4) + T(7).$$
$$:= (F(1) - F(4)) \times F(5) + F(8) \quad = -T(1) \times T(4) - T(5) + T(8).$$

$11 := (F(2) + F(3)) \times F(6) - F(7) = T(2) \times T(3) + T(6) - T(7).$

$:= F(2) + F(3) - F(7) + F(8) \quad = -T(2) + T(3) - T(7) + T(8).$

$:= F(2) + F(5) - F(6) + F(7) \quad = T(2) + T(5) + T(6) - T(7).$

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

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

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

$:= F(1) \times F(2) + F(3) \times F(5) \quad = -T(1) + T(2) - T(3) + T(5).$

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

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

$12 := -F(1) \times F(2) - F(6) + F(8) = -T(1) \times T(2) - T(6) + T(8).$

$:= -F(1) \times F(2) - F(8) + F(9) = T(1) \times T(2) - T(8) + T(9).$

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

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

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

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

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

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

$12 := -F(1) - F(4) - F(5) + F(8) \quad = T(1) - T(4) - T(5) + T(8).$

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

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

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

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

$:= F(2) - F(3) + F(5) + F(6) \quad\quad = T(2) \times T(3) + T(5) - T(6).$

$:= F(2) - F(3) - F(6) + F(8) \quad\quad = T(2) - T(3) - T(6) + T(8).$

$:= F(2) - F(3) - F(8) + F(9) \quad\quad = -T(2) + T(3) - T(8) + T(9).$

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

$12 := (-F(3) + F(7)) \times F(4) - F(8) = -T(3) - T(7) + T(4) + T(8).$

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

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

$:= F(1) + F(2) + F(3) \times F(5) \quad = T(1) \times T(2) - T(3) + T(5).$

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

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

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

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

$$13 := -F(1) \times F(2) \times F(6) + F(8) \quad = T(1) - T(2) - T(6) + T(8).$$
$$:= -F(1) \times F(2) \times F(8) + F(9) \quad = T(1) + T(2) - T(8) + T(9).$$
$$:= (F(1) \times F(3) - F(2)) \times F(7) \quad = (T(1) - T(3)) \times T(2) + T(7).$$
$$:= F(1) + F(2) + F(4) + F(6) \quad = -T(1) + T(2) - T(4) + T(6).$$
$$:= (-F(1) + F(3)) \times F(5) + F(6) = T(1) + T(3) - T(5) + T(6).$$
$$:= (F(1) - F(6)) \times F(4) + F(9) \quad = -T(1) - T(6) - T(4) + T(9).$$
$$:= F(2) \times F(3) + F(4) + F(6) \quad = -T(2) \times T(3) + T(4) + T(6).$$

$$13 := (-F(2) - F(4) + F(5)) \times F(7) \quad = -T(2) \times T(4) + T(5) + T(7).$$
$$:= F(3) \times F(7) + F(8) - F(9) \quad = -T(3) + T(7) + T(8) - T(9).$$
$$:= (F(3) - F(4)) \times F(8) + F(9) \quad = -T(3) + T(4) - T(8) + T(9).$$
$$:= F(4) \times F(7) - F(5) - F(8) \quad = -T(4) - T(7) + T(5) + T(8).$$
$$:= -F(1) - F(3) + F(4) + F(7) \quad = T(1) - T(3) - T(4) + T(7).$$
$$:= -F(2) \times F(3) + F(4) \times F(5) \quad = T(2) \times T(3) + T(4) - T(5).$$
$$:= F(1) + (F(2) + F(5)) \times F(3) \quad = T(1) + T(2) + T(5) - T(3).$$
$$:= -F(1) + F(3) \times (-F(2) + F(6)) = T(1) - T(3) - T(2) + T(6).$$

$$14 := -F(1) \times F(3) - F(5) + F(8) = -T(1) - T(3) - T(5) + T(8).$$
$$:= (F(1) + F(2)) \times F(4) + F(6) \quad = T(1) \times T(2) - T(4) + T(6).$$
$$:= -F(1) - F(2) + F(4) + F(7) = -T(1) - T(2) - T(4) + T(7).$$
$$:= -F(1) + F(3) - F(8) + F(9) = -T(1) + T(3) - T(8) + T(9).$$
$$:= F(2) \times F(4) - F(3) + F(7) \quad = (-T(2) + T(4)) \times T(3) - T(7).$$
$$:= (F(2) + F(3)) \times F(4) + F(5) \quad = T(2) + T(3) - T(4) + T(5).$$
$$:= F(2) + F(3) + F(4) + F(6) \quad = -T(2) + T(3) - T(4) + T(6).$$

$$14 := F(2) - F(4) - F(5) + F(8) \quad = T(2) - T(4) - T(5) + T(8).$$
$$:= -F(3) - F(5) + F(6) + F(7) \quad = T(3) + T(5) + T(6) - T(7).$$
$$:= -F(1) \times F(2) + F(4) \times F(5) \quad = -T(1) + T(2) \times T(4) - T(5).$$
$$:= -F(1) - F(3) \times F(4) + F(8) \quad = (-T(1) + T(3)) \times T(4) - T(8).$$
$$:= F(4) \times (-F(5) + F(8)) - F(9) \quad = -T(4) + T(5) - T(8) + T(9).$$
$$:= (F(4) - F(5)) \times (F(2) - F(6)) \quad = -T(4) + T(5) \times T(2) - T(6).$$
$$:= -F(2) + F(4) \times (-F(6) + F(7)) = -T(2) + T(4) - T(6) + T(7).$$
$$:= F(3) \times (-F(1) - F(7) + F(8)) \quad = T(3) \times T(1) - T(7) + T(8).$$

$15 := F(1) \times F(2) \times F(4) \times F(5) \quad\quad = T(1) \times T(2) \times T(4) - T(5).$

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

$\quad := F(1) \times F(3) - F(8) + F(9) \quad\quad = T(1) \times T(3) - T(8) + T(9).$

$\quad := F(1) - F(3) - F(5) + F(8) \quad\quad = -T(1) \times T(3) - T(5) + T(8).$

$\quad := -F(1) + F(4) + F(5) + F(6) \quad\quad = -T(1) + T(4) - T(5) + T(6).$

$\quad := F(2) \times F(3) + F(5) + F(6) \quad\quad = T(2) + T(3) - T(5) + T(6).$

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

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

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

$\quad := F(2) - F(3) + F(4) + F(7) \quad\quad = T(2) - T(3) - T(4) + T(7).$

$15 := -F(2) + F(4) - F(6) + F(8) \quad\quad = T(2) \times T(4) + T(6) - T(8).$

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

$\quad := -F(2) + F(6) - F(7) + F(8) \quad\quad = T(2) \times (T(6) - T(7)) + T(8).$

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

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

$\quad := -F(5) \times F(6) + F(8) + F(9) \quad\quad = -T(5) + T(6) - T(8) + T(9).$

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

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

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

$\quad := -F(1) + (-F(2) + F(4)) \times F(6) = T(1) + T(2) - T(4) + T(6).$

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

$16 := F(1) \times F(2) \times F(4) + F(7) \quad\quad = T(1) - T(2) - T(4) + T(7).$

$\quad := F(1) \times F(2) + F(3) + F(7) \quad\quad = (T(1) - T(2)) \times T(3) + T(7).$

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

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

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

$\quad := F(1) + F(3) - F(8) + F(9) \quad\quad = T(1) + T(3) - T(8) + T(9).$

$\quad := (F(1) - F(3)) \times F(5) + F(8) \quad = T(1) - T(3) - T(5) + T(8).$

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

$16 := -F(2) \times F(3) + F(5) + F(7) \quad\quad = -T(2) + T(3) - T(5) + T(7).$

$\quad := F(2) \times F(4) - F(8) + F(9) \quad\quad = -T(2) + T(4) - T(8) + T(9).$

$\quad := F(2) \times F(6) - F(7) + F(8) \quad\quad = T(2) + T(6) + T(7) - T(8).$

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

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

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

$\quad := (F(1) + F(2)) \times (-F(7) + F(8)) = (T(1) - T(2)) \times (T(7) - T(8)).$

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

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

17 $:= -F(1) \times F(2) + F(5) + F(7) = T(1) + T(2) - T(5) + T(7).$

$:= F(1) \times F(2) - F(5) + F(8)\quad = -T(1) - T(2) - T(5) + T(8).$

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

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

$:= F(1) + F(4) + F(5) + F(6)\quad = T(1) + T(4) - T(5) + T(6).$

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

$:= F(2) + F(6) + F(8) - F(7)\quad = T(2) \times (-T(6) + T(8)) - T(7).$

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

$:= F(2) - F(3) - F(4) + F(8)\quad = -T(2) - T(3) - T(4) + T(8).$

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

17 $:= F(3) \times F(4) \times F(5) - F(7)\quad = T(3) \times T(4) - T(5) - T(7).$

$:= -F(3) + F(4) - F(5) + F(8) = T(3) - T(4) - T(5) + T(8).$

$:= F(4) + F(2) - F(8) + F(9)\quad = -T(4) + T(2) \times (-T(8) + T(9)).$

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

$:= -F(1) - F(3) \times F(6) + F(9) = -T(1) - T(3) - T(6) + T(9).$

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

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

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

$:= F(2) - F(3) \times (F(7) - F(8))\; = T(2) + T(3) - T(7) + T(8).$

18 $:= F(1) \times F(2) \times F(5) + F(7)\qquad = T(1) + T(2) \times T(5) - T(7).$

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

$:= -F(1) \times F(3) \times F(6) + F(9)\quad = -T(1) \times T(3) - T(6) + T(9).$

$:= F(1) \times F(4) \times F(7) - F(8)\qquad = T(1) \times T(4) - T(7) + T(8).$

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

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

$:= -(F(1) + F(2)) \times F(6) + F(9) = T(1) \times T(2) \times T(6) - T(9).$

$:= F(1) + F(2) - F(5) + F(8)\qquad = -T(1) \times T(2) - T(5) + T(8).$

$:= (-F(1) + F(3)) \times F(5) + F(7) = -T(1) + T(3) - T(5) + T(7).$

18 $:= F(2) \times F(3) \times F(5) + F(6)\qquad = -T(2) \times T(3) + T(5) + T(6).$

$:= -F(2) \times F(3) \times F(6) + F(9)\quad = (-T(2) + T(3)) \times T(6) - T(9).$

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

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

$:= F(2) \times F(5) - F(6) + F(8)\qquad = T(2) \times (T(5) - T(6)) + T(8).$

$:= F(2) \times F(5) - F(8) + F(9)\qquad = T(2) \times (T(5) + T(8) - T(9)).$

$:= (F(2) + F(1)) \times F(7) - F(6)\quad = T(2) \times (-T(1) + T(7) - T(6)).$

$:= (F(3) + F(2)) \times F(7) - F(8)\quad = -T(3) + T(2) \times (-T(7) + T(8)).$

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

$$
\begin{aligned}
\mathbf{18} &:= (-F(3) + F(4)) \times F(5) + F(7) &&= T(3) \times (-T(4) - T(5) + T(7)). \\
&:= (-F(4) + F(5)) \times F(7) - F(6) &&= T(4) + T(5) - T(7) + T(6). \\
&:= F(1) \times F(4) \times (-F(3) + F(6)) &&= T(1) - T(4) + T(3) + T(6). \\
&:= F(1) + F(2) + F(3) \times F(6) &&= T(1) \times T(2) - T(3) + T(6). \\
&:= (F(1) + F(3)) \times (F(2) + F(5)) &&= T(1) \times T(3) - T(2) + T(5). \\
&:= F(1) + F(3) + F(4) \times F(5) &&= -T(1) - T(3) + T(4) + T(5). \\
&:= -F(2) + F(4) \times F(6) - F(5) &&= T(2) \times (-T(4) + T(6)) - T(5). \\
&:= F(3) \times (F(5) + F(8)) - F(9) &&= -T(3) + T(5) - T(8) + T(9). \\
&:= -F(6) + F(3) \times (-F(8) + F(9)) &&= T(6) + T(3) + T(8) - T(9).
\end{aligned}
$$

$$
\begin{aligned}
\mathbf{19} &:= -F(1) \times F(2) \times F(3) + F(8) &&= T(1) - T(2) \times T(3) + T(8). \\
&:= -F(1) \times F(4) \times F(5) + F(9) &&= -T(1) - T(4) - T(5) + T(9). \\
&:= -F(1) - F(2) - F(7) + F(9) &&= -T(1) + T(2) - T(7) + T(9). \\
&:= -F(1) + F(3) - F(4) + F(8) &&= -T(1) - T(3) - T(4) + T(8). \\
&:= -F(1) + F(3) + F(5) + F(7) &&= T(1) \times T(3) - T(5) + T(7). \\
&:= -F(2) \times F(5) + F(4) + F(8) &&= T(2) \times T(5) + T(4) - T(8). \\
&:= (F(2) + F(4)) \times F(6) - F(7) &&= -T(2) \times T(4) + T(6) + T(7). \\
&:= (-F(2) + F(5)) \times F(6) - F(7) &&= -T(2) + T(5) - T(6) + T(7).
\end{aligned}
$$

$$
\begin{aligned}
\mathbf{19} &:= (F(3) + F(4)) \times F(6) - F(8) &&= -T(3) + T(4) - T(6) + T(8). \\
&:= F(4) + F(6) - F(7) + F(8) &&= -T(4) + T(6) - T(7) + T(8). \\
&:= F(5) \times F(6) + F(7) - F(9) &&= T(5) + T(6) + T(7) - T(9). \\
&:= F(1) - F(3) \times F(6) + F(9) &&= T(1) - T(3) - T(6) + T(9). \\
&:= F(1) + F(4) \times F(7) - F(8) &&= T(1) + T(4) - T(7) + T(8). \\
&:= -F(2) \times F(5) + F(4) \times F(6) &&= T(2) - T(5) + T(4) + T(6). \\
&:= F(1) + F(3) \times (F(2) + F(6)) &&= T(1) - T(3) + T(2) + T(6). \\
&:= F(4) + (F(1) + F(2)) \times F(6) &&= T(4) \times (T(1) + T(2)) - T(6).
\end{aligned}
$$

$$
\begin{aligned}
\mathbf{20} &:= (F(1) \times F(2) + F(4)) \times F(5) &&= (T(1) + T(2)) \times (-T(4) + T(5)). \\
&:= -F(1) \times F(2) - F(7) + F(9) &&= T(1) \times T(2) - T(7) + T(9). \\
&:= -F(1) \times F(2) + F(6) + F(7) &&= -T(1) + (T(2) \times (-T(6) + T(7))). \\
&:= F(1) \times F(3) + F(5) + F(7) &&= T(1) + T(3) - T(5) + T(7). \\
&:= F(1) \times F(3) - F(4) + F(8) &&= -T(1) \times T(3) - T(4) + T(8). \\
&:= F(1) + F(5) + F(2) + F(7) &&= (T(1) + T(5)) \times T(2) - T(7). \\
&:= (-F(1) + F(3) + F(4)) \times F(5) &&= T(1) - T(3) + T(4) + T(5). \\
&:= (-F(2) - F(6) + F(7)) \times F(5) &&= T(2) \times T(6) - T(7) - T(5). \\
&:= F(2) - F(3) - F(7) + F(9) &&= -T(2) + T(3) - T(7) + T(9).
\end{aligned}
$$

$$
\begin{aligned}
\mathbf{20} &:= -F(2) + F(4) + F(5) + F(7) & = -T(2) + T(4) - T(5) + T(7). \\
&:= -F(3) \times F(4) - F(6) + F(9) & = T(3) - T(4) - T(6) + T(9). \\
&:= F(4) \times F(7) + F(3) - F(8) & = T(4) \times (-T(7) - T(3) + T(8)). \\
&:= F(1) - F(4) \times F(5) + F(9) & = -T(1) \times T(4) - T(5) + T(9). \\
&:= (F(1) + F(2)) \times (-F(4) + F(7)) & = -T(1) + T(2) - T(4) + T(7). \\
&:= (F(2) \times F(3)) \times (-F(4) + F(7)) & = -T(2) \times T(3) + T(4) + T(7). \\
&:= (F(2) + F(4)) \times (-F(6) + F(7)) & = T(2) + T(4) - T(6) + T(7). \\
&:= F(2) + F(4) + F(3) \times F(6) & = T(2) - T(4) + T(3) + T(6). \\
&:= F(4) \times (F(5) + F(7)) - F(9) & = T(4) \times (-T(5) - T(7) + T(9)). \\
&:= F(3) \times (-F(4) + F(5) + F(6)) & = -T(3) - T(4) + T(5) + T(6).
\end{aligned}
$$

$$
\begin{aligned}
\mathbf{21} &:= F(1) \times F(2) \times F(6) + F(7) & = (T(1) \times T(2)) \times (-T(6) + T(7)). \\
&:= -F(1) \times F(2) \times F(7) + F(9) & = T(1) + T(2) - T(7) + T(9). \\
&:= (F(1) \times F(3) - F(2)) \times F(8) & = (T(1) - T(3)) \times T(2) + T(8). \\
&:= -F(2) \times F(5) - F(6) + F(9) & = T(2) \times T(5) + T(6) - T(9). \\
&:= (F(2) + F(1)) \times F(6) + F(5) & = T(2) \times (T(1) + T(6) - T(5)). \\
&:= F(2) + F(3) + F(5) + F(7) & = T(2) \times (-T(3) - T(5) + T(7)). \\
&:= (-F(2) - F(4) + F(5)) \times F(8) & = -T(2) \times T(4) + T(5) + T(8). \\
&:= (F(2) + F(7)) \times F(4) - F(8) & = T(2) - T(7) + T(4) + T(8). \\
&:= (-F(2) + F(3)) \times F(6) + F(7) & = (T(2) - T(3)) \times (T(6) - T(7)).
\end{aligned}
$$

$$
\begin{aligned}
\mathbf{21} &:= (F(2) - F(3)) \times F(7) + F(9) & = T(2) \times (-T(3) + T(7)) - T(9). \\
&:= -F(3) - F(4) - F(6) + F(9) & = T(3) \times (-T(4) + T(6)) - T(9). \\
&:= (F(3) - F(4)) \times F(7) + F(9) & = -T(3) + T(4) - T(7) + T(9). \\
&:= -F(1) - F(3) + F(4) + F(8) & = T(1) - T(3) - T(4) + T(8). \\
&:= F(2) \times F(4) \times (F(3) + F(5)) & = T(2) \times T(4) + T(3) - T(5). \\
&:= -F(2) - F(3) + F(4) \times F(6) & = (-T(2) - T(3) + T(4)) \times T(6). \\
&:= -F(2) - F(3) + F(4) + F(8) & = -T(2) + T(3) \times T(4) - T(8). \\
&:= -F(3) + F(4) \times F(5) + F(6) & = (T(3) + T(4) - T(5)) \times T(6). \\
&:= -F(6) + F(4) \times F(8) - F(9) & = T(6) \times (T(4) + T(8) - T(9)). \\
&:= F(1) + (F(2) + F(4)) \times F(5) & = -T(1) - T(2) + T(4) + T(5). \\
&:= F(2) - F(3) \times (F(4) - F(7)) & = -T(2) + T(3) - T(4) + T(7).
\end{aligned}
$$

$22 := F(1) \times F(2) + F(6) + F(7) \qquad = T(1) - T(2) \times (T(6) - T(7)).$
$\quad := -F(1) - F(2) + F(4) + F(8) \quad = -T(1) - T(2) - T(4) + T(8).$
$\quad := (F(1) + F(3)) \times F(4) + F(7) \quad = (-T(1) + T(3)) \times T(4) - T(7).$
$\quad := F(1) + F(4) + F(5) + F(7) \qquad = -T(1) + T(4) - T(5) + T(7).$
$\quad := (-F(1) + F(6)) \times F(5) - F(7) = -T(1) \times T(6) + T(5) + T(7).$
$\quad := -F(1) + F(3) - F(7) + F(9) \quad = -T(1) + T(3) - T(7) + T(9).$
$\quad := F(3) \times F(4) \times F(5) - F(6) \qquad = T(3) + T(4) - T(5) + T(6).$
$\quad := (F(1) + F(2)) \times (F(4) + F(6)) = (T(1) - T(2)) \times (T(4) - T(6)).$
$\quad := -F(2) + F(3) \times F(5) + F(7) \quad = T(2) + T(3) - T(5) + T(7).$
$\quad := F(2) \times F(3) \times (F(4) + F(6)) \quad = -T(2) - T(3) + T(4) + T(6).$
$\quad := F(2) + (F(3) + F(5)) \times F(4) \quad = T(2) - T(3) + T(5) + T(4).$

$23 := -F(1) \times F(2) + F(4) + F(8) \quad = -T(1) \times T(2) - T(4) + T(8).$
$\quad := F(1) \times F(3) - F(7) + F(9) \qquad = T(1) \times T(3) - T(7) + T(9).$
$\quad := F(1) - F(3) + F(4) + F(8) \qquad = -T(1) + T(3) \times T(4) - T(8).$
$\quad := (-F(1) + F(4)) \times F(5) + F(7) = T(1) \times T(4) - T(5) + T(7).$
$\quad := F(2) \times F(4) \times F(5) + F(6) \qquad = -T(2) - T(4) + T(5) + T(6).$
$\quad := F(2) \times F(5) \times F(3) + F(7) \qquad = T(2) \times T(5) + T(3) - T(7).$
$\quad := F(2) - F(3) + F(4) + F(8) \qquad = T(2) - T(3) - T(4) + T(8).$

$23 := -F(2) + F(4) + F(6) + F(7) \quad = T(2) \times T(4) + T(6) - T(7).$
$\quad := -F(4) - F(6) + F(7) + F(8) \quad = T(4) + T(6) + T(7) - T(8).$
$\quad := F(5) \times F(7) - F(6) - F(9) \qquad = -T(5) - T(7) + T(6) + T(9).$
$\quad := -F(1) \times F(4) + F(3) \times F(7) \quad = -T(1) - T(4) + T(3) + T(7).$
$\quad := -F(1) - F(3) \times F(5) + F(9) \quad = -T(1) - T(3) - T(5) + T(9).$
$\quad := -F(3) \times (F(4) - F(6)) + F(7) = T(3) + T(4) - T(6) + T(7).$
$\quad := -F(1) + (F(2) + F(3)) \times F(6) = -T(1) - T(2) + T(3) + T(6).$

$24 := F(1) \times F(2) \times F(4) + F(8) \qquad = T(1) - T(2) - T(4) + T(8).$
$\quad := (F(1) \times F(2) + F(3)) \times F(6) \quad = -T(1) \times T(2) + T(3) + T(6).$
$\quad := F(1) \times F(2) + F(3) + F(8) \qquad = (T(1) - T(2)) \times T(3) + T(8).$
$\quad := -F(1) \times F(3) \times F(5) + F(9) \quad = -T(1) \times T(3) - T(5) + T(9).$
$\quad := (-F(1) - F(2) + F(5)) \times F(6) = (T(1) + T(2)) \times (-T(5) + T(6)).$
$\quad := -F(1) - F(2) + F(5) + F(8) \quad = (T(1) + T(2)) \times T(5) - T(8).$
$\quad := (-F(1) + F(3)) \times F(4) \times F(6) = -T(1) - T(3) + T(4) + T(6).$

$$
\begin{aligned}
24 &:= F(1) + F(3) - F(7) + F(9) & &= T(1) + T(3) - T(7) + T(9).\\
&:= (-F(1) + F(3)) \times F(4) + F(8) & &= T(1) \times T(3) \times T(4) - T(8).\\
&:= (-F(2) \times F(3) + F(5)) \times F(6) & &= T(2) \times T(3) - T(5) + T(6).\\
&:= -F(2) \times F(3) + F(5) + F(8) & &= -T(2) + T(3) - T(5) + T(8).\\
&:= F(2) \times F(4) - F(7) + F(9) & &= -T(2) + T(4) - T(7) + T(9).\\
&:= -F(2) \times F(6) - F(3) + F(9) & &= T(2) \times T(6) + T(3) - T(9).\\
&:= (-F(2) + F(3)) \times F(4) + F(8) & &= T(2) \times (T(3) - T(4)) + T(8).\\
&:= (F(2) - F(4) + F(5)) \times F(6) & &= T(2) \times T(4) + T(5) - T(6).
\end{aligned}
$$

$$
\begin{aligned}
24 &:= (F(3) + F(1) + F(5)) \times F(4) & &= T(3) \times (-T(1) + T(5) - T(4)).\\
&:= F(3) + F(2) + F(6) + F(7) & &= T(3) \times (-T(2) - T(6) + T(7)).\\
&:= (F(3) + F(7)) \times F(4) - F(8) & &= T(3) - T(7) + T(4) + T(8).\\
&:= F(1) \times F(3) \times (-F(2) + F(7)) & &= -T(1) - T(3) + T(2) + T(7).\\
&:= F(1) \times F(4) \times (-F(5) + F(7)) & &= T(1) + T(4) - T(5) + T(7).\\
&:= -F(1) - F(2) + F(3) \times F(7) & &= -T(1) + T(2) - T(3) + T(7).\\
&:= F(1) - F(4) + F(3) \times F(7) & &= -T(1) \times T(4) + T(3) + T(7).\\
&:= (F(2) + F(3)) \times (-F(7) + F(8)) & &= (T(2) - T(3)) \times (T(7) - T(8)).\\
&:= F(3) \times (F(4) + F(5)) + F(6) & &= T(3) \times T(4) - T(5) - T(6).
\end{aligned}
$$

$$
\begin{aligned}
24 &:= F(3) \times (F(6) + F(8)) - F(9) & &= -T(3) + T(6) - T(8) + T(9).\\
&:= F(3) \times (F(6) - F(7)) + F(9) & &= T(3) \times (T(6) + T(7) - T(9)).\\
&:= -F(4) + F(5) \times F(6) - F(7) & &= -T(4) - T(5) + T(6) + T(7).\\
&:= -F(2) + F(5) \times (-F(6) + F(7)) & &= T(2) \times (T(5) + T(6) - T(7)).\\
&:= F(3) \times (-F(2) - F(6) + F(8)) & &= T(3) + T(2) - T(6) + T(8).\\
&:= -F(3) + (F(4) - F(2)) \times F(7) & &= -T(3) \times T(4) + T(2) \times T(7).\\
&:= F(4) \times (-F(5) - F(6) + F(8)) & &= T(4) \times (-T(5) + T(6)) - T(8).\\
&:= -F(6) + F(3) \times (-F(5) + F(8)) & &= -T(6) - T(3) + T(5) + T(8).
\end{aligned}
$$

$$
\begin{aligned}
25 &:= -F(1) \times F(2) + F(5) + F(8) & &= T(1) + T(2) - T(5) + T(8).\\
&:= (F(1) + F(2) + F(4)) \times F(5) & &= (T(1) + T(2)) \times T(4) - T(5).\\
&:= -(F(1) + F(3)) \times F(4) + F(9) & &= (T(1) + T(3)) \times T(4) - T(9).\\
&:= -F(1) - F(4) + F(6) + F(8) & &= T(1) \times T(4) - T(6) + T(8).\\
&:= -F(1) + F(3) + F(4) + F(8) & &= T(1) + T(3) \times T(4) - T(8).\\
&:= F(2) + F(6) + F(4) + F(7) & &= T(2) \times T(6) - T(4) - T(7).\\
&:= (F(3) \times F(1) + F(4)) \times F(5) & &= (T(3) - T(1)) \times (-T(4) + T(5)).
\end{aligned}
$$

$25 := F(3) - F(4) + F(5) + F(8) \quad = -T(3) + T(4) - T(5) + T(8).$

$\quad\ := F(1) - F(3) \times F(5) + F(9) \quad = T(1) - T(3) - T(5) + T(9).$

$\quad\ := -F(1) \times F(2) + F(3) \times F(7) \ = T(1) \times T(2) - T(3) + T(7).$

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

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

$\quad\ := F(2) \times F(5) \times (-F(6) + F(7)) = T(2) + T(5) - T(6) + T(7).$

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

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

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

$26 := F(1) \times F(2) \times F(3) \times F(7) \quad = T(1) + T(2) - T(3) + T(7).$

$\quad\ := -F(1) \times F(2) \times F(6) + F(9) \ = -T(1) + T(2) - T(6) + T(9).$

$\quad\ := -F(1) \times F(4) + F(6) + F(8) \ = T(1) + T(4) - T(6) + T(8).$

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

$\quad\ := (-F(1) + F(3)) \times F(5) + F(8) = -T(1) + T(3) - T(5) + T(8).$

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

$26 := -F(2) \times F(6) + F(7) + F(8) \quad = -T(2) + T(6) - T(7) + T(8).$

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

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

$\quad\ := (F(1) + F(2)) \times (-F(6) + F(8)) = -T(1) + T(2) \times T(6) - T(8).$

$\quad\ := (F(1) + F(2)) \times (-F(8) + F(9)) = -T(1) + T(2) \times (-T(8) + T(9)).$

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

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

$27 := F(1) \times F(2) - F(6) + F(9) \quad = T(1) \times T(2) - T(6) + T(9).$

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

$\quad\ := -F(1) - F(2) + F(6) + F(8) = T(1) \times T(2) \times T(6) - T(8).$

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

$\quad\ := -F(1) + F(3) + F(5) + F(8) = T(1) \times T(3) - T(5) + T(8).$

$\quad\ := -F(2) \times F(3) - F(5) + F(9) = T(2) - T(3) - T(5) + T(9).$

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

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

$27 := (F(2) + F(5)) \times F(6) - F(8) \quad = -T(2) + T(5) - T(6) + T(8).$

$\quad\ := -F(2) + F(3) - F(6) + F(9) \quad = -T(2) + T(3) - T(6) + T(9).$

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

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

$\quad\ := F(5) \times F(6) + F(8) - F(9) \quad = T(5) + T(6) + T(8) - T(9).$

$\quad\ := F(1) \times F(4) \times (F(2) + F(6)) \quad = -T(1) + T(4) - T(2) + T(6).$

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

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

27 $:= F(2) + F(3) + F(4) \times F(6) \quad = T(2) \times (T(3) + T(4)) - T(6).$
$:= F(3) \times (-F(2) + F(6)) + F(7) = T(3) - T(2) \times (T(6) - T(7)).$
$:= F(3) \times (F(4) + F(7)) - F(5) \quad = -T(3) - T(4) + T(7) + T(5).$
$:= F(2) - F(3) \times (F(8) - F(9)) \quad = T(2) \times T(3) - T(8) + T(9).$
$:= F(2) + F(3) \times (F(5) + F(6)) \quad = -T(2) - T(3) + T(5) + T(6).$
$:= F(3) - (F(6) - F(7)) \times F(5) \quad = (T(3) \times (-T(6) + T(7))) - T(5).$
$:= F(4) - F(3) \times (F(2) - F(7)) \quad = -((T(4) - T(3)) - T(2)) + T(7).$

28 $:= -F(1) \times F(2) - F(5) + F(9) = T(1) - T(2) - T(5) + T(9).$
$:= -F(1) \times F(2) + F(6) + F(8) = T(1) + T(2) \times T(6) - T(8).$
$:= F(1) \times F(3) + F(5) + F(8) \quad = T(1) + T(3) - T(5) + T(8).$
$:= F(1) + F(2) - F(6) + F(9) \quad = T(1) + T(2) - T(6) + T(9).$
$:= -F(1) - F(3) - F(4) + F(9) = -T(1) - T(3) - T(4) + T(9).$
$:= -F(2) - F(6) + F(4) + F(9) = T(2) \times T(6) + T(4) - T(9).$
$:= -F(2) + F(4) + F(5) + F(8) = -T(2) + T(4) - T(5) + T(8).$

28 $:= F(3) + F(5) + F(6) + F(7) \quad = -T(3) - T(5) + T(6) + T(7).$
$:= (F(4) + F(2)) \times F(5) + F(6) \quad = T(4) - T(2) \times (T(5) - T(6)).$
$:= (F(1) + F(4)) \times (-F(2) + F(6)) = T(1) \times T(4) - T(2) + T(6).$
$:= F(2) + F(3) \times F(4) + F(8) \quad = -T(2) \times T(3) + T(4) + T(8).$
$:= (F(2) + F(4)) \times (F(3) + F(5)) \quad = -T(2) + T(4) + T(3) + T(5).$
$:= -F(2) + F(4) + F(3) \times F(7) \quad = (-T(2) + T(4) - T(3)) \times T(7).$
$:= F(3) \times (-F(4) + F(7)) + F(6) \quad = (T(3) - T(4)) \times (-T(7) + T(6)).$
$:= F(3) - (F(4) - F(5)) \times F(7) \quad = (T(3) + T(4) - T(5)) \times T(7).$

29 $:= -F(1) \times F(3) - F(4) + F(9) = -T(1) \times T(3) - T(4) + T(9).$
$:= F(1) + F(3) - F(6) + F(9) \quad = -T(1) + T(3) - T(6) + T(9).$
$:= (F(2) + F(4)) \times F(3) + F(8) = -T(2) - T(4) + T(3) + T(8).$
$:= F(3) \times F(2) \times F(6) + F(7) \quad = -T(3) + T(2) \times T(6) - T(7).$
$:= F(4) + F(7) - F(8) + F(9) \quad = T(4) + T(7) + T(8) - T(9).$
$:= F(2) \times F(4) + F(3) \times F(7) \quad = -T(2) + T(4) - T(3) + T(7).$

29 $:= F(2) \times F(5) + F(4) \times F(6) \quad = T(2) + T(5) - T(4) + T(6).$
$:= F(2) + F(7) + F(5) \times F(4) \quad = T(2) \times (T(7) - T(5)) - T(4).$
$:= F(3) \times (F(4) + F(5)) + F(7) \quad = T(3) + T(4) - T(5) + T(7).$
$:= -F(1) + F(3) \times F(4) \times F(5) \quad = -T(1) + T(3) \times (-T(4) + T(5)).$
$:= -F(1) + F(5) \times (-F(3) + F(6)) = -T(1) + T(5) - T(3) + T(6).$
$:= -F(2) + (F(3) + F(6)) \times F(4) \quad = T(2) \times T(3) + T(6) - T(4).$
$:= -F(2) + F(5) \times F(3) \times F(4) \quad = T(2) \times T(5) - T(3) - T(4).$

$$\begin{aligned}
\mathbf{30} &:= F(1) \times F(2) + F(6) + F(8) &&= (T(1) - T(2)) \times (T(6) - T(8)). \\
&:= -F(1) - F(3) - F(2) + F(9) &&= (T(1) - T(3)) \times T(2) + T(9). \\
&:= (F(1) + F(3) + F(4)) \times F(5) &&= T(1) \times T(3) \times (-T(4) + T(5)). \\
&:= F(1) + F(4) + F(5) + F(8) &&= -T(1) + T(4) - T(5) + T(8). \\
&:= -F(1) + F(3) - F(5) + F(9) &&= (-T(1) + T(3)) \times T(5) - T(9). \\
&:= F(1) - F(3) - F(4) + F(9) &&= T(1) - T(3) - T(4) + T(9). \\
&:= F(2) \times F(3) \times F(5) \times F(4) &&= (T(2) \times T(3) - T(5)) \times T(4).
\end{aligned}$$

$$\begin{aligned}
\mathbf{30} &:= (F(2) \times F(3) + F(6)) \times F(4) &&= (-T(2) \times T(3) + T(6)) \times T(4). \\
&:= (F(2) + F(1) + F(6)) \times F(4) &&= T(2) \times (-T(1) + T(6) - T(4)). \\
&:= (F(3) + F(1)) \times F(4) + F(8) &&= T(3) \times (T(1) + T(4)) - T(8). \\
&:= -F(3) + F(4) - F(5) + F(9) &&= T(3) \times T(4) + T(5) - T(9). \\
&:= -F(3) + F(4) + F(6) + F(8) &&= T(3) \times (-T(4) - T(6) + T(8)). \\
&:= F(6) + F(2) - F(7) + F(9) &&= -T(6) + T(2) \times (-T(7) + T(9)).
\end{aligned}$$

$$\begin{aligned}
\mathbf{30} &:= F(1) \times F(5) \times (-F(3) + F(6)) &&= T(1) \times T(5) - T(3) + T(6). \\
&:= (F(1) + F(2)) \times (F(3) + F(7)) &&= -T(1) - T(2) + T(3) + T(7). \\
&:= -F(2) + F(3) \times F(5) + F(8) &&= T(2) + T(3) - T(5) + T(8). \\
&:= F(2) \times F(5) \times (-F(3) + F(6)) &&= T(2) \times T(5) + T(3) - T(6). \\
&:= F(2) + F(5) + F(6) \times F(4) &&= (-T(2) - T(5) + T(6)) \times T(4). \\
&:= F(2) - F(7) + F(3) \times F(8) &&= T(2) \times (T(7) - T(3)) - T(8). \\
&:= F(5) \times (-F(3) - F(7) + F(8)) &&= T(5) \times (-T(3) - T(7) + T(8)).
\end{aligned}$$

$$\begin{aligned}
\mathbf{31} &:= -F(1) \times F(2) \times F(4) + F(9) &&= -T(1) - T(2) - T(4) + T(9). \\
&:= F(1) \times F(5) \times F(7) - F(9) &&= -T(1) + T(5) - T(7) + T(9). \\
&:= (-F(1) + F(4)) \times F(5) + F(8) &&= T(1) \times T(4) - T(5) + T(8). \\
&:= F(2) \times F(3) \times F(7) + F(5) &&= T(2) \times T(3) + T(7) - T(5). \\
&:= -F(2) \times F(6) + F(7) \times F(4) &&= T(2) \times (-T(6) + T(7)) + T(4). \\
&:= F(3) \times (F(2) + F(6)) + F(7) &&= -T(3) \times T(2) + T(6) + T(7). \\
&:= F(3) \times (-F(4) + F(6)) + F(8) &&= T(3) + T(4) - T(6) + T(8). \\
&:= F(1) - F(5) \times (F(3) - F(6)) &&= T(1) + T(5) - T(3) + T(6). \\
&:= -F(1) + F(3) \times (F(4) + F(7)) &&= -T(1) - T(3) + T(4) + T(7).
\end{aligned}$$

$$\begin{aligned}
\mathbf{32} &:= (F(1) \times F(2) + F(4)) \times F(6) &&= -T(1) + T(2) \times (-T(4) + T(6)). \\
&:= (-F(1) \times F(2) + F(5)) \times F(6) &&= -T(1) - T(2) + T(5) + T(6). \\
&:= F(1) \times F(2) - F(4) + F(9) &&= -T(1) \times T(2) - T(4) + T(9). \\
&:= -F(1) - F(2) + F(7) + F(8) &&= (T(1) + T(2)) \times (-T(7) + T(8)). \\
&:= -F(2) + F(3) - F(4) + F(9) &&= T(2) - T(3) - T(4) + T(9). \\
&:= (F(3) - F(4) + F(5)) \times F(6) &&= T(3) - T(4) + T(5) + T(6). \\
&:= F(4) \times F(6) - F(5) + F(7) &&= T(4) - T(6) + T(5) + T(7).
\end{aligned}$$

$32 := F(1) \times F(3) \times (F(4) + F(7)) \qquad = T(1) \times T(3) \times T(4) - T(7).$

$\quad := F(1) + F(5) \times F(7) - F(9) \qquad = T(1) \times T(5) - T(7) + T(9).$

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

$\quad := (F(1) - F(4)) \times (F(5) - F(8)) \; = T(1) + T(4) - T(5) + T(8).$

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

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

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

$33 := F(1) \times F(2) - F(3) + F(9) \qquad = (T(1) - T(2)) \times T(3) + T(9).$

$\quad := F(1) + F(2) - F(4) + F(9) \qquad = T(1) - T(2) - T(4) + T(9).$

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

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

$\quad := (-F(2) + F(5)) \times F(4) + F(8) = T(2) \times (-T(5) - T(4) + T(8)).$

$\quad := -F(2) + F(5) + F(6) + F(8) \quad = T(2) + T(5) - T(6) + T(8).$

$\quad := F(3) + F(5) - F(6) + F(9) \qquad = -T(3) + T(5) - T(6) + T(9).$

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

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

$\quad := -F(2) - F(6) + F(3) \times F(8) \; = T(2) \times T(6) + T(3) - T(8).$

$33 := F(3) \times (F(2) + F(7)) + F(5) \qquad = -T(3) + T(2) \times (T(7) - T(5)).$

$\quad := F(3) + F(5) \times F(7) - F(9) \qquad = T(3) \times (-T(5) + T(7)) - T(9).$

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

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

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

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

$\quad := F(1) + (F(2) + F(4)) \times F(6) \qquad = T(1) \times T(2) \times (-T(4) + T(6)).$

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

$\quad := F(2) - F(3) \times (F(5) - F(8)) \qquad = -T(2) \times T(3) + T(5) + T(8).$

$\quad := -F(3) + F(5) \times (-F(2) + F(6)) = -T(3) + T(5) + T(2) + T(6).$

$34 := F(3) - F(5) + F(4) + F(9) \qquad = -T(3) - T(5) + T(4) + T(9).$

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

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

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

$\quad := F(3) \times (-F(1) - F(4) + F(8)) \; = (T(3) + T(1)) \times T(4) - T(8).$

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

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

$\quad := F(6) + (F(2) + F(1)) \times F(7) \qquad = T(6) \times T(2) - T(1) - T(7).$

$$35 := -F(1) \times F(2) + F(3) + F(9) = -T(1) - T(2) - T(3) + T(9).$$
$$:= (F(1) + F(5)) \times F(6) - F(7) = T(1) - T(5) + T(6) + T(7).$$
$$:= (F(1) - F(3) + F(6)) \times F(5) = -T(1) + T(3) \times (T(6) - T(5)).$$
$$:= F(4) \times F(3) - F(5) + F(9) = -T(4) + T(3) \times T(5) - T(9).$$
$$:= (F(1) + F(3) \times F(4)) \times F(5) = (T(1) + T(3)) \times (-T(4) + T(5)).$$
$$:= F(1) + F(3) \times F(7) + F(6) = (T(1) - T(3)) \times (-T(7) + T(6)).$$

$$35 := (-F(2) + F(6)) \times (F(3) + F(4)) = T(2) \times (T(6) - T(3)) - T(4).$$
$$:= F(6) + F(2) + F(3) \times F(7) = T(6) \times (-T(2) + T(3)) - T(7).$$
$$:= -F(1) + F(4) \times (-F(2) + F(7)) = T(1) \times T(4) - T(2) + T(7).$$
$$:= -F(2) + F(3) \times (-F(4) + F(8)) = T(2) + T(3) - T(4) + T(8).$$
$$:= -F(2) + F(3) \times (F(5) + F(7)) = T(2) \times (T(3) + T(5)) - T(7).$$
$$:= F(4) - F(3) \times (F(5) - F(8)) = -T(4) - T(3) + T(5) + T(8).$$
$$:= F(5) \times (F(8) - F(2) - F(7)) = (-T(5) + T(8)) \times T(2) - T(7).$$

$$36 := F(1) \times F(2) \times F(3) + F(9) = -T(1) \times T(2) - T(3) + T(9).$$
$$:= -F(1) - F(3) + F(5) + F(9) = T(1) \times T(3) - T(5) + T(9).$$
$$:= (F(1) + F(5)) \times F(4) \times F(3) = (T(1) + T(5) - T(4)) \times T(3).$$
$$:= -F(2) - F(5) + F(6) + F(9) = -T(2) + T(5) - T(6) + T(9).$$
$$:= -F(3) \times F(4) + F(6) + F(9) = T(3) \times T(4) + T(6) - T(9).$$
$$:= F(3) + F(5) + F(6) + F(8) = -T(3) - T(5) + T(6) + T(8).$$
$$:= F(1) \times F(3) \times (F(5) + F(7)) = -T(1) - T(3) + T(5) + T(7).$$

$$36 := F(1) \times F(4) \times (-F(2) + F(7)) = T(1) + T(4) - T(2) + T(7).$$
$$:= (F(1) + F(3)) \times (-F(2) + F(7)) = -T(1) + T(3) + T(2) + T(7).$$
$$:= (F(1) + F(5)) \times (F(6) - F(3)) = (-T(1) \times T(5) + T(6)) \times T(3).$$
$$:= -F(2) + F(4) \times F(6) + F(7) = -T(2) - T(4) + T(6) + T(7).$$
$$:= F(2) \times F(3) \times (-F(4) + F(8)) = (-T(2) - T(3) + T(4)) \times T(8).$$
$$:= (F(2) + F(1)) \times (F(5) + F(7)) = T(2) \times (-T(1) - T(5) + T(7)).$$
$$:= -F(2) - F(3) + F(4) \times F(7) = T(2) \times T(3) - T(4) + T(7).$$
$$:= (F(2) + F(4)) \times (F(1) + F(6)) = T(2) \times (-T(4) + T(1) + T(6)).$$

$$36 := (-F(2) + F(4)) \times (F(5) + F(7)) = T(2) - T(4) + T(5) + T(7).$$
$$:= -F(2) - F(4) + F(5) \times F(6) = T(2) \times T(4) - T(5) + T(6).$$
$$:= (F(2) + F(5)) \times (-F(3) + F(6)) = T(2) \times (-T(5) + T(3) + T(6)).$$
$$:= -F(2) - F(5) + F(3) \times F(8) = (-T(2) + T(5)) \times T(3) - T(8).$$
$$:= (F(2) - F(7)) \times (-F(6) + F(5)) = T(2) \times (T(7) - T(6)) + T(5).$$
$$:= F(3) \times (F(1) + F(7)) + F(6) = T(3) \times (-T(1) + T(7) - T(6)).$$
$$:= F(5) \times (F(2) + F(7)) - F(9) = -T(5) + T(2) \times (-T(7) + T(9)).$$
$$:= F(3) \times (F(5) - F(8) + F(9)) = T(3) \times (T(5) + T(8) - T(9)).$$

37 $:= F(1) \times F(2) + F(3) + F(9)$ $= T(1) - T(2) - T(3) + T(9).$
$:= -F(1) \times F(3) + F(5) + F(9)$ $= T(1) + T(3) - T(5) + T(9).$
$:= F(1) + F(4) - F(2) + F(9)$ $= -T(1) - T(4) + T(2) + T(9).$
$:= F(2) \times F(4) \times F(6) + F(7)$ $= T(2) \times T(4) - T(6) + T(7).$
$:= (-F(2) + F(3)) \times F(4) + F(9)$ $= -T(2) \times T(3) + T(4) + T(9).$
$:= F(2) - F(4) + F(5) + F(9)$ $= -T(2) + T(4) - T(5) + T(9).$
$:= F(3) \times F(8) + F(6) - F(7)$ $= -T(3) + T(8) - T(6) + T(7).$
$:= (F(4) - F(2)) \times F(6) + F(8)$ $= T(4) + T(2) \times T(6) - T(8).$
$:= -F(1) - F(3) + F(5) \times F(6)$ $= T(1) - T(3) \times (T(5) - T(6)).$
$:= F(3) \times (F(4) + F(5)) + F(8)$ $= T(3) + T(4) - T(5) + T(8).$
$:= F(1) + F(3) \times (F(5) + F(7))$ $= -T(1) \times T(3) + T(5) + T(7).$
$:= F(2) - F(3) \times (F(4) - F(8))$ $= -T(2) - T(3) + T(4) + T(8).$

38 $:= F(1) \times F(2) + F(4) + F(9)$ $= T(1) \times T(2) - T(4) + T(9).$
$:= -F(1) - F(6) + F(7) + F(9)$ $= T(1) \times T(6) - T(7) + T(9).$
$:= F(1) - F(5) + F(6) + F(9)$ $= -T(1) + T(5) - T(6) + T(9).$
$:= F(2) + F(4) + F(7) + F(8)$ $= T(2) \times T(4) - T(7) + T(8).$
$:= -F(2) + F(3) + F(4) + F(9)$ $= -T(2) + T(3) - T(4) + T(9).$
$:= F(1) + F(4) \times F(6) + F(7)$ $= -T(1) - T(4) + T(6) + T(7).$

38 $:= (F(1) + F(2)) \times (-F(3) + F(8))$ $= -T(1) - T(2) + T(3) + T(8).$
$:= -F(1) - F(2) + F(5) \times F(6)$ $= -T(1) + T(2) + T(5) + T(6).$
$:= -F(1) + (F(2) + F(3)) \times F(7)$ $= T(1) + T(2) + T(3) + T(7).$
$:= -F(1) + (-F(3) + F(5)) \times F(7)$ $= T(1) - T(3) + T(5) + T(7).$
$:= -F(2) + (-F(5) + F(6)) \times F(7)$ $= T(2) \times T(5) + T(6) - T(7).$
$:= F(3) - F(4) \times (F(1) - F(7))$ $= T(3) \times (T(4) + T(1)) - T(7).$
$:= F(4) - F(5) \times (F(2) - F(6))$ $= -T(4) - T(5) + T(2) \times T(6).$

39 $:= -F(1) \times F(6) + F(7) + F(9)$ $= T(1) + T(6) - T(7) + T(9).$
$:= F(1) + F(2) + F(4) + F(9)$ $= T(1) + T(2) - T(4) + T(9).$
$:= (-F(1) - F(2) + F(5)) \times F(7)$ $= -T(1) - T(2) + T(5) + T(7).$
$:= (-F(2) \times F(3) + F(5)) \times F(7)$ $= (T(2) - T(3)) \times (T(5) - T(7)).$
$:= F(2) \times F(7) + F(8) + F(5)$ $= T(2) \times (-T(7) + T(8)) + T(5).$
$:= (F(2) + F(5)) \times F(4) + F(8)$ $= T(2) \times (T(5) + T(4)) - T(8).$
$:= (-F(2) + F(3)) \times F(5) + F(9)$ $= T(2) + T(3) - T(5) + T(9).$

39 $:= (F(3) - F(1)) \times F(5) + F(9)$ $\quad = T(3) \times (-T(1) + T(5)) - T(9).$
$\quad := -F(4) + F(6) + F(7) + F(8)$ $\quad = T(4) + T(6) - T(7) + T(8).$
$\quad := (F(5) + F(2) - F(4)) \times F(7)$ $\quad = -T(5) + T(2) \times (-T(4) + T(7)).$
$\quad := -F(1) \times F(2) + F(5) \times F(6)$ $\quad = (T(1) + T(2)) \times T(5) - T(6).$
$\quad := F(2) \times F(4) \times (-F(8) + F(9))$ $\quad = T(2) \times T(4) - T(8) + T(9).$
$\quad := (F(2) + F(3)) \times (F(5) + F(6))$ $\quad = -T(2) + T(3) + T(5) + T(6).$
$\quad := (F(2) + F(3)) \times (-F(6) + F(8))$ $\quad = -T(2) \times T(3) + T(6) + T(8).$
$\quad := (F(3) - F(4)) + F(5) \times F(6)$ $\quad = (-T(3) + T(4)) \times T(5) - T(6).$

39 $:= -F(4) \times F(1) + F(3) \times F(8)$ $\quad = T(4) - T(1) - T(3) + T(8).$
$\quad := (F(5) - F(3)) \times (-F(8) + F(9))$ $\quad = -T(5) + T(3) \times (-T(8) + T(9)).$
$\quad := -F(1) + (F(3) + F(4)) \times F(6)$ $\quad = T(1) \times T(3) \times T(4) - T(6).$
$\quad := -F(1) + F(3) \times (-F(2) + F(8))$ $\quad = T(1) \times T(3) - T(2) + T(8).$
$\quad := -F(2) + F(6) \times (F(4) + F(3))$ $\quad = T(2) \times (T(6) - T(4)) + T(3).$
$\quad := F(4) \times (F(5) - F(7) + F(8))$ $\quad = -T(4) - T(5) + T(7) + T(8).$
$\quad := F(4) + F(3) \times (F(5) + F(7))$ $\quad = -T(4) + T(3) + T(5) + T(7).$
$\quad := -F(5) + F(3) \times (F(1) + F(8))$ $\quad = T(5) \times (T(3) - T(1)) - T(8).$
$\quad := -F(5) + F(3) \times (F(2) + F(8))$ $\quad = -T(5) + T(3) \times T(2) + T(8).$

40 $:= (F(1) \times F(3) + F(4)) \times F(6)$ $\quad = T(1) + T(3) \times T(4) - T(6).$
$\quad := F(1) + F(3) + F(4) + F(9)$ $\quad = -T(1) + T(3) - T(4) + T(9).$
$\quad := (F(1) + F(6)) \times F(4) + F(7)$ $\quad = T(1) + T(6) - T(4) + T(7).$
$\quad := (-F(3) + F(4)) \times F(5) \times F(6)$ $\quad = -T(3) + T(4) + T(5) + T(6).$
$\quad := F(4) \times F(6) - F(5) + F(8)$ $\quad = T(4) - T(6) + T(5) + T(8).$
$\quad := (F(4) \times F(7) - F(9)) \times F(6)$ $\quad = T(4) \times (T(7) - T(9) + T(6)).$
$\quad := F(1) \times F(2) + F(4) \times F(7)$ $\quad = -T(1) + T(2) + T(4) + T(7).$

40 $:= -F(1) - F(2) + F(3) \times F(8)$ $\quad = T(1) - T(2) + T(3) + T(8).$
$\quad := F(1) - F(4) + F(3) \times F(8)$ $\quad = T(1) \times T(4) - T(3) + T(8).$
$\quad := -F(2) + F(3) + F(4) \times F(7)$ $\quad = T(2) \times (-T(3) + T(4)) + T(7).$
$\quad := F(4) \times (F(2) + F(6)) + F(7)$ $\quad = T(4) \times (-T(2) - T(6) + T(7)).$
$\quad := (F(4) - F(5)) \times (F(1) - F(8))$ $\quad = -T(4) + T(5) - T(1) + T(8).$
$\quad := F(1) + (F(2) + F(3)) \times F(7)$ $\quad = (-T(1) + T(2)) \times T(3) + T(7).$
$\quad := F(2) - (F(3) - F(5)) \times F(7)$ $\quad = T(2) - T(3) + T(5) + T(7).$
$\quad := F(3) \times (-F(2) + F(6) + F(7))$ $\quad = -T(3) - T(2) + T(6) + T(7).$

$$41 := (F(1) + F(4)) \times F(5) + F(8) \quad = -T(1) \times T(4) + T(5) + T(8).$$
$$:= -F(1) + F(4) + F(5) + F(9) \quad = T(1) + T(4) - T(5) + T(9).$$
$$:= F(4) \times F(5) - F(6) + F(9) \quad = -T(4) - T(5) + T(6) + T(9).$$
$$:= F(1) + F(3) \times F(4) + F(9) \quad = T(1) \times T(3) - T(4) + T(9).$$
$$:= -F(1) + F(3) + F(5) \times F(6) \quad = -T(1) + T(3) + T(5) + T(6).$$
$$:= F(2) \times F(3) + F(4) \times F(7) \quad = -T(2) + T(3) + T(4) + T(7).$$
$$:= -F(1) + F(3) \times (F(6) + F(7)) = -T(1) + T(3) \times (-T(6) + T(7)).$$
$$:= -F(2) + (F(6) + F(7)) \times F(3) = T(2) \times T(6) - T(7) + T(3).$$
$$:= F(3) - (F(5) - F(6)) \times F(7) \quad = T(3) \times T(5) - T(6) - T(7).$$
$$:= F(3) - F(4) \times (F(6) - F(8)) \quad = -T(3) - T(4) + T(6) + T(8).$$
$$:= -F(4) + F(3) \times (F(1) + F(8)) = T(4) - T(3) + T(1) + T(8).$$

$$42 := (-F(1) \times F(2) + F(4)) \times F(8) = -T(1) - T(2) + T(4) + T(8).$$
$$:= (-F(1) \times F(4) + F(5)) \times F(8) = T(1) - T(4) + T(5) + T(8).$$
$$:= F(1) \times F(6) + F(7) + F(8) \quad = -T(1) - T(6) + T(7) + T(8).$$
$$:= (F(1) + F(4)) \times F(3) + F(9) \quad = T(1) - T(4) + T(3) + T(9).$$
$$:= (-F(1) - F(5) + F(6)) \times F(8) = -T(1) \times T(5) + T(6) + T(8).$$
$$:= (-F(2) - F(3) + F(5)) \times F(8) = -T(2) - T(3) + T(5) + T(8).$$
$$:= F(2) + F(3) + F(5) + F(9) \quad = -T(2) \times T(3) + T(5) + T(9).$$

$$42 := (F(2) + F(4) - F(3)) \times F(8) \quad = (T(2) + T(4)) \times T(3) - T(8).$$
$$:= (-F(2) + F(6) - F(5)) \times F(8) = T(2) \times T(6) + T(5) - T(8).$$
$$:= (-F(2) + F(3)) \times F(6) + F(9) = T(2) \times T(3) - T(6) + T(9).$$
$$:= F(3) \times F(7) - F(5) + F(8) \quad = T(3) \times (T(7) + T(5) - T(8)).$$
$$:= -F(3) - F(4) + F(7) + F(9) \quad = T(3) \times (-T(4) - T(7) + T(9)).$$
$$:= (-F(4) + F(5)) \times F(2) \times F(8) = T(4) \times T(5) - T(2) \times T(8).$$
$$:= F(4) + F(7) - F(6) + F(9) \quad = -T(4) + T(7) - T(6) + T(9).$$
$$:= (-F(6) - F(4) + F(7)) \times F(8) = T(6) \times (T(4) + T(7) - T(8)).$$
$$:= F(1) \times F(3) \times (F(6) + F(7)) \quad = -T(1) - T(3) + T(6) + T(7).$$

$$42 := F(1) \times F(3) + F(5) \times F(6) \quad = (T(1) + T(3)) \times (-T(5) + T(6)).$$
$$:= F(1) + F(3) + F(4) \times F(7) \quad = ((T(1) + T(3)) \times T(4)) - T(7).$$
$$:= F(2) \times F(3) + F(5) \times F(6) \quad = T(2) \times (T(3) + T(5)) - T(6).$$
$$:= (F(2) + F(1)) \times (-F(7) + F(9)) = T(2) \times (T(1) + T(7)) - T(9).$$
$$:= (-F(2) + F(4)) \times (F(6) + F(7)) = T(2) - T(4) + T(6) + T(7).$$
$$:= -F(2) + F(4) + F(5) \times F(6) \quad = (-T(2) - T(4) + T(5)) \times T(6).$$
$$:= F(3) \times F(4) \times (-F(2) + F(6)) = T(3) \times T(4) + T(2) - T(6).$$
$$:= (F(4) - F(5)) \times (F(7) - F(9)) \quad = T(4) + T(5) - T(7) + T(9).$$
$$:= F(3) \times (F(6) \times F(2) + F(7)) \quad = T(3) \times T(6) - T(2) \times T(7).$$

$43 := F(1) + F(6) + F(7) + F(8) \quad = -T(1) \times T(6) + T(7) + T(8).$
$\quad := F(2) + F(4) + F(5) + F(9) \quad = T(2) + T(4) - T(5) + T(9).$
$\quad := -F(2) - F(4) + F(7) + F(9) = -T(2) \times T(4) + T(7) + T(9).$
$\quad := F(2) \times F(4) + F(5) \times F(6) \quad = -T(2) + T(4) + T(5) + T(6).$
$\quad := -F(2) + F(5) + F(4) \times F(7) = T(2) \times (T(5) - T(4)) + T(7).$
$\quad := F(1) - (F(2) - F(4)) \times F(8) \quad = -T(1) \times T(2) + T(4) + T(8).$
$\quad := F(1) + F(3) \times (F(6) + F(7)) \quad = -T(1) \times T(3) + T(6) + T(7).$
$\quad := F(4) - F(3) \times (F(2) - F(8)) \quad = T(4) - T(3) + T(2) + T(8).$

$44 := F(1) \times F(3) \times F(5) + F(9) \quad = -T(1) + T(3) \times T(5) - T(9).$
$\quad := F(3) + F(4) + F(5) + F(9) \quad = -T(3) - T(4) + T(5) + T(9).$
$\quad := (-F(3) + F(6)) \times F(7) - F(9) \quad = T(3) + T(6) - T(7) + T(9).$
$\quad := F(1) + F(2) + F(3) \times F(8) \quad = -T(1) + T(2) + T(3) + T(8).$
$\quad := (-F(1) + F(4)) \times (F(2) + F(8)) = T(1) + T(4) - T(2) + T(8).$
$\quad := (F(1) + F(4)) \times (-F(3) + F(7)) = T(1) \times T(4) + T(3) + T(7).$
$\quad := -F(2) + F(4) \times F(6) + F(8) \quad = -T(2) - T(4) + T(6) + T(8).$

$44 := (F(2) - F(5)) \times (F(3) - F(7)) \quad = (-T(2) + T(5)) \times T(3) - T(7).$
$\quad := -F(4) + F(3) \times F(9) - F(8) \quad = -T(4) + T(3) \times (T(9) - T(8)).$
$\quad := (-F(4) + F(5)) \times (F(2) + F(8)) = -T(4) + T(5) + T(2) + T(8).$
$\quad := F(3) - (F(2) - F(4)) \times F(8) \quad = T(3) \times T(2) - T(4) + T(8).$
$\quad := F(3) \times (F(1) + F(6) + F(7)) \quad = -T(3) + T(1) + T(6) + T(7).$
$\quad := F(3) + (F(5) - F(4)) \times F(8) \quad = T(3) \times T(5) - T(4) - T(8).$

$45 := (F(1) + F(3)) \times F(4) \times F(5) \quad = (-T(1) - T(3) + T(4)) \times T(5).$
$\quad := (F(1) + F(6)) \times F(2) \times F(5) \quad = (-T(1) + T(6)) \times T(2) - T(5).$
$\quad := F(2) \times F(4) \times F(6) + F(8) \quad = T(2) \times T(4) - T(6) + T(8).$
$\quad := (F(2) + F(3)) \times F(4) \times F(5) \quad = (T(2) + T(3)) \times (-T(4) + T(5)).$
$\quad := (F(2) + F(3)) \times F(6) + F(8) \quad = (T(2) - T(3)) \times (T(6) - T(8)).$
$\quad := (-F(2) + F(9)) \times F(3) - F(8) = T(2) \times (T(9) + T(3) - T(8)).$
$\quad := (-F(2) + F(3) + F(6)) \times F(5) = T(2) + T(3) + T(6) + T(5).$

$45 := (-F(2) + F(8)) \times F(3) + F(5) = T(2) \times (T(8) - T(3) - T(5)).$
$\quad := -F(3) \times F(2) + F(7) + F(9) \quad = T(3) + T(2) \times T(7) - T(9).$
$\quad := F(3) \times F(4) + F(5) + F(9) \quad = (T(3) + T(4) - T(5)) \times T(9).$
$\quad := F(3) \times F(5) + F(2) + F(9) \quad = -T(3) \times T(5) + T(2) \times T(9).$
$\quad := F(3) \times F(6) - F(5) + F(9) \quad = T(3) - T(6) + T(5) + T(9).$
$\quad := -F(3) - F(6) + F(8) + F(9) \quad = T(3) \times T(6) - T(8) - T(9).$
$\quad := (F(4) + F(2)) \times F(6) + F(7) \quad = T(4) + T(2) \times T(6) - T(7).$
$\quad := -F(5) \times F(3) + F(8) + F(9) \quad = T(5) \times (-T(3) - T(8) + T(9)).$

$$45 := F(1) + F(3) \times F(5) + F(9) \quad = T(1) \times T(3) \times T(5) - T(9).$$
$$:= F(3) \times (-F(1) + F(9)) - F(8) = (T(3) - T(1)) \times (T(9) - T(8)).$$
$$:= (F(3) + F(4)) \times (F(1) + F(6)) = T(3) \times (T(4) + T(1)) - T(6).$$
$$:= (F(3) + F(4)) \times (F(2) + F(6)) = -T(3) + T(4) \times T(2) + T(6).$$
$$:= -F(3) + F(6) + F(4) \times F(7) \quad = T(3) + T(6) - T(4) + T(7).$$
$$:= F(4) \times (F(3) - F(6) + F(8)) \quad = T(4) \times T(3) + T(6) - T(8).$$
$$:= -F(4) + (F(1) + F(5)) \times F(6) = T(4) - T(1) + T(5) + T(6).$$
$$:= F(5) - F(3) \times (F(1) - F(8)) \quad = (T(5) - T(3)) \times T(1) + T(8).$$

$$46 := (F(1) + F(5)) \times F(3) + F(9) \ = T(1) + T(5) \times T(3) - T(9).$$
$$:= F(1) + F(4) \times F(6) + F(8) \quad = -T(1) - T(4) + T(6) + T(8).$$
$$:= -F(1) + F(5) + F(3) \times F(8) = T(1) + T(5) - T(3) + T(8).$$
$$:= -F(2) + F(3) \times F(7) + F(8) = -T(2) \times T(3) + T(7) + T(8).$$
$$:= F(4) \times F(3) + F(5) \times F(6) \quad = T(4) - T(3) \times (T(5) - T(6)).$$

$$47 := F(1) \times F(3) \times F(7) + F(8) \quad = -T(1) + T(3) \times (-T(7) + T(8)).$$
$$:= (F(1) + F(2)) \times F(7) + F(8) \quad = -T(1) + T(2) \times T(7) - T(8).$$
$$:= -F(1) + (F(5) + F(2)) \times F(6) = -T(1) - T(5) + T(2) \times T(6).$$
$$:= -F(2) + F(6) \times F(3) \times F(4) \quad = T(2) \times T(6) - T(3) - T(4).$$
$$:= F(5) + (F(1) + F(2)) \times F(8) \quad = T(5) - T(1) - T(2) + T(8).$$
$$:= -F(5) + (F(4) + F(2)) \times F(7) = (T(5) + T(4)) \times T(2) - T(7).$$

$$48 := (F(1) + F(5)) \times F(2) \times F(6) \quad = -T(1) \times T(5) + T(2) \times T(6).$$
$$:= (F(1) + F(6)) \times F(4) + F(8) \quad = T(1) + T(6) - T(4) + T(8).$$
$$:= F(2) \times F(1) + F(7) + F(9) \quad = T(2) \times (-T(1) - T(7) + T(9)).$$
$$:= (F(2) + F(1)) \times F(4) \times F(6) \quad = T(2) \times (-T(1) + T(4)) + T(6).$$
$$:= F(2) + F(5) + F(6) + F(9) \quad = -T(2) - T(5) + T(6) + T(9).$$
$$:= (F(2) + F(6)) \times F(5) + F(4) \quad = T(2) \times (T(6) - T(5) + T(4)).$$
$$:= (-F(2) + F(3) + F(5)) \times F(6) = T(2) \times (-T(3) + T(5)) + T(6).$$
$$:= (-F(2) + F(8)) \times F(3) + F(6) = -T(2) + T(8) - T(3) + T(6).$$

$$48 := F(3) \times F(9) + F(1) - F(8) \quad = T(3) \times (T(9) - T(1) - T(8)).$$
$$:= (F(3) + F(2) + F(4)) \times F(6) \quad = T(3) \times (-T(2) - T(4) + T(6)).$$
$$:= (-F(3) - F(5) + F(7)) \times F(6) \ = T(3) \times (T(5) - T(7) + T(6)).$$
$$:= F(5) \times F(6) - F(7) + F(8) \quad = (T(5) - T(6)) \times (T(7) - T(8)).$$
$$:= -F(6) + F(2) + F(8) + F(9) \quad = T(6) - T(2) \times (T(8) - T(9)).$$
$$:= F(1) + F(3) \times F(7) + F(8) \quad = T(1) \times T(3) \times (-T(7) + T(8)).$$
$$:= (F(1) + F(2)) \times (F(4) + F(8)) \quad = -T(1) + T(2) + T(4) + T(8).$$
$$:= (F(1) + F(5)) \times (-F(7) + F(8)) = -T(1) - T(5) + T(7) + T(8).$$
$$:= F(1) + F(5) + F(3) \times F(8) \quad = (-T(1) + T(5)) \times T(3) - T(8).$$

$48 := F(2) \times F(3) \times (F(4) + F(8)) \qquad = T(2) \times (-T(3) + T(4)) + T(8).$

$:= F(2) + F(3) \times F(7) + F(8) \qquad = (-T(2) + T(3)) \times T(7) - T(8).$

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

$:= F(3) \times (-F(2) + F(6)) + F(9) \quad = -T(3) \times T(2) + T(6) + T(9).$

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

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

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

$:= F(5) \times (F(6) - F(2)) + F(7) \qquad = -T(5) - T(6) + T(2) \times T(7).$

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

$:= F(4) \times (-F(5) - F(7) + F(9)) \quad = -T(4) - T(5) + T(7) + T(9).$

$49 := (F(1) \times F(4)) \times F(5) + F(9) \quad = -T(1) - T(4) + T(5) + T(9).$

$:= (F(1) + F(7)) \times F(5) - F(8) \quad = T(1) \times T(7) - T(5) + T(8).$

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

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

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

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

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

$50 := (F(2) \times F(4)) \times F(8) - F(7) \qquad = T(2) \times (-T(4) + T(8)) - T(7).$

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

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

$:= F(4) - F(6) + F(8) + F(9) \qquad = -T(4) - T(6) + T(8) + T(9).$

$:= F(1) \times F(6) + F(3) \times F(8) \qquad = -T(1) + T(6) - T(3) + T(8).$

$:= F(1) + F(4) \times F(5) + F(9) \qquad = -T(1) \times T(4) + T(5) + T(9).$

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

$:= -F(3) + (-F(1) + F(5)) \times F(7) = T(3) + T(1) + T(5) + T(7).$

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

$51 := -F(2) - F(4) + F(8) + F(9) \quad = -T(2) \times T(4) + T(8) + T(9).$

$:= F(1) + F(6) + F(3) \times F(8) \qquad = T(1) \times T(6) - T(3) + T(8).$

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

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

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

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

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

$:= F(2) + F(5) \times (F(3) + F(6)) \quad = ((-T(2) + T(5)) \times T(3)) - T(6).$

$:= F(4) \times (F(2) - F(5) + F(8)) \quad = ((T(4) \times T(2)) - T(5)) + T(8).$

$$52 := (-F(1) \times F(2) + F(5)) \times F(7) = (T(1) + T(2)) \times (-T(5) + T(7)).$$
$$:= (F(2) - F(3) + F(5)) \times F(7) = T(2) + T(3) + T(5) + T(7).$$
$$:= (-F(2) + F(4) + F(3)) \times F(7) = T(2) \times T(4) - T(3) + T(7).$$
$$:= (F(2) - F(5) + F(6)) \times F(7) = T(2) \times T(5) - T(6) + T(7).$$
$$:= (F(3) + F(5) - F(4)) \times F(7) = T(3) \times T(5) - T(4) - T(7).$$
$$:= F(5) \times F(7) + F(8) - F(9) = T(5) + T(7) - T(8) + T(9).$$
$$:= F(3) + F(4) \times F(8) - F(7) = T(3) \times T(4) - T(8) + T(7).$$
$$:= F(3) \times (F(5) - F(7) + F(9)) = -T(3) - T(5) + T(7) + T(9).$$
$$:= F(6) + F(3) \times (F(1) + F(8)) = T(6) - T(3) + T(1) + T(8).$$

$$53 := -F(1) \times F(3) + F(8) + F(9) = -T(1) + T(3) \times (-T(8) + T(9)).$$
$$:= F(2) + F(8) - F(4) + F(9) = T(2) \times T(8) - T(4) - T(9).$$
$$:= (F(3) + F(4)) \times F(6) + F(7) = T(3) \times T(4) + T(6) - T(7).$$
$$:= -F(3) + F(6) + F(7) + F(9) = T(3) \times T(6) - T(7) - T(9).$$
$$:= -F(3) - F(6) + F(4) \times F(8) = T(3) + T(6) - T(4) + T(8).$$
$$:= F(1) + (F(2) + F(4)) \times F(7) = -T(1) + T(2) \times (-T(4) + T(7)).$$
$$:= F(1) + F(3) \times (F(5) + F(8)) = -T(1) + T(3) \times T(5) - T(8).$$
$$:= -F(1) + F(4) \times (F(5) + F(7)) = T(1) \times T(4) + T(5) + T(7).$$
$$:= -F(7) + F(4) \times (F(1) + F(8)) = T(7) - T(4) - T(1) + T(8).$$

$$54 := -F(1) \times F(2) + F(9) + F(8) = (-T(1) + T(2)) \times T(9) - T(8).$$
$$:= F(1) - F(3) + F(8) + F(9) = T(1) \times T(3) \times (-T(8) + T(9)).$$
$$:= (F(2) - F(6) + F(9)) \times F(3) = T(2) \times (-T(6) + T(9) - T(3)).$$
$$:= F(3) \times F(8) - F(1) + F(7) = T(3) \times (T(8) + T(1) - T(7)).$$
$$:= (F(2) + F(3)) \times (-F(4) + F(8)) = (T(2) + T(3)) \times T(4) - T(8).$$
$$:= -F(2) + F(7) + F(3) \times F(8) = T(2) \times T(7) + T(3) - T(8).$$
$$:= F(3) \times F(4) \times (F(2) + F(6)) = T(3) \times (T(4) \times T(2) - T(6)).$$

$$54 := (F(3) - F(5)) \times (F(4) - F(8)) = (-T(3) + T(5)) \times T(4) - T(8).$$
$$:= -F(4) - F(6) + F(5) \times F(7) = -T(4) + T(6) + T(5) + T(7).$$
$$:= -F(1) + (F(4) + F(6)) \times F(5) = (T(1) - T(4)) \times (-T(6) + T(5)).$$
$$:= -F(2) + F(5) \times (F(4) + F(6)) = T(2) \times (T(5) + T(4)) - T(6).$$
$$:= F(3) \times (F(1) + F(5) + F(8)) = T(3) \times T(1) \times T(5) - T(8).$$
$$:= F(3) \times (F(2) + F(5) + F(8)) = T(3) - T(2) + T(5) + T(8).$$
$$:= F(3) + (F(2) + F(4)) \times F(7) = (T(3) - T(2)) \times (-T(4) + T(7)).$$
$$:= F(4) \times (F(3) \times F(5) + F(6)) = T(4) \times T(3) + T(5) - T(6).$$

55 $:= (-F(1) + F(3)) \times F(8) + F(9) = T(1) - T(3) \times (T(8) - T(9)).$

$:= (-F(1) + F(6)) \times F(4) + F(9) = -T(1) + T(6) - T(4) + T(9).$

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

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

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

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

$:= F(2) \times F(7) + F(3) \times F(8) \quad = -T(2) + T(7) - T(3) + T(8).$

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

$:= F(4) + F(3) \times (F(5) + F(8)) \quad = T(4) - T(3) + T(5) + T(8).$

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

$:= F(7) - (F(1) - F(4)) \times F(8) \quad = T(7) + T(1) - T(4) + T(8).$

56 $:= (-F(2) + F(5) + F(4)) \times F(6) = T(2) \times T(5) - T(4) + T(6).$

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

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

$:= F(1) - F(5) \times (F(3) - F(7)) \quad = (-T(1) + T(5)) \times T(3) - T(7).$

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

57 $:= F(2) \times F(3) + F(8) + F(9) \quad\quad = T(2) - T(3) \times (T(8) - T(9)).$

$:= -F(2) + F(4) + F(8) + F(9) \quad\quad = T(2) \times (T(4) - T(8) + T(9)).$

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

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

$:= -F(1) + F(4) \times F(6) + F(9) \quad\quad = T(1) - T(4) + T(6) + T(9).$

$:= -F(2) + F(3) \times (-F(5) + F(9)) = T(2) - T(3) + T(5) + T(9).$

$:= F(5) - F(3) \times (F(6) - F(9)) \quad\quad = -T(5) + T(3) + T(6) + T(9).$

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

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

58 $:= F(3) \times F(8) + F(7) + F(4) \quad\quad = T(3) \times (T(8) - T(7)) + T(4).$

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

$:= -F(2) \times F(5) + F(4) \times F(8) \quad = -T(2) + T(5) + T(4) + T(8).$

$:= F(3) \times (F(6) - F(7) + F(9)) \quad = T(3) - T(6) + T(7) + T(9).$

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

$:= -F(5) + (F(1) + F(3)) \times F(8) \quad = T(5) + T(1) + T(3) + T(8).$

59 $:= (F(4) + F(7)) \times F(5) - F(8) \quad = T(4) + T(7) - T(5) + T(8).$

$:= -F(1) - F(6) + F(3) \times F(9) \quad = -T(1) + T(6) - T(3) + T(9).$

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

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

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

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

$$
\begin{aligned}
\mathbf{60} &:= (F(1) + F(4) + F(6)) \times F(5) & &= T(1) \times T(4) \times (T(6) - T(5)). \\
&:= (-F(2) + F(4)) \times F(7) + F(9) & &= -T(2) - T(4) + T(7) + T(9). \\
&:= (-F(2) + F(5)) \times F(7) + F(6) & &= T(2) \times (-T(5) + T(7)) + T(6). \\
&:= F(4) \times F(6) + F(3) + F(9) & &= -T(4) \times T(6) + T(3) \times T(9). \\
&:= F(5) + F(6) + F(7) + F(9) & &= T(5) \times (T(6) + T(7) - T(9)). \\
&:= -F(1) \times F(6) + F(3) \times F(9) & &= T(1) \times T(6) - T(3) + T(9). \\
&:= -F(2) + F(5) \times F(6) + F(8) & &= T(2) \times T(5) - T(6) + T(8). \\
&:= -F(2) + F(3) + F(4) \times F(8) & &= T(2) \times (-T(3) - T(4) + T(8)). \\
&:= (F(2) + F(4)) \times (F(7) + F(3)) & &= T(2) \times (-T(4) + T(7)) + T(3).
\end{aligned}
$$

$$
\begin{aligned}
\mathbf{60} &:= (F(2) + F(5)) \times (F(3) + F(6)) & &= T(2) \times T(5) - T(3) + T(6). \\
&:= (-F(2) + F(5)) \times (F(7) + F(3)) & &= (-T(2) - T(5) + T(7)) \times T(3). \\
&:= (F(3) + F(1)) \times (-F(2) + F(8)) & &= T(3) \times (T(1) + T(2)) + T(8). \\
&:= (F(3) - F(5)) \times (F(1) - F(8)) & &= T(3) \times (T(5) + T(1)) - T(8). \\
&:= (F(3) - F(5)) \times (F(2) - F(8)) & &= T(3) + T(5) + T(2) + T(8). \\
&:= F(7) \times (F(3) + F(2)) + F(8) & &= T(7) \times T(3) - T(2) \times T(8). \\
&:= F(3) \times (-F(1) - F(4) + F(9)) & &= T(3) - T(1) + T(4) + T(9). \\
&:= F(3) \times (F(1) - F(5) + F(9)) & &= (T(3) + T(1)) \times T(5) - T(9). \\
&:= F(3) \times (F(2) + F(6) + F(8)) & &= T(3) - T(2) + T(6) + T(8). \\
&:= -F(6) + (-F(4) + F(5)) \times F(9) & &= T(6) \times (-T(4) + T(5)) - T(9).
\end{aligned}
$$

$$
\begin{aligned}
\mathbf{61} &:= (F(2) + F(5)) \times F(6) + F(7) & &= -T(2) + T(5) + T(6) + T(7). \\
&:= (F(3) + F(4)) \times F(6) + F(8) & &= -T(3) + T(4) + T(6) + T(8). \\
&:= F(1) - F(6) + F(3) \times F(9) & &= T(1) + T(6) - T(3) + T(9). \\
&:= -F(1) + F(3) \times (-F(4) + F(9)) & &= T(1) \times T(3) + T(4) + T(9). \\
&:= -F(5) + F(4) \times (F(1) + F(8)) & &= T(5) + T(4) \times T(1) + T(8).
\end{aligned}
$$

$$
\begin{aligned}
\mathbf{62} &:= -F(1) \times F(2) + F(8) \times F(4) & &= (-T(1) + T(2)) \times T(8) - T(4). \\
&:= F(1) \times F(3) \times (-F(4) + F(9)) & &= T(1) + T(3) + T(4) + T(9). \\
&:= -F(1) - F(3) + F(5) \times F(7) & &= T(1) \times T(3) \times T(5) - T(7). \\
&:= -F(1) + F(4) \times (-F(7) + F(9)) & &= -T(1) - T(4) + T(7) + T(9). \\
&:= -F(2) + F(4) \times (F(6) + F(7)) & &= T(2) + T(4) + T(6) + T(7). \\
&:= -F(3) + F(6) \times (-F(7) + F(8)) & &= T(3) \times T(6) - T(7) - T(8). \\
&:= -F(4) + F(5) \times (-F(6) + F(8)) & &= -T(4) + T(5) + T(6) + T(8).
\end{aligned}
$$

$63 := (-F(1) - F(2) + F(5)) \times F(8) = T(1) \times T(2) \times (-T(5) + T(8)).$

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

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

$\quad := F(2) \times F(6) + F(8) + F(9) \quad\ = T(2) - T(6) + T(8) + T(9).$

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

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

$\quad := (F(5) + F(2) - F(4)) \times F(8) \quad = -T(5) + T(2) \times (-T(4) + T(8)).$

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

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

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

$63 := -F(2) \times F(5) + F(3) \times F(9) \quad\ = (T(2) + T(5)) \times T(3) - T(9).$

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

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

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

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

$\quad := (F(5) + F(3)) \times (F(2) + F(6)) \quad = (-T(5) + T(3) \times T(2)) \times T(6).$

$\quad := -F(1) + F(6) \times (-F(5) + F(7)) = -T(1) + T(6) + T(5) + T(7).$

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

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

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

$64 := F(3) \times F(4) \times F(5) + F(9) \qquad = -T(3) + T(4) + T(5) + T(9).$

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

$\quad := F(1) \times F(6) \times (-F(5) + F(7)) \ = T(1) \times T(6) + T(5) + T(7).$

$\quad := (F(1) + F(2)) \times (-F(3) + F(9)) = T(1) + T(2) \times T(3) + T(9).$

$\quad := (F(2) + F(4)) \times (-F(5) + F(8)) = T(2) + T(4) + T(5) + T(8).$

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

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

$\quad := F(4) \times (F(8) + F(3)) - F(5) \quad\ = T(4) - T(8) + T(3) \times T(5).$

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

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

$$65 := (-F(1) + F(3)) \times F(5) \times F(7) \quad = (T(1) - T(3)) \times (T(5) - T(7)).$$
$$:= (-F(2) \times F(4) + F(6)) \times F(7) \quad = T(2) \times (T(4) + T(6)) - T(7).$$
$$:= (-F(2) + F(3)) \times F(5) \times F(7) \quad = T(2) + T(3) \times T(5) - T(7).$$
$$:= F(1) \times F(5) \times (-F(8) + F(9)) \quad = -T(1) - T(5) + T(8) + T(9).$$
$$:= F(1) + F(2) + F(4) \times F(8) \quad = -T(1) + T(2) \times T(4) + T(8).$$
$$:= (F(3) + F(4)) \times (-F(8) + F(9)) = -T(3) - T(4) + T(8) + T(9).$$
$$:= F(5) + F(4) \times F(7) + F(8) \quad = -T(5) + T(4) \times (-T(7) + T(8)).$$
$$:= F(1) - F(6) \times (F(5) - F(7)) \quad = T(1) + T(6) + T(5) + T(7).$$
$$:= -F(4) + (F(1) + F(2)) \times F(9) \quad = -T(4) \times (T(1) - T(2)) + T(9).$$
$$:= -F(5) + F(3) \times (F(1) + F(9)) \quad = T(5) + T(3) - T(1) + T(9).$$

$$66 := -F(3) + F(7) + F(9) + F(8) \quad = T(3) \times (-T(7) + T(9)) - T(8).$$
$$:= F(1) \times F(3) \times (-F(2) + F(9)) = (T(1) + T(3)) \times T(2) + T(9).$$
$$:= F(2) + F(3) + F(4) \times F(8) \quad = (-T(2) + T(3)) \times T(4) + T(8).$$
$$:= (F(3) + F(1)) \times (F(2) + F(8)) = -T(3) + (-T(1) + T(2)) \times T(8).$$
$$:= -F(3) + F(5) + F(4) \times F(8) \quad = T(3) \times (-T(5) - T(4) + T(8)).$$
$$:= F(1) - F(5) \times (F(8) - F(9)) \quad = -T(1) \times T(5) + T(8) + T(9).$$
$$:= F(1) + F(7) \times F(2) \times F(5) \quad = (-T(1) + T(7)) \times T(2) - T(5).$$
$$:= F(3) \times (-F(2) + F(7) + F(8)) = T(3) \times (T(2) - T(7) + T(8)).$$
$$:= F(3) + (F(4) + F(5)) \times F(6) \quad = T(3) \times T(4) - T(5) + T(6).$$
$$:= F(4) \times (F(2) - F(7) + F(9)) \quad = -T(4) + T(2) + T(7) + T(9).$$
$$:= F(6) - F(3) \times (F(5) - F(9)) \quad = T(6) \times T(3) - T(5) - T(9).$$

$$67 := F(3) \times F(2) + F(5) \times F(7) \quad = -T(3) + T(2) \times T(5) + T(7).$$
$$:= F(4) \times (-F(3) + F(7)) + F(9) \quad = (T(4) - T(3)) \times T(7) - T(9).$$
$$:= -F(2) + (-F(4) + F(5)) \times F(9) = -T(2) + T(4) + T(5) + T(9).$$
$$:= -F(2) + F(3) \times (F(7) + F(8)) \quad = -T(2) + T(3) + T(7) + T(8).$$
$$:= F(3) - (F(4) - F(6)) \times F(7) \quad = T(3) \times T(4) - T(6) + T(7).$$

$$68 := (F(4) \times F(5) - F(7)) \times F(9) \quad = T(4) - T(5) + T(7) + T(9).$$
$$:= F(3) + F(1) + F(5) \times F(7) \quad = T(3) \times (T(1) + T(5)) - T(7).$$
$$:= F(3) \times (-F(5) + F(7) \times F(4)) = T(3) \times (-T(5) + T(7)) - T(4).$$
$$:= F(6) - F(4) \times (F(1) - F(8)) \quad = T(6) + T(4) + T(1) + T(8).$$

$$\begin{aligned}
\mathbf{69} &:= (F(2) + F(5)) \times F(6) + F(8) & &= -T(2) + T(5) + T(6) + T(8).\\
&:= F(2) + F(7) + F(8) + F(9) & &= T(2) \times (-T(7) + T(8)) + T(9).\\
&:= (F(6) - F(2)) \times F(5) + F(9) & &= -T(6) + T(2) \times T(5) + T(9).\\
&:= F(2) + F(4) + F(5) \times F(7) & &= T(2) \times (T(4) - T(5) + T(7)).\\
&:= F(3) \times (F(9) - F(2)) + F(4) & &= -T(3) + T(9) + T(2) \times T(4).\\
&:= -F(3) - F(9) + F(8) \times F(5) & &= T(3) \times (T(9) - T(8)) + T(5).\\
&:= F(5) + F(2) + F(4) \times F(8) & &= T(5) \times (-T(2) + T(4)) - T(8).\\
&:= F(1) - (F(4) - F(5)) \times F(9) & &= -T(1) + T(4) + T(5) + T(9).\\
&:= F(1) + F(3) \times (F(7) + F(8)) & &= -T(1) + T(3) + T(7) + T(8).\\
&:= -F(1) + F(5) \times (F(2) + F(7)) & &= -T(1) \times T(5) + T(2) \times T(7).\\
&:= F(4) \times (F(3) - F(7) + F(9)) & &= -T(4) + T(3) + T(7) + T(9).\\
&:= F(5) - F(6) \times (F(7) - F(8)) & &= T(5) \times (-T(6) + T(7)) - T(8).
\end{aligned}$$

$$\begin{aligned}
\mathbf{70} &:= (-F(1) + F(6)) \times F(3) \times F(5) & &= T(1) - T(6) + T(3) \times T(5).\\
&:= F(1) \times F(5) \times (F(2) + F(7)) & &= (-T(1) + T(5)) \times T(2) + T(7).\\
&:= -F(2) + F(6) + F(4) \times F(8) & &= T(2) + T(6) + T(4) + T(8).\\
&:= (F(3) + F(4)) \times (F(2) + F(7)) & &= T(3) \times (T(4) - T(2)) + T(7).\\
&:= F(4) + F(3) + F(5) \times F(7) & &= T(4) \times (-T(3) - T(5) + T(7)).\\
&:= (-F(4) + F(5)) \times (F(1) + F(9)) & &= T(4) + T(5) \times T(1) + T(9).\\
&:= (-F(4) + F(6)) \times (F(1) + F(7)) & &= T(4) \times (-T(6) \times T(1) + T(7)).\\
&:= F(6) - F(3) \times (F(4) - F(9)) & &= T(6) - T(3) + T(4) + T(9).
\end{aligned}$$

$$\begin{aligned}
\mathbf{71} &:= (F(2) + F(4)) \times F(8) - F(7) & &= -T(2) + T(4) + T(8) + T(7).\\
&:= -F(4) + F(5) \times F(6) + F(9) & &= -T(4) + T(5) + T(6) + T(9).\\
&:= F(4) \times (F(8) + F(2)) + F(5) & &= -T(4) + T(8) + T(2) \times T(5).\\
&:= F(1) + (F(2) + F(7)) \times F(5) & &= (-T(1) + T(2)) \times T(7) + T(5).
\end{aligned}$$

$$\begin{aligned}
\mathbf{72} &:= (-F(2) + F(7)) \times F(3) \times F(4) & &= T(2) \times (T(7) + T(3) - T(4)).\\
&:= (F(3) + F(1)) \times F(4) \times F(6) & &= T(3) \times (T(1) - T(4) + T(6)).\\
&:= (F(1) + F(5)) \times (-F(2) + F(7)) & &= -T(1) + T(5) \times T(2) + T(7).\\
&:= (-F(2) + F(3) \times F(5)) \times F(6) & &= T(2) + T(3) \times T(5) - T(6).\\
&:= F(2) + F(5) \times F(8) - F(9) & &= T(2) \times (T(5) - T(8) + T(9)).\\
&:= (F(2) + F(3)) \times (F(4) + F(8)) & &= T(2) \times (T(3) \times T(4) - T(8)).\\
&:= (F(2) - F(5)) \times (F(4) - F(8)) & &= (-T(2) + T(5) - T(4)) \times T(8).\\
&:= -F(2) + F(5) + F(3) \times F(9) & &= T(2) \times (-T(5) - T(3) + T(9)).\\
&:= F(4) \times (F(3) + F(2)) \times F(6) & &= (T(4) - T(3)) \times (-T(2) + T(6)).\\
&:= F(3) + F(5) \times (F(1) + F(7)) & &= T(3) \times (-T(5) - T(1) + T(7)).\\
&:= -F(4) + F(5) \times (F(3) + F(7)) & &= T(4) + T(5) \times T(3) - T(7).
\end{aligned}$$

$73 := (F(1) + F(4)) \times F(7) + F(8) \quad = -T(1) + T(4) + T(7) + T(8).$

$\quad := (-F(3) + F(5)) \times F(7) + F(9) = T(3) \times T(5) + T(7) - T(9).$

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

$\quad := F(5) - (F(2) - F(4)) \times F(9) \quad = T(5) + T(2) + T(4) + T(9).$

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

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

$74 := (-F(1) + F(8)) \times F(3) + F(9) = -T(1) + T(8) - T(3) + T(9).$

$\quad := (F(1) + F(2)) \times (F(4) + F(9)) = -T(1) + T(2) \times T(4) + T(9).$

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

$75 := (F(2) \times F(3) + F(7)) \times F(5) \quad = -T(2) + T(3) \times (T(7) - T(5)).$

$\quad := F(3) \times F(8) - F(1) + F(9) \quad = -T(3) + T(8) \times T(1) + T(9).$

$\quad := -F(1) + F(6) + F(3) \times F(9) \quad = (-T(1) + T(6)) \times T(3) - T(9).$

$\quad := -F(1) + F(7) + F(4) \times F(8) \quad = T(1) + T(7) + T(4) + T(8).$

$\quad := -F(2) + F(6) + F(3) \times F(9) \quad = T(2) + T(6) + T(3) + T(9).$

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

$\quad := F(4) \times (-F(1) - F(6) + F(9)) = T(4) - T(1) + T(6) + T(9).$

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

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

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

$76 := F(1) \times F(3) \times F(8) + F(9) \quad = T(1) - T(3) + T(8) + T(9).$

$\quad := (-F(1) + F(4)) \times F(9) + F(6) = T(1) \times T(4) + T(9) + T(6).$

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

$77 := (F(4) + F(5)) \times F(6) + F(7) \quad = (-T(4) + T(5)) \times T(6) - T(7).$

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

$\quad := -F(1) + F(4) \times (-F(6) + F(9)) \quad = T(1) + T(4) + T(6) + T(9).$

$78 := (F(1) + F(3) + F(4)) \times F(7) \quad = (-T(1) + T(3)) \times T(4) + T(7).$

$\quad := (-F(1) + F(3) + F(5)) \times F(7) \quad = T(1) \times T(3) \times (-T(5) + T(7)).$

$\quad := (F(2) + F(7)) \times F(5) + F(6) \quad = T(2) \times T(7) + T(5) - T(6).$

$\quad := (F(2) + F(8)) \times F(3) + F(9) \quad = T(2) + T(8) - T(3) + T(9).$

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

$\quad := (F(2) + F(3)) \times (-F(6) + F(9)) = -T(2) + T(3) \times T(6) - T(9).$

$\quad := (F(5) + F(2)) \times (-F(8) + F(9)) = T(5) + T(2) \times T(8) - T(9).$

$\quad := F(3) \times (-F(2) + F(6) \times F(5)) \quad = (T(3) - T(2)) \times T(6) + T(5).$

$\quad := F(4) \times (F(5) - F(7) + F(9)) \quad = -T(4) + T(5) + T(7) + T(9).$

79 $:= F(2) - F(4) \times (F(6) - F(9))$ $= T(2) + T(4) + T(6) + T(9).$
$:= -F(2) + (-F(4) + F(7)) \times F(6)$ $= T(2) \times T(4) + T(7) + T(6).$
$:= -F(2) + (F(7) + F(4)) \times F(5)$ $= T(2) \times T(7) + T(4) - T(5).$
$:= F(7) - F(3) \times (F(1) - F(9))$ $= T(7) + T(3) \times T(1) + T(9).$

80 $:= F(4) \times F(9) - F(1) - F(8)$ $= T(4) \times (T(9) - T(1) - T(8)).$
$:= F(1) \times F(6) \times (F(7) - F(4))$ $= (T(1) - T(6) + T(7)) \times T(4).$
$:= (F(1) - F(5)) \times (F(2) - F(8))$ $= -T(1) + T(5) \times T(2) + T(8).$
$:= -F(1) + F(7) + F(3) \times F(9)$ $= T(1) + T(7) + T(3) + T(9).$
$:= (F(2) + F(7) \times F(4)) \times F(3)$ $= T(2) \times T(7) - T(4) + T(3).$
$:= F(3) + (F(2) + F(5)) \times F(7)$ $= T(3) \times (T(2) + T(5)) - T(7).$
$:= F(6) \times (-F(2) - F(3) + F(7))$ $= (T(6) - T(2)) \times T(3) - T(7).$

81 $:= F(1) \times F(4) \times F(9) - F(8)$ $= (T(1) - T(4)) \times (-T(9) + T(8)).$
$:= (F(2) + F(3)) \times F(9) - F(8)$ $= (T(2) + T(3)) \times (T(9) - T(8)).$
$:= (-F(2) + F(4)) \times F(9) + F(7)$ $= T(2) \times (T(4) + T(9) - T(7)).$
$:= (F(3) + F(8)) \times F(5) - F(9)$ $= T(3) \times (T(8) - T(5)) - T(9).$
$:= F(5) + F(6) + F(3) \times F(9)$ $= (-T(5) + T(6)) \times T(3) + T(9).$
$:= F(2) - F(6) \times (F(4) - F(7))$ $= T(2) \times T(6) - T(4) + T(7).$
$:= F(2) + F(5) \times F(3) \times F(6)$ $= -T(2) \times T(5) + T(3) \times T(6).$
$:= -F(8) + (F(6) - F(5)) \times F(9)$ $= T(8) \times T(6) - T(5) \times T(9).$

82 $:= -F(2) + F(6) \times F(7) - F(8)$ $= -T(2) + T(6) + T(7) + T(8).$
$:= F(3) \times (F(6) - F(1) + F(9))$ $= T(3) \times T(6) + T(1) - T(9).$
$:= -F(5) + F(4) \times (F(6) + F(8))$ $= T(5) + T(4) + T(6) + T(8).$
$:= -F(7) + F(5) \times (-F(3) + F(8))$ $= T(7) + T(5) \times T(3) - T(8).$

83 $:= (F(3) + F(5)) \times F(7) - F(6) = T(3) \times T(5) - T(7) + T(6).$

84 $:= (-F(1) \times F(2) + F(5)) \times F(8)$ $= (T(1) + T(2)) \times (-T(5) + T(8)).$
$:= (F(1) + F(2) + F(3)) \times F(8)$ $= (-T(1) + T(2)) \times (T(3) + T(8)).$
$:= (-F(1) - F(6) + F(7)) \times F(8)$ $= -T(1) + T(6) + T(7) + T(8).$
$:= (F(2) + F(6) - F(5)) \times F(8)$ $= T(2) \times T(6) - T(5) + T(8).$
$:= (-F(2) + F(3) + F(4)) \times F(8)$ $= T(2) \times (T(3) + T(4)) + T(8).$
$:= (F(3) - F(4) + F(5)) \times F(8)$ $= (T(3) - T(4)) \times (T(5) - T(8)).$
$:= (F(1) + F(4)) \times (-F(7) + F(9))$ $= T(1) + T(4) + T(7) + T(9).$
$:= (-F(2) + F(4)) \times (F(9) + F(6))$ $= T(2) \times (-T(4) + T(9)) - T(6).$

$$84 := (-F(2) + F(5)) \times (F(6) + F(7)) = (-T(2) - T(5) + T(6)) \times T(7).$$
$$:= (F(2) - F(5)) \times (F(7) - F(9)) \quad = T(2) \times (T(5) + T(7)) - T(9).$$
$$:= F(3) \times F(4) \times (F(1) + F(7)) \quad\;\; = (-T(3) + T(4) - T(1)) \times T(7).$$
$$:= (F(3) + F(5)) \times (-F(1) + F(7)) = T(3) \times (-T(5) + T(1) + T(7)).$$
$$:= (-F(4) + F(5)) \times (F(6) + F(9)) = T(4) \times T(5) - T(6) - T(9).$$
$$:= (F(5) + F(3)) \times (-F(2) + F(7)) = (-T(5) + T(3) \times T(2)) \times T(7).$$
$$:= (F(6) - F(3)) \times (F(2) + F(7)) \quad = (T(6) - T(3) \times T(2)) \times T(7).$$
$$:= F(3) \times (F(8) + F(9) - F(7)) \quad\;\; = (-T(3) - T(8) + T(9)) \times T(7).$$
$$:= F(4) \times (F(3) - F(6) + F(9)) \quad\;\; = T(4) \times T(3) - T(6) + T(9).$$

$$86 := (F(3) + F(4)) \times F(7) + F(8) = T(3) - T(4) \times (T(7) - T(8)).$$
$$:= F(5) \times (F(4) + F(8)) - F(9) = T(5) - T(4) + T(8) + T(9).$$
$$:= F(3) + (F(1) + F(4)) \times F(8) = (T(3) - T(1)) \times T(4) + T(8).$$

$$87 := (-F(1) + F(9)) \times F(3) + F(8) \quad = T(1) \times T(9) + T(3) + T(8).$$
$$:= (F(2) + F(3)) \times (F(6) + F(8)) \quad = -T(2) + T(3) \times T(6) - T(8).$$
$$:= F(7) + F(6) \times F(5) + F(9) \quad\quad\;\; = -T(7) \times T(6) + T(5) \times T(9).$$
$$:= -F(2) + (-F(3) + F(7)) \times F(6) = T(2) \times (-T(3) + T(7)) + T(6).$$
$$:= F(4) \times (F(7) + F(3) \times F(6)) \quad\; = (-T(4) + T(7)) \times T(3) - T(6).$$

$$88 := -F(1) + F(8) + F(3) \times F(9) \quad\;\; = T(1) + T(8) + T(3) + T(9).$$
$$:= (F(4) + F(6)) \times (-F(5) + F(7)) = T(4) \times (T(6) - T(5)) + T(7).$$
$$:= (F(4) + F(6)) \times (-F(7) + F(8)) = (T(4) - T(6)) \times (T(7) - T(8)).$$
$$:= -F(4) + (F(3) + F(5)) \times F(7) \quad = (T(4) - T(3)) \times T(5) + T(7).$$
$$:= F(6) \times (-F(1) - F(2) + F(7)) \quad = (T(6) - T(1)) \times T(2) + T(7).$$

$$89 := (-F(1) + F(4)) \times F(9) + F(8) = -T(1) + T(4) \times (T(9) - T(8)).$$
$$:= (F(4) - F(2)) \times F(9) + F(8) \quad = -T(4) + T(2) \times T(9) - T(8).$$
$$:= -F(7) + (F(2) + F(3)) \times F(9) = -T(7) + T(2) \times (-T(3) + T(9)).$$

$$90 := (F(2) + F(6)) \times F(3) \times F(5) \quad\;\; = T(2) \times (T(6) - T(3) + T(5)).$$
$$:= F(2) \times F(5) \times (F(8) - F(4)) \quad\;\; = (T(2) \times T(5) - T(8)) \times T(4).$$
$$:= F(3) \times (F(1) + F(6)) \times F(5) \quad\;\; = (T(3) - T(1)) \times T(6) - T(5).$$
$$:= -F(7) + F(2) + F(4) \times F(9) \quad\;\; = (-T(7) + T(2) \times T(4)) \times T(9).$$
$$:= -F(1) + (-F(2) + F(6)) \times F(7) = -T(1) + T(2) \times T(6) + T(7).$$
$$:= F(3) \times (F(8) + F(6) \times F(4)) \quad\;\; = (-T(3) + T(8) - T(6)) \times T(4).$$
$$:= F(4) \times (F(1) - F(5) + F(9)) \quad\;\; = (T(4) - T(1)) \times T(5) - T(9).$$
$$:= F(4) \times (F(2) - F(5) + F(9)) \quad\;\; = (-T(4) - T(2) + T(5)) \times T(9).$$

91 $:= (-F(1) \times F(2) + F(6)) \times F(7) = ((T(1) \times T(2)) \times T(6)) + T(7).$
    $:= (F(1) \times F(3) + F(5)) \times F(7) \quad = (T(1) + T(3)) \times (-T(5) + T(7)).$
    $:= (F(2) - F(3) + F(6)) \times F(7) \quad = (-T(2) + T(3)) \times T(6) + T(7).$
    $:= (-F(2) + F(4) + F(5)) \times F(7) = (T(2) - T(4)) \times (T(5) - T(7)).$
    $:= (F(6) + F(3) - F(4)) \times F(7) \quad = -T(6) + (-T(3) + T(4)) \times T(7).$
    $:= -F(2) + F(5) \times F(8) - F(7) \quad = T(2) \times (-T(5) + T(8)) + T(7).$
    $:= F(2) - F(5) \times (F(4) - F(8)) \quad = T(2) \times T(5) + T(4) + T(8).$

92 $:= (F(3) + F(8)) \times (F(2) + F(4)) = -T(3) + T(8) \times T(2) - T(4).$
    $:= F(1) - (F(2) - F(6)) \times F(7) \quad = T(1) + T(2) \times T(6) + T(7).$

93 $:= (F(2) + F(3)) \times (-F(4) + F(9)) = T(2) \times (T(3) + T(4)) + T(9).$
    $:= F(2) - F(7) + F(5) \times F(8) \quad\quad = T(2) \times (T(7) + T(5)) - T(8).$
    $:= F(4) \times (F(7) \times F(3) + F(5)) \quad = (-T(4) + T(7)) \times T(3) - T(5).$
    $:= -F(4) + (F(7) - F(2)) \times F(6) \quad = (T(4) + T(7)) \times T(2) - T(6).$

94 $:= F(4) \times (F(8) - F(2)) + F(9) = T(4) + T(8) + T(2) + T(9).$
    $:= F(3) \times (F(6) + F(4) \times F(7)) = T(3) \times (T(6) - T(4)) + T(7).$

95 $:= F(4) - F(7) + F(8) \times F(5) \quad = T(4) \times (-T(7) + T(8)) + T(5).$
    $:= F(1) + F(3) \times (F(7) + F(9)) = (-T(1) + T(3)) \times T(7) - T(9).$

96 $:= (-F(2) + F(5)) \times F(4) \times F(6) = T(2) \times (T(5) + T(4)) + T(6).$
    $:= F(3) \times (F(1) + F(5)) \times F(6) \quad = (T(3) - T(1)) \times T(5) + T(6).$
    $:= F(3) \times F(4) \times (-F(5) + F(8)) = (-T(3) + T(4)) \times T(5) + T(8).$
    $:= F(3) + F(4) \times F(9) - F(6) \quad\quad = (T(3) - T(4)) \times (-T(9) + T(6)).$
    $:= (F(5) - F(6)) \times (F(3) - F(9)) = T(5) + T(6) \times T(3) - T(9).$
    $:= F(3) \times (F(1) + F(7) + F(9)) \quad = T(3) \times (-T(1) - T(7) + T(9)).$

97 $:= -F(3) - F(5) + F(6) \times F(7) = T(3) \times T(5) - T(6) + T(7).$

98 $:= -F(1) - F(5) + F(6) \times F(7) = (T(1) - T(5)) \times (T(6) - T(7)).$
    $:= F(3) - F(6) \times (F(1) - F(7)) \quad = T(3) \times T(6) \times T(1) - T(7).$

99 $:= (F(3) + F(5)) \times F(7) + F(6) \quad\quad = T(3) \times (-T(5) + T(7)) + T(6).$
    $:= (F(1) + F(6)) \times (-F(3) + F(7)) = T(1) + T(6) \times T(3) - T(7).$
    $:= F(3) \times (F(5) + F(9)) + F(8) \quad\quad = T(3) \times T(5) + T(9) - T(8).$
    $:= F(3) + F(4) \times F(8) + F(9) \quad\quad\quad = (-T(3) + T(4)) \times T(8) - T(9).$
    $:= F(3) + F(8) \times F(5) - F(6) \quad\quad\quad = -T(3) \times T(8) + T(5) \times T(6).$
    $:= -F(3) - F(1) + F(4) \times F(9) \quad\quad = T(3) \times (-T(1) + T(4)) + T(9).$
    $:= -F(3) - F(2) + F(4) \times F(9) \quad\quad = -T(3) + T(2) \times (-T(4) + T(9)).$
    $:= (-F(3) + F(7)) \times (F(2) + F(6)) = -T(3) + T(7) \times T(2) + T(6).$
    $:= F(3) - F(5) + F(4) \times F(9) \quad\quad\quad = -T(3) + T(5) \times T(4) - T(9).$
    $:= F(4) \times (-F(6) + F(9)) + F(8) \quad = (T(4) - T(6)) \times (-T(9) + T(8)).$
    $:= (F(5) - F(6)) \times (F(2) - F(9)) \quad = -T(5) - T(6) + T(2) \times T(9).$

$$
\begin{aligned}
\mathbf{100} &:= -F(1) - F(2) + F(9) \times F(4) &&= (-T(1) + T(2)) \times T(9) + T(4). \\
&:= (-F(2) + F(8)) \times (F(3) + F(4)) &&= T(2) \times (T(8) - T(3)) + T(4). \\
&:= F(4) \times (F(1) + F(8)) + F(9) &&= T(4) \times (T(1) - T(8) + T(9)). \\
&:= F(4) \times (F(2) + F(9)) - F(5) &&= T(4) + T(2) \times (T(9) - T(5)). \\
&:= -F(4) - F(2) + F(6) \times F(7) &&= T(4) \times (T(2) - T(6) + T(7)). \\
&:= -F(5) + (-F(6) + F(7)) \times F(8) &&= T(5) + T(6) + T(7) + T(8).
\end{aligned}
$$

$$
\begin{aligned}
\mathbf{101} &:= -F(2) - F(3) + F(6) \times F(7) &&= T(2) + T(3) \times T(6) - T(7). \\
&:= F(6) \times (-F(4) + F(7)) + F(8) &&= T(6) - T(4) \times (T(7) - T(8)). \\
&:= -F(4) + F(6) \times F(2) \times F(7) &&= T(4) + T(6) \times T(2) + T(7).
\end{aligned}
$$

$$
\begin{aligned}
\mathbf{102} &:= (F(1) \times F(2) + F(3)) \times F(9) &&= (-T(1) + T(2)) \times (T(3) + T(9)). \\
&:= F(2) \times F(1) \times F(4) \times F(9) &&= T(2) \times (-T(1) - T(4) + T(9)). \\
&:= (-F(2) + F(3)) \times F(4) \times F(9) &&= -T(2) + T(3) \times T(4) + T(9). \\
&:= (F(2) + F(8)) \times F(5) - F(6) &&= T(2) \times T(8) + T(5) - T(6). \\
&:= (F(2) - F(4) + F(5)) \times F(9) &&= -T(2) + T(4) \times T(5) - T(9). \\
&:= (F(3) \times F(7) + F(6)) \times F(4) &&= T(3) \times (T(7) - T(6) + T(4)). \\
&:= (-F(3) + F(7) - F(6)) \times F(9) &&= T(3) \times T(7) - T(6) - T(9). \\
&:= (F(5) \times F(2) - F(3)) \times F(9) &&= -T(5) + T(2) \times (-T(3) + T(9)). \\
&:= -F(2) - F(1) + F(7) \times F(6) &&= T(2) \times (-T(1) + T(7)) + T(6). \\
&:= (F(2) + F(3)) \times (F(7) + F(8)) &&= T(2) \times (-T(3) + T(7)) + T(8). \\
&:= F(4) \times (-F(6) + F(3) \times F(8)) &&= (-T(4) + T(6)) \times T(3) + T(8).
\end{aligned}
$$

$$
\begin{aligned}
\mathbf{103} &:= -F(1) + F(6) \times (-F(8) + F(9)) &&= T(1) + T(6) + T(8) + T(9). \\
&:= -F(2) + (F(4) + F(5)) \times F(7) &&= T(2) \times (T(4) + T(5)) + T(7). \\
&:= F(4) - F(5) \times (F(2) - F(8)) &&= T(4) - T(5) + T(2) \times T(8).
\end{aligned}
$$

$$
\begin{aligned}
\mathbf{104} &:= (F(1) + F(6) - F(2)) \times F(7) &&= -T(1) + T(6) + T(2) \times T(7). \\
&:= (F(3) - F(1)) \times F(6) \times F(7) &&= T(3) \times (T(1) + T(6)) - T(7). \\
&:= F(1) \times F(3) + F(4) \times F(9) &&= -T(1) + T(3) \times T(4) + T(9). \\
&:= F(1) + F(2) + F(4) \times F(9) &&= -T(1) + T(2) \times (-T(4) + T(9)). \\
&:= (F(4) + F(1)) \times (F(5) + F(8)) &&= T(4) \times (-T(1) + T(5)) - T(8). \\
&:= (F(4) + F(2)) \times (F(9) - F(6)) &&= -T(4) + T(2) \times T(9) - T(6). \\
&:= -F(1) + F(5) \times (F(6) + F(7)) &&= -T(1) + T(5) \times (-T(6) + T(7)). \\
&:= -F(2) + F(8) \times (F(3) + F(4)) &&= T(2) \times T(8) + T(3) - T(4). \\
&:= F(5) - F(4) \times (F(1) - F(9)) &&= T(5) \times T(4) - T(1) - T(9).
\end{aligned}
$$

$105 := (-F(1) + F(3)) \times F(5) \times F(8) = (T(1) - T(3)) \times (T(5) - T(8)).$

$:= (-F(1) - F(3) + F(6)) \times F(8) = (T(1) + T(3)) \times (-T(6) + T(8)).$

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

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

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

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

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

$:= F(1) \times F(5) \times (F(6) + F(7)) \quad = T(1) \times T(5) \times (-T(6) + T(7)).$

$105 := F(2) \times F(4) \times (F(1) + F(9)) \quad = T(2) \times (-T(4) \times T(1) + T(9)).$

$:= F(2) \times F(8) \times (F(7) - F(6)) \quad = (-T(2) + T(8) - T(7)) \times T(6).$

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

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

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

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

$:= F(2) + F(6) \times (-F(8) + F(9)) = T(2) + T(6) + T(8) + T(9).$

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

$106 := -F(1) + F(5) + F(4) \times F(9) = T(1) + T(5) \times T(4) - T(9).$

$:= F(1) + (F(2) + F(9)) \times F(4) \quad = T(1) + T(2) \times (T(9) - T(4)).$

$:= F(1) + F(5) \times (F(6) + F(7)) \quad = T(1) - T(5) \times (T(6) - T(7)).$

$107 := -F(2) + (F(3) + F(9)) \times F(4) = T(2) \times (-T(3) + T(9)) - T(4).$

$:= F(3) - F(5) \times (F(7) - F(9)) \quad = T(3) \times T(5) - T(7) + T(9).$

$108 := (F(2) + F(1) + F(9)) \times F(4) \quad = T(2) \times (T(1) + T(9) - T(4)).$

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

$:= (-F(1) + F(7)) \times (F(2) + F(6)) = (T(1) + T(7)) \times T(2) + T(6).$

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

$:= F(2) + F(5) + F(4) \times F(9) \quad = T(2) + T(5) \times T(4) - T(9).$

$:= -F(2) + F(5) + F(6) \times F(7) \quad = T(2) - T(5) \times (T(6) - T(7)).$

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

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

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

$:= F(6) - F(5) \times (F(2) - F(8)) \quad = (T(6) - T(5) - T(2)) \times T(8).$

$110 := F(5) + F(4) \times (F(2) + F(9)) = -T(5) - T(4) + T(2) \times T(9).$

$111 := (F(3) + F(2)) \times (F(4) + F(9)) \quad = T(3) - T(2) \times (T(4) - T(9)).$

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

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

$112 := (-F(3) + F(4) + F(7)) \times F(6) = (T(3) + T(4)) \times (T(7) - T(6)).$
$\quad := F(4) \times F(3) \times F(7) + F(9) \quad\;\; = T(4) - T(3) \times (T(7) - T(9)).$
$\quad := F(7) \times F(6) + F(5) + F(4) \quad\;\; = T(7) \times (-T(6) + T(5) + T(4)).$
$\quad := (F(4) + F(5)) \times (F(1) + F(7)) = (-T(4) + T(5) - T(1)) \times T(7).$
$\quad := -F(5) + (F(1) + F(6)) \times F(7) = (T(5) + T(1)) \times (-T(6) + T(7)).$

$113 := -F(3) + F(7) + F(4) \times F(9) = T(3) \times T(7) - T(4) - T(9).$
$\quad := F(4) + F(5) \times (F(1) + F(8)) \; = T(4) \times T(5) - T(1) - T(8).$
$\quad := F(4) + F(5) \times (F(2) + F(8)) \; = -T(4) + T(5) + T(2) \times T(8).$

$114 := F(3) \times F(5) \times F(6) + F(9) \quad\;\; = T(3) \times T(5) - T(6) + T(9).$
$115 := F(5) \times (F(4) - F(1) + F(8)) \quad = T(5) \times T(4) + T(1) - T(8).$
$116 := F(3) \times (-F(5) + F(4) \times F(8)) = T(3) \times T(5) - T(4) + T(8).$

$117 := (F(1) + F(4) + F(5)) \times F(7) \quad = (T(1) - T(4)) \times (T(5) - T(7)).$
$\quad := (-F(1) + F(3) \times F(5)) \times F(7) = -T(1) + T(3) \times T(5) + T(7).$
$\quad := -F(2) + F(5) \times F(8) + F(7) \quad = -T(2) + T(5) \times (T(8) - T(7)).$
$\quad := (-F(2) + F(3) \times F(5)) \times F(7) = (T(2) + T(3)) \times (-T(5) + T(7)).$
$\quad := (F(3) + F(2)) \times (F(5) + F(9)) \; = T(3) \times (-T(2) + T(5)) + T(9).$

$119 := F(1) + F(5) \times F(8) + F(7) \quad\;\; = -T(1) + T(5) \times (T(8) - T(7)).$
$\quad := F(4) \times F(5) + F(7) \times F(6) \quad\;\; = (-T(4) + T(5)) \times T(7) - T(6).$
$\quad := -F(1) + F(5) \times F(4) \times F(6) = (-T(1) + T(5)) \times T(4) - T(6).$
$\quad := F(3) + (F(1) + F(6)) \times F(7) \; = (T(3) + T(1)) \times T(6) - T(7).$

$120 := (F(1) + F(3)) \times F(6) \times F(5) \quad\;\; = (-T(1) + T(3)) \times T(6) + T(5).$
$\quad := (F(2) \times F(4)) \times F(6) \times F(5) \quad\;\; = (-T(2) - T(4) + T(6)) \times T(5).$
$\quad := (-F(2) + F(8)) \times F(3) \times F(4) \quad = T(2) \times (T(8) - T(3) + T(4)).$
$\quad := F(4) \times (F(9) - F(2)) + F(8) \quad\;\; = T(4) \times (T(9) + T(2) - T(8)).$
$\quad := (F(5) + F(2)) \times (-F(1) + F(8)) = T(5) - T(2) \times (T(1) - T(8)).$
$\quad := F(4) \times (F(1) + F(5) + F(9)) \quad\;\; = (T(4) + T(1)) \times T(5) - T(9).$
$\quad := F(5) \times (F(1) + F(3) + F(8)) \quad\;\; = (T(5) - T(1)) \times T(3) + T(8).$
$\quad := F(6) \times (-F(3) \times F(4) + F(8)) \; = T(6) \times (-T(3) + T(4)) + T(8).$

$122 := -F(4) + F(8) + F(6) \times F(7) = T(4) \times (T(8) - T(6)) - T(7).$

$123 := (F(2) + F(5)) \times F(8) - F(4) = T(2) \times (T(5) + T(8) - T(4)).$
$\quad := F(2) \times F(8) + F(4) \times F(9) \;\; = T(2) \times (T(8) - T(4)) + T(9).$

$124 := (-F(2) + F(8) \times F(4)) \times F(3) = T(2) \times T(8) + T(4) + T(3).$
$\quad := F(3) \times (-F(4) + F(5) \times F(7)) = -T(3) + T(4) \times (-T(5) + T(7)).$

$125 := (-F(1) + F(3) \times F(7)) \times F(5) = (-T(1) + T(3)) \times T(7) - T(5).$

$126 := (-F(1) + F(3) + F(5)) \times F(8) \quad = T(1) \times T(3) \times T(5) + T(8).$
$:= (-F(2) + F(8)) \times F(6) - F(9) \quad = T(2) \times (T(8) + T(6)) - T(9).$
$:= (-F(3) - F(5) + F(7)) \times F(8) \quad = T(3) - T(5) \times (T(7) - T(8)).$
$:= (F(6) \times F(5) - F(9)) \times F(8) \quad = T(6) \times (T(5) - T(9) + T(8)).$
$:= (F(6) + F(2) - F(4)) \times F(8) \quad = T(6) \times (-T(2) \times T(4) + T(8)).$
$:= (F(6) - F(2) - F(1)) \times F(8) \quad = T(6) - T(2) \times (T(1) - T(8)).$
$:= F(2) \times F(4) \times (F(9) + F(6)) \quad = T(2) \times (-T(4) + T(9)) + T(6).$
$:= (F(2) + F(5)) \times (F(6) + F(7)) \quad = (T(2) + T(5)) \times (-T(6) + T(7)).$
$:= (F(3) + F(5)) \times (-F(4) + F(8)) = (-T(3) + T(5)) \times T(4) + T(8).$

$127 := -F(4) + F(3) \times F(7) \times F(5) = (T(4) - T(3)) \times T(7) + T(5).$
$128 := (F(1) + F(4) \times F(5)) \times F(6) = -T(1) + T(4) \times T(5) - T(6).$

$129 := F(4) \times F(6) + F(5) \times F(8) \quad = (-T(4) + T(6)) \times T(5) - T(8).$
$:= -F(2) + F(3) \times F(5) \times F(7) \quad = (-T(2) + T(3)) \times (T(5) + T(7)).$
$:= -F(2) + (F(3) + F(6)) \times F(7) = T(2) \times (-T(3) + T(6) + T(7)).$
$:= -F(2) + (F(9) - F(6)) \times F(5) = T(2) \times T(9) - T(6) + T(5).$
$:= F(4) + (F(1) + F(5)) \times F(8) \quad = (T(4) + T(1)) \times T(5) - T(8).$

$130 := (-F(1) + F(4)) \times F(5) \times F(7) = T(1) \times T(4) \times (-T(5) + T(7)).$
$:= (-F(4) + F(6)) \times F(3) \times F(7) = T(4) \times (-T(6) + T(3) + T(7)).$
$:= (F(4) - F(7)) \times (F(6) - F(8)) \quad = T(4) \times (T(7) + T(6) - T(8)).$

$132 := F(3) \times F(4) \times (F(2) + F(8)) \quad = (T(3) - T(4)) \times (T(2) - T(8)).$
$:= -F(7) + F(5) \times (F(6) + F(8)) = T(7) \times (-T(5) + T(6)) - T(8).$

$133 := F(4) \times F(5) \times F(6) + F(7) = (-T(4) + T(5)) \times T(6) + T(7).$

$135 := (F(2) + F(7) \times F(3)) \times F(5) \quad = (-T(2) + T(7)) \times T(3) - T(5).$
$:= -F(4) + F(6) \times F(7) + F(9) \quad = (T(4) + T(6) - T(7)) \times T(9).$
$:= F(4) \times (F(2) + F(6)) \times F(5) \quad = (T(4) \times T(2) - T(6)) \times T(5).$
$:= F(5) \times (F(2) - F(6) + F(9)) \quad = (-T(5) - T(2) + T(6)) \times T(9).$
$:= F(5) \times (-F(3) + F(6) + F(8)) = (T(5) - T(3)) \times (-T(6) + T(8)).$

$136 := (F(1) + F(2) + F(3)) \times F(9) \quad = T(1) - (T(2) - T(3)) \times T(9).$
$:= (F(1) - F(3) + F(5)) \times F(9) \quad = T(1) + T(3) \times T(5) + T(9).$
$:= (-F(2) - F(6) + F(7)) \times F(9) = T(2) \times T(6) + T(7) + T(9).$
$:= F(3) \times (F(4) + F(5) \times F(7)) \quad = T(3) - T(4) \times (T(5) - T(7)).$
$:= F(6) \times (F(5) - F(2) + F(7)) \quad = (T(6) + T(5)) \times T(2) + T(7).$

138 $:= -F(2) + F(5) \times F(8) + F(9) = T(2) - T(5) \times (T(8) - T(9)).$

$:= F(3) + (F(5) - F(2)) \times F(9) = T(3) \times T(5) + T(2) + T(9).$

140 $:= -F(2) + (F(7) + F(9)) \times F(4) = (-T(2) - T(7) + T(9)) \times T(4).$

141 $:= F(4) \times F(5) \times F(6) + F(8) = (-T(4) + T(5)) \times T(6) + T(8).$

$:= F(3) + F(5) \times F(8) + F(9) = T(3) - T(5) \times (T(8) - T(9)).$

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

$:= F(4) \times (F(3) \times F(9) - F(8)) = T(4) \times T(3) + T(9) + T(8).$

$:= F(4) \times (F(8) \times F(3) + F(5)) = (-T(4) + T(8)) \times T(3) - T(5).$

$:= F(7) - F(6) \times (F(5) - F(8)) = (T(7) - T(6)) \times T(5) + T(8).$

143 $:= (F(5) + F(4) \times F(3)) \times F(7) = -T(5) - T(4) + T(3) \times T(7).$

$:= (F(7) - F(3)) \times (-F(8) + F(9)) = -T(7) + T(3) \times T(8) - T(9).$

144 $:= (-F(2) + F(9)) \times F(5) - F(8) = T(2) \times (T(9) + T(5)) - T(8).$

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

$:= (F(1) + F(5)) \times (F(4) + F(8)) = (-T(1) + T(5) - T(4)) \times T(8).$

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

$:= (F(2) + F(5)) \times (F(4) + F(8)) = (T(2) + T(5)) \times T(4) - T(8).$

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

$:= (F(3) + F(9)) \times (-F(2) + F(5)) = -(T(3) - (T(9) \times T(2))) + T(5).$

144 $:= F(4) \times (F(1) + F(5)) \times F(6) = ((T(4) + T(1)) \times T(5)) - T(6).$

$:= F(5) \times (F(1) + F(8)) + F(9) = (T(5) + T(1)) \times (-T(8) + T(9)).$

$:= F(8) \times F(3) + F(4) \times F(9) = -T(8) + ((-T(3) + T(4)) \times T(9)).$

$:= -F(2) + F(5) \times (F(6) + F(8)) = (T(2) \times (T(5) + T(6))) + T(8).$

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

$:= F(6) + (F(1) + F(4)) \times F(9) = (T(6) \times (-T(1) + T(4))) - T(9).$

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

145 $:= (F(4) \times F(8) - F(9)) \times F(5) = T(4) - (T(8) - T(9)) \times T(5).$

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

147 $:= (F(1) \times F(3) + F(5)) \times F(8) = (T(1) + T(3)) \times (-T(5) + T(8)).$

$:= (-F(2) - F(5) + F(7)) \times F(8) = T(2) \times (-T(5) + T(7) + T(8)).$

$:= (-F(2) + F(4) + F(5)) \times F(8) = (T(2) - T(4)) \times (T(5) - T(8)).$

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

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

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

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

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

$149 := F(6) + F(4) \times (F(7) + F(9)) = -T(6) + T(4) \times (-T(7) + T(9)).$

$150 := (F(3) + F(8)) \times F(6) - F(9) \quad = T(3) \times T(8) - T(6) - T(9).$
$\quad := F(1) - F(8) + F(9) \times F(5) \quad\quad = (T(1) - T(8) + T(9)) \times T(5).$
$\quad := F(4) - (F(1) - F(6)) \times F(8) \quad = T(4) \times T(1) \times (-T(6) + T(8)).$
$\quad := F(4) \times (F(6) + F(3) \times F(8)) \quad = (T(4) + T(6)) \times T(3) - T(8).$
$\quad := F(4) + (F(3) + F(5)) \times F(8) \quad = T(4) \times (-T(3) - T(5) + T(8)).$
$\quad := F(5) \times (-F(2) - F(4) + F(9)) = T(5) \times (T(2) + T(4)) - T(9).$

$152 := (-F(2) + F(9)) \times F(5) - F(7) = T(2) \times (T(9) + T(5)) - T(7).$

$153 := -F(3) - F(7) + F(6) \times F(8) = T(3) \times T(7) + T(6) - T(8).$
$\quad := F(2) - F(6) \times (F(3) - F(8)) \quad = -T(2) \times T(6) + T(3) \times T(8).$

$156 := (F(2) + F(5)) \times F(3) \times F(7) \quad = T(2) - T(5) + T(3) \times T(7).$
$157 := -F(7) + (F(3) + F(4)) \times F(9) = T(7) \times (-T(3) + T(4)) + T(9).$
$158 := F(4) + F(6) \times F(8) - F(7) \quad\quad = -T(4) + T(6) \times (T(8) - T(7)).$

$160 := (-F(1) + F(6)) \times F(8) + F(7) = (T(1) - T(6)) \times (-T(8) + T(7)).$
$\quad := F(5) \times (-F(4) + F(2) + F(9)) = T(5) + T(4) + T(2) \times T(9).$

$161 := (-F(1) + F(6)) \times (F(3) + F(8)) \quad = -T(1) + T(6) \times T(3) + T(8).$
$\quad := -F(6) + (-F(8) + F(9)) \times F(7) = T(6) \times (-T(8) + T(9)) - T(7).$

$162 := F(4) \times (F(7) + F(9)) + F(8) = (T(4) - T(7)) \times (-T(9) + T(8)).$
$\quad := F(3) - F(6) \times (F(1) - F(8)) = T(3) \times T(6) \times T(1) + T(8).$
$\quad := F(3) - F(6) \times (F(2) - F(8)) = T(3) \times (T(6) \times T(2) - T(8)).$

$164 := -F(4) - F(1) + F(6) \times F(8) = T(4) \times (-T(1) + T(6)) - T(8).$

$165 := -F(1) \times F(4) + F(6) \times F(8) \quad = (T(1) + T(4)) \times (-T(6) + T(8)).$
$\quad := -F(2) - F(3) + F(6) \times F(8) \quad = T(2) + T(3) \times T(6) + T(8).$
$\quad := (F(3) + F(1)) \times (F(8) + F(9)) \quad = T(3) \times (-T(1) + T(8)) - T(9).$
$\quad := (F(3) + F(2)) \times (F(9) + F(8)) \quad = -T(3) + T(2) \times T(9) + T(8).$
$\quad := -F(4) - F(3) + F(5) \times F(9) \quad = T(4) \times (T(3) + T(5)) - T(9).$
$\quad := (F(4) - F(6)) \times (F(1) - F(9)) \quad = T(4) \times T(6) \times T(1) - T(9).$
$\quad := F(5) \times F(1) \times (-F(2) + F(9)) = -T(5) + (T(1) + T(2)) \times T(9).$
$\quad := F(5) \times (F(7) - F(2) + F(8)) \quad = (T(5) + T(7)) \times T(2) + T(8).$

$167 := F(7) \times F(5) + F(4) \times F(9) \quad\quad = -T(7) + T(5) \times T(4) + T(9).$
$\quad := -F(3) + (F(8) - F(6)) \times F(7) = T(3) \times T(8) - T(6) - T(7).$

168 $:= F(2) \times F(1) \times F(6) \times F(8) \qquad = T(2) \times (-T(1) + T(6) + T(8)).$

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

$\quad := (F(3) - F(1)) \times F(6) \times F(8) \quad = T(3) \times (T(1) + T(6)) + T(8).$

$\quad := -F(2) \times F(3) + F(9) \times F(5) \quad = T(2) \times (T(3) + T(9)) + T(5).$

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

$\quad := -F(1) + (F(5) + F(6)) \times F(7) \quad = (-T(1) \times T(5) + T(6)) \times T(7).$

$\quad := -F(1) + (-F(6) + F(8)) \times F(7) = (T(1) \times T(6)) \times (T(8) - T(7)).$

$\quad := -F(2) + (-F(8) + F(9)) \times F(7) = (-T(2) - T(8) + T(9)) \times T(7).$

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

169 $:= (F(1) \times F(5) + F(6)) \times F(7) \quad = T(1) - (T(5) - T(6)) \times T(7).$

$\quad := (-F(1) \times F(6) + F(8)) \times F(7) = T(1) + T(6) \times (T(8) - T(7)).$

170 $:= (-F(1) - F(3) + F(6)) \times F(9) = -T(1) + T(3) \times T(6) + T(9).$

$\quad := (F(4) + F(1) + F(2)) \times F(9) \quad = -T(4) + (T(1) + T(2)) \times T(9).$

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

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

$\quad := F(1) + F(2) + F(6) \times F(8) \qquad = -T(1) + T(2) \times (T(6) + T(8)).$

171 $:= F(2) \times F(4) + F(6) \times F(8) = -T(2) + T(4) \times T(6) - T(8).$

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

172 $:= F(3) \times F(9) + F(6) \times F(7) \qquad = T(3) \times (T(9) - T(6)) + T(7).$

173 $:= -F(4) + F(6) \times (F(1) + F(8)) \quad = T(4) \times T(6) - T(1) - T(8).$

175 $:= (-F(4) + F(6)) \times (F(1) + F(9)) = T(4) \times (T(6) + T(1)) - T(9).$

176 $:= (F(1) + F(6)) \times F(8) - F(7) \quad = (T(1) + T(6)) \times (T(8) - T(7)).$

$\quad := (F(4) + F(5)) \times (F(1) + F(8)) = T(4) \times (T(5) - T(1)) + T(8).$

177 $:= (F(2) + F(9)) \times F(5) + F(3) = -T(2) + (T(9) - T(5)) \times T(3).$

178 $:= -F(4) + F(6) \times F(8) + F(7) = T(4) \times (-T(6) + T(8)) + T(7).$

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

179 $:= -F(1) + (F(3) + F(9)) \times F(5) = -T(1) + T(3) \times (T(9) - T(5)).$

180 $:= (F(1) \times F(3) + F(9)) \times F(5) \qquad = T(1) \times T(3) \times (T(9) - T(5)).$

$\quad := (F(3) \times F(5)) \times (-F(4) + F(8)) = -T(3) + T(5) \times T(4) + T(8).$

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

$\quad := F(3) + F(6) + F(5) \times F(9) \qquad = (-T(3) + T(6)) \times T(5) - T(9).$

$\quad := (-F(4) + F(6)) \times (F(3) + F(9)) = T(4) \times (-T(6) - T(3) + T(9)).$

$\quad := F(5) \times (-F(1) + F(4) + F(9)) \quad = (T(5) - T(1) - T(4)) \times T(9).$

$\quad := F(5) \times (-F(2) + F(4) + F(9)) \quad = T(5) + T(2) \times (T(4) + T(9)).$

$181 := F(1) + (F(3) + F(9)) \times F(5) = T(1) + T(3) \times (T(9) - T(5)).$

$183 := (-F(3) + F(6)) \times F(9) - F(8) = -T(3) + T(6) \times (T(9) - T(8)).$
$:= F(3) + F(7) + F(6) \times F(8) = T(3) \times T(7) - T(6) + T(8).$
$:= F(5) \times (F(2) + F(9)) + F(6) = -T(5) + T(2) \times (T(9) + T(6)).$
$:= F(7) + (F(4) + F(3)) \times F(9) = (T(7) + T(4)) \times T(3) - T(9).$

$184 := F(6) \times (-F(1) + F(4) + F(8)) = (T(6) + T(1)) \times T(4) - T(8).$
$185 := F(1) \times F(5) \times (F(4) + F(9)) = (-T(1) + T(5)) \times T(4) + T(9).$
$186 := (-F(2) + F(9)) \times F(5) + F(8) = T(2) \times T(9) + T(5) + T(8).$

$189 := (F(1) + F(4) + F(5)) \times F(8) = (T(1) - T(4)) \times (T(5) - T(8)).$
$:= (-F(2) + F(3) + F(6)) \times F(8) = T(2) \times (T(3) + T(6) + T(8)).$
$:= (F(6) + F(3) - F(1)) \times F(8) = -T(6) + T(3) \times (-T(1) + T(8)).$
$:= (-F(2) + F(3) \times F(5)) \times F(8) = (T(2) + T(3)) \times (-T(5) + T(8)).$
$:= -F(3) + F(5) \times F(9) + F(8) = (T(3) + T(5)) \times (T(9) - T(8)).$
$:= F(4) \times (F(6) - F(5)) \times F(8) = T(4) \times T(6) + T(5) - T(8).$
$:= F(6) \times (F(1) + F(8)) + F(7) = T(6) \times (T(1) + T(8) - T(7)).$
$:= F(4) \times (-F(5) + F(3) \times F(9)) = T(4) \times T(5) - T(3) + T(9).$
$:= F(5) + F(6) \times (F(3) + F(8)) = T(5) \times (T(6) - T(3)) - T(8).$

$192 := (F(2) + F(3) + F(8)) \times F(6) = -T(2) + T(3) \times T(8) - T(6).$
$:= (-F(2) + F(7)) \times F(3) \times F(6) = T(2) + T(7) \times T(3) + T(6).$

$193 := -F(3) + F(7) \times F(4) \times F(5) = T(3) \times T(7) + T(4) + T(5).$

$195 := (F(3) + F(6) + F(5)) \times F(7) = (T(3) - T(6)) \times (T(5) - T(7)).$
$:= (F(5) + F(8)) \times F(6) - F(7) = T(5) \times (-T(8) + T(6) + T(7)).$
$:= (F(6) \times F(3) - F(1)) \times F(7) = T(6) + T(3) \times (T(1) + T(7)).$
$:= (F(3) + F(4)) \times (F(5) + F(9)) = (T(3) + T(4)) \times T(5) - T(9).$

$198 := (F(4) - F(8)) \times (F(3) - F(7)) = T(4) + T(8) \times T(3) - T(7).$
$:= F(3) \times (F(7) \times F(5) + F(9)) = T(3) \times T(7) - T(5) + T(9).$

$199 := -F(4) + F(6) \times F(8) + F(9) = T(4) - T(6) \times (T(8) - T(9)).$
$200 := (-F(1) + F(8)) \times F(3) \times F(5) = -T(1) + T(8) \times T(3) - T(5).$
$202 := -F(6) + (-F(4) + F(7)) \times F(8) = T(6) \times T(4) + T(7) - T(8).$

$204 := (-F(3) \times F(2) + F(6)) \times F(9) = T(3) + T(2) \times (T(6) + T(9)).$
$:= (F(3) + F(1) + F(4)) \times F(9) = T(3) \times (-T(1) - T(4) + T(9)).$
$:= (F(6) \times F(1) - F(3)) \times F(9) = -T(6) + (-T(1) + T(3)) \times T(9).$
$:= (F(6) + F(4) - F(5)) \times F(9) = -T(6) + (-T(4) + T(5)) \times T(9).$
$:= F(3) \times (-F(4) + F(5) \times F(8)) = (T(3) + T(4)) \times T(5) - T(8).$

205 $:= (F(3) + F(7) \times F(4)) \times F(5) = (-T(3) + T(7)) \times T(4) - T(5).$

207 $:= (F(2) + F(3) \times F(9)) \times F(4) \quad = -T(2) + T(3) \times (T(9) - T(4)).$
$\quad := -F(2) + F(7) \times F(3) \times F(6) \quad = (T(2) + T(7)) \times T(3) + T(6).$
$\quad := -F(2) + (F(8) + F(5)) \times F(6) = -T(2) \times T(8) + T(5) \times T(6).$

208 $:= (F(4) - F(2)) \times F(6) \times F(7) = T(4) \times (-T(2) + T(6)) + T(7).$
$\quad := F(3) \times (F(4) + F(5)) \times F(7) = (T(3) + T(4)) \times (-T(5) + T(7)).$

210 $:= (-F(1) + F(4)) \times F(5) \times F(8) = T(1) \times T(4) \times (-T(5) + T(8)).$
$\quad := (-F(1) + F(7) - F(3)) \times F(8) = (T(1) + T(7)) \times T(3) + T(8).$
$\quad := (-F(2) - F(3) + F(7)) \times F(8) = T(2) \times (T(3) + T(7) + T(8)).$
$\quad := (F(4) + F(5) + F(3)) \times F(8) \quad = (-T(4) + T(5)) \times (T(3) + T(8)).$
$\quad := (-F(4) + F(6)) \times F(3) \times F(8) = T(4) \times (-T(6) + T(3) + T(8)).$
$\quad := F(3) \times F(4) \times (F(1) + F(9)) \quad = T(3) \times (-T(4) \times T(1) + T(9)).$
$\quad := F(3) \times F(8) \times (-F(6) + F(7)) = (T(3) - T(8)) \times (T(6) - T(7)).$
$\quad := F(6) \times (F(1) + F(8)) + F(9) \quad = T(6) \times (T(1) - T(8) + T(9)).$
$\quad := F(3) \times (F(2) + F(6) \times F(7)) \quad = T(3) \times (T(2) \times T(6) - T(7)).$
$\quad := F(3) + F(6) \times (F(5) + F(8)) \quad = -T(3) + (T(6) - T(5)) \times T(8).$
$\quad := F(3) + F(7) \times (F(8) - F(5)) \quad = (T(3) - T(7) + T(8)) \times T(5).$

216 $:= (F(1) + F(8) + F(5)) \times F(6) \quad = T(1) \times T(8) \times (-T(5) + T(6)).$
$\quad := (-F(3) - F(5) + F(9)) \times F(6) \quad = (T(3) - T(5)) \times (-T(9) + T(6)).$
$\quad := (F(2) + F(6)) \times (F(4) + F(8)) \quad = (-T(2) + T(6)) \times T(4) + T(8).$
$\quad := (F(7) - F(1)) \times (-F(4) + F(8)) = T(7) \times (-T(1) + T(4)) - T(8).$
$\quad := F(3) \times (F(4) + F(5) \times F(8)) \quad = T(3) - T(4) \times (T(5) - T(8)).$

218 $:= (F(4) + F(6)) \times F(8) - F(7) \quad = T(4) \times T(6) + T(8) - T(7).$
219 $:= (F(3) \times F(9) + F(5)) \times F(4) \quad = -T(3) + T(9) \times (T(5) - T(4)).$
220 $:= F(5) \times (-F(4) + F(7) + F(9)) \quad = -T(5) + T(4) \times T(7) - T(9).$
222 $:= (F(2) + F(5)) \times (F(4) + F(9)) \quad = -T(2) + (T(5) - T(4)) \times T(9).$
223 $:= -F(6) + (F(7) - F(3)) \times F(8) \quad = -T(6) + T(7) + T(3) \times T(8).$
225 $:= F(5) \times (F(4) + F(6) + F(9)) \quad = -T(5) + T(4) \times (-T(6) + T(9)).$
229 $:= -F(5) + F(7) \times (-F(4) + F(8)) = -T(5) + T(7) \times T(4) - T(8).$
230 $:= F(3) \times (F(7) + F(9) \times F(4)) \quad = (T(3) - T(7) + T(9)) \times T(4).$

231 $:= (-F(3) + F(5) + F(6)) \times F(8) = T(3) - T(5) \times (T(6) - T(8)).$
$\quad := (F(6) \times F(2) + F(4)) \times F(8) \quad = -T(6) + (-T(2) + T(4)) \times T(8).$
$\quad := (F(6) + F(1) + F(3)) \times F(8) \quad = -T(6) + (T(1) + T(3)) \times T(8).$
$\quad := -F(6) + F(7) \times F(8) - F(9) \quad = -T(6) + T(7) \times (-T(8) + T(9)).$

232 $:= (F(3) \times F(7) + F(4)) \times F(6) = -T(3) + T(7) + T(4) \times T(6).$
$\quad := F(1) - (F(3) - F(7)) \times F(8) = (T(1) + T(3)) \times T(7) + T(8).$

234 $:= (-F(3) + F(6)) \times F(4) \times F(7) \quad = T(3) \times (T(6) - T(4) + T(7)).$
$\quad := (F(1) \times F(7)) \times (-F(4) + F(8)) = (-T(1) + T(7)) \times T(4) - T(8).$
$\quad := (F(2) + F(6)) \times (F(5) + F(8)) \quad = (-T(2) + T(6)) \times T(5) - T(8).$
$\quad := (-F(3) + F(6)) \times (F(5) + F(9)) = T(3) \times (-T(6) + T(5) + T(9)).$
$\quad := -F(2) + (F(7) + F(9)) \times F(5) \quad = T(2) \times (T(7) + T(9)) + T(5).$
$\quad := F(4) + (F(7) - F(3)) \times F(8) \quad\quad = -T(4) + T(7) + T(3) \times T(8).$
$\quad := F(7) \times (-F(3) \times F(6) + F(9)) \quad = T(7) \times T(3) + T(6) + T(9).$

237 $:= -F(2) + F(9) \times (F(3) + F(5)) = (-T(2) + T(9)) \times T(3) - T(5).$

238 $:= (-F(1) - F(5) + F(7)) \times F(9) = (T(1) - T(5)) \times (T(7) - T(9)).$
$\quad := (F(7) - F(3) \times F(4)) \times F(9) \quad = T(7) - T(3) \times (T(4) - T(9)).$

240 $:= (-F(1) - F(4) + F(9)) \times F(6) = (T(1) \times T(4)) \times (T(9) - T(6)).$
$\quad := (F(3) + F(6)) \times (F(4) + F(8)) \quad = -T(3) + T(6) \times T(4) + T(8).$
$\quad := F(5) \times (F(1) + F(7) + F(9)) \quad = T(5) \times (-T(1) - T(7) + T(9)).$

241 $:= (-F(1) + F(6)) \times F(9) + F(4) = T(1) - (T(6) - T(9)) \times T(4).$

242 $:= (-F(4) + F(8)) \times F(7) + F(6) = -T(4) + T(8) \times (T(7) - T(6)).$
$\quad := F(4) + F(7) \times F(8) - F(9) \quad\quad = -T(4) + T(7) \times (-T(8) + T(9)).$

243 $:= (-F(2) + F(6)) \times F(9) + F(5) = T(2) \times (T(6) + T(9) + T(5)).$

246 $:= F(3) \times (F(4) \times F(9) + F(8)) \quad\quad = -T(3) \times (T(4) - T(9)) + T(8).$
$\quad := -F(3) + (-F(4) + F(9)) \times F(6) = T(3) + T(4) \times (T(9) - T(6)).$

247 $:= (F(2) + F(8) - F(4)) \times F(7) \quad = T(2) - T(8) + T(4) \times T(7).$
$\quad := F(2) \times F(7) \times (-F(3) + F(8)) = T(2) + T(7) + T(3) \times T(8).$

248 $:= (-F(1) - F(3) + F(9)) \times F(6) = -T(1) + T(3) \times T(9) - T(6).$
$\quad := F(6) \times (-F(4) + F(7) + F(8)) = (T(6) + T(4)) \times (-T(7) + T(8)).$

250 $:= -F(3) + F(8) \times (-F(1) + F(7)) = T(3) \times (T(8) + T(1)) + T(7).$
$\quad := F(4) - F(7) \times (F(3) - F(8)) \quad\quad = T(4) \times T(7) + T(3) - T(8).$
$\quad := F(5) \times (F(4) + F(7) + F(9)) \quad\quad = T(5) + T(4) \times T(7) - T(9).$

$252 := (-F(1) + F(5) + F(6)) \times F(8) \quad = (T(1) - T(5) + T(6)) \times T(8).$

$:= (-F(2) + F(6)) \times (F(3) + F(9)) = T(2) - T(6) + T(3) \times T(9).$

$:= F(2) - F(8) + F(9) \times F(6) \quad = (T(2) - T(8) + T(9)) \times T(6).$

$:= F(7) \times (F(1) + F(8)) - F(9) \quad = T(7) \times T(1) \times (-T(8) + T(9)).$

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

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

$255 := -F(1) + (F(9) - F(3)) \times F(6) = (T(1) + T(9)) \times T(3) - T(6).$

$256 := -F(4) - F(7) + F(6) \times F(9) \quad = T(4) \times T(7) + T(6) - T(9).$

$:= F(6) \times (-F(4) + F(1) + F(9)) = T(6) \times T(4) + T(1) + T(9).$

$259 := F(4) - F(6) \times (F(3) - F(9)) \quad = T(4) - T(6) + T(3) \times T(9).$

$260 := (-F(4) + F(7)) \times (F(5) + F(8)) = -T(4) \times T(7) + T(5) \times T(8).$

$261 := F(5) - F(6) \times (F(3) - F(9)) \quad = (T(5) + T(6)) \times T(3) + T(9).$

$262 := -F(4) - F(6) + F(7) \times F(8) = T(4) - (T(6) - T(7)) \times T(8).$

$:= F(3) - (F(2) - F(8)) \times F(7) = T(3) \times (T(2) + T(8)) + T(7).$

$264 := (-F(1) \times F(2) + F(9)) \times F(6) \quad = (T(1) + T(2)) \times (T(9) + T(6)).$

$:= (F(3) - F(4) + F(9)) \times F(6) \quad = (-T(3) + T(4)) \times (T(9) + T(6)).$

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

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

$267 := -F(2) \times F(5) + F(6) \times F(9) \quad = -T(2) + T(5) \times T(6) - T(9).$

$:= -F(5) + (-F(7) + F(8)) \times F(9) = T(5) - T(7) \times (T(8) - T(9)).$

$:= -F(5) + F(6) \times (F(7) + F(8)) \quad = T(5) - (T(6) - T(7)) \times T(8).$

$269 := F(5) - F(6) \times (F(1) - F(9)) = T(5) \times T(6) - T(1) - T(9).$

$270 := -F(4) + F(2) + F(6) \times F(9) = T(4) \times (T(2) - T(6) + T(9)).$

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

$271 := -F(2) + F(9) \times (F(8) - F(7)) = T(2) \times (T(9) + T(8)) + T(7).$

$272 := (-F(1) \times F(5) + F(7)) \times F(9) = (T(1) + T(5)) \times (-T(7) + T(9)).$

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

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

$273 := (F(6) \times F(3) + F(5)) \times F(7) \quad = T(6) - (T(3) - T(5)) \times T(7).$

$\quad\; := (F(6) - F(1)) \times F(4) \times F(7) \quad = T(6) - (T(1) - T(4)) \times T(7).$

$\quad\; := (-F(2) + F(6)) \times (F(5) + F(9)) = T(2) + T(6) \times T(5) - T(9).$

$\quad\; := F(3) - F(2) + F(9) \times F(6) \quad\;\; = T(3) \times (-T(2) + T(9)) + T(6).$

$\quad\; := (F(6) + F(7)) \times (-F(8) + F(9)) = T(6) - T(7) \times (T(8) - T(9)).$

$276 := F(2) \times F(7) \times F(8) + F(4) \quad = -T(2) \times T(7) + T(8) \times T(4).$

$\quad\; := -F(1) + F(9) \times F(6) + F(5) = (T(1) + T(9)) \times (T(6) - T(5)).$

$\quad\; := F(4) + F(8) \times (F(5) + F(6)) \;\; = (T(4) + T(8)) \times (-T(5) + T(6)).$

$280 := (F(1) + F(9)) \times (F(8) - F(7)) = (T(1) + T(9) - T(8)) \times T(7).$

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

$282 := F(3) \times (F(7) + F(9)) \times F(4) \quad = -T(3) \times T(7) + T(9) \times T(4).$

$283 := -F(7) + F(6) \times (F(4) + F(9)) = T(7) + T(6) \times T(4) + T(9).$

$285 := F(5) \times F(4) \times (-F(3) + F(8)) = -T(5) + T(4) \times (-T(3) + T(8)).$

$\quad\; := F(5) + F(6) \times (F(1) + F(9)) \quad = T(5) \times (T(6) + T(1)) - T(9).$

$288 := (F(2) + F(6)) \times (-F(3) + F(9)) = -T(2) + T(6) + T(3) \times T(9).$

$\quad\; := (F(7) - F(1)) \times (F(4) + F(8)) \quad = T(7) \times (-T(1) + T(4)) + T(8).$

$\quad\; := F(3) + F(7) \times (F(2) + F(8)) \quad\;\; = T(3) \times (T(7) \times T(2) - T(8)).$

$290 := (-F(4) + F(7)) \times (F(6) + F(8)) = T(4) \times (-T(7) + T(6) + T(8)).$

$294 := (F(1) + F(6) + F(5)) \times F(8) \quad = ((T(1) + T(6)) \times T(5)) - T(8).$

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

$297 := F(4) \times (-F(5) + F(6) \times F(7)) = T(4) + T(5) \times T(6) - T(7).$

$304 := (-F(2) + F(4) \times F(7)) \times F(6) \;\; = T(2) + T(4) \times T(7) + T(6).$

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

$306 := (F(2) - F(5) + F(7)) \times F(9) \quad = (T(2) + T(5)) \times (-T(7) + T(9)).$

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

$309 := (-F(1) + F(7) \times F(6)) \times F(4) = T(1) + T(7) \times (T(6) - T(4)).$

$310 := -F(3) + F(7) \times (F(4) + F(8)) = -T(3) + T(7) \times T(4) + T(8).$

311 $:= -F(1) + (F(7) \times F(4)) \times F(6) = (T(1) + T(7)) \times T(4) + T(6).$
$:= -F(2) + F(4) \times F(6) \times F(7) \quad = T(2) - (T(4) - T(6)) \times T(7).$

312 $:= (-F(3) - F(6) + F(9)) \times F(7) = T(3) \times (-T(6) + T(9) + T(7)).$
$:= (-F(2) + F(5) \times F(8)) \times F(4) = (T(2) - T(5)) \times (-T(8) + T(4)).$
$:= (F(2) - F(7)) \times (F(6) - F(9)) = -T(2) + (T(7) - T(6)) \times T(9).$

313 $:= F(2) + (F(7) \times (F(4) + F(8))) = -T(2) + T(7) \times T(4) + T(8).$
314 $:= F(3) + F(4) \times F(6) \times F(7) \quad = T(3) + (-T(4) + T(6)) \times T(7).$

315 $:= (-F(1) + F(4) + F(7)) \times F(8) = -T(1) + T(4) \times T(7) + T(8).$
$:= F(2) \times F(5) \times F(4) \times F(8) \quad = -T(2) \times T(5) + T(4) \times T(8).$
$:= (F(3) + F(5) + F(6)) \times F(8) \quad = (T(3) + T(5)) \times (-T(6) + T(8)).$
$:= F(5) \times (F(3) + F(1)) \times F(8) \quad = (T(5) - T(3)) \times (-T(1) + T(8)).$
$:= F(5) \times F(4) \times (-F(7) + F(9)) = T(5) \times (-T(4) + T(7)) + T(9).$
$:= F(4) \times (F(2) + F(7) \times F(6)) \quad = (-T(4) - T(2) + T(7)) \times T(6).$
$:= F(4) + F(6) \times (F(5) + F(9)) \quad = T(4) \times (T(6) + T(5)) - T(9).$

317 $:= F(5) + F(7) \times (F(4) + F(8)) = -T(5) - T(7) + T(4) \times T(8).$
325 $:= F(5) \times (F(4) + F(3)) \times F(7) = -T(5) + T(4) \times (T(3) + T(7)).$

330 $:= F(3) \times (-F(1) + F(9)) \times F(5) = (T(3) + T(1)) \times T(9) + T(5).$
$:= F(3) \times (F(8) \times F(6) - F(4)) \quad = (T(3) - T(8)) \times (-T(6) + T(4)).$

331 $:= -F(5) + (F(4) + F(7)) \times F(8) = T(5) + T(4) \times T(7) + T(8).$
333 $:= -F(4) + (F(8) \times F(3)) \times F(6) = T(4) \times T(8) - T(3) - T(6).$
335 $:= -F(2) + (F(7) + F(4)) \times F(8) = T(2) - T(7) + T(4) \times T(8).$

336 $:= (-F(2) + F(4)) \times F(8) \times F(6) \quad = -T(2) + T(4) \times T(8) - T(6).$
$:= (F(3) \times F(1)) \times F(6) \times F(8) \quad = T(3) \times (-T(1) + T(6) + T(8)).$
$:= (-F(5) + F(7) + F(6)) \times F(8) \quad = -T(5) \times T(7) + T(6) \times T(8).$
$:= F(3) \times (F(4) + F(5)) \times F(8) \quad = (T(3) + T(4)) \times (-T(5) + T(8)).$
$:= F(4) \times F(6) \times (F(1) + F(7)) \quad = (-T(4) + T(6) + T(1)) \times T(7).$
$:= (-F(7) + F(8)) \times (F(6) + F(9)) = T(7) \times (T(8) + T(6) - T(9)).$

338 $:= F(3) + (F(7) + F(4)) \times F(8) \quad = T(3) - T(7) + T(4) \times T(8).$
339 $:= F(2) + F(7) \times (F(5) + F(8)) \quad = (-T(2) + T(7)) \times T(5) - T(8).$
342 $:= F(3) \times (F(2) + F(5) \times F(9)) \quad = T(3) \times (-T(2) + T(5) + T(9)).$
344 $:= F(6) + (F(4) + F(7)) \times F(8) \quad = (T(6) - T(4)) \times T(7) + T(8).$
352 $:= (F(7) + F(4)) \times (F(1) + F(8)) \quad = T(7) + (T(4) - T(1)) \times T(8).$
360 $:= (-F(2) + F(8)) \times (F(7) + F(5)) = T(2) \times (T(8) - T(7)) \times T(5).$

$$361 := (-F(4) + F(7)) \times F(9) + F(8) \quad = T(4) \times T(7) + T(9) + T(8).$$
$$365 := F(5) \times (F(4) \times F(7) + F(9)) \quad = (T(5) - T(4)) \times (T(7) + T(9)).$$
$$369 := -F(5) + (F(7) - F(3)) \times F(9) \quad = T(5) \times T(7) - T(3) - T(9).$$
$$370 := (F(4) + F(7)) \times F(8) + F(9) \quad = T(4) \times (T(7) - T(8) + T(9)).$$
$$375 := -F(3) + F(7) \times (-F(5) + F(9)) = (-T(3) + T(7)) \times T(5) + T(9).$$
$$376 := -F(1) + F(7) \times (-F(5) + F(9)) = T(1) + T(7) \times T(5) - T(9).$$
$$377 := F(7) \times (F(4) \times F(8) - F(9)) \quad = -T(7) + T(4) \times T(8) + T(9).$$

$$378 := (F(6) + F(2)) \times F(3) \times F(8) \quad = T(6) \times (-T(2) \times T(3) + T(8)).$$
$$:= (F(6) + F(7) - F(4)) \times F(8) \quad = T(6) \times (-T(7) + T(4) + T(8)).$$
$$:= F(2) + F(7) \times (-F(5) + F(9)) = T(2) + T(7) \times T(5) - T(9).$$

$$390 := (-F(4) + F(9) - F(2)) \times F(7) = T(4) \times (-T(9) + T(2) \times T(7)).$$
$$:= (F(3) + F(7)) \times (F(5) + F(8)) \quad = T(3) + T(7) \times T(5) - T(8).$$
$$:= F(4) \times F(5) \times (-F(6) + F(9)) = T(4) \times (T(5) - T(6) + T(9)).$$
$$:= F(7) \times (F(1) - F(5) + F(9)) \quad = (T(7) + T(1)) \times T(5) - T(9).$$

$$399 := (F(1) + F(7) + F(5)) \times F(8) \quad = (T(1) + T(7)) \times T(5) - T(8).$$
$$:= (-F(5) \times F(4) + F(9)) \times F(8) = -T(5) + T(4) \times T(9) - T(8).$$

$$403 := -F(5) + (-F(1) + F(7)) \times F(9) = (T(5) + T(1)) \times T(7) - T(9).$$
$$405 := F(5) \times (F(4) \times F(9) - F(8)) \quad = (T(5) - T(4)) \times (T(9) + T(8)).$$
$$408 := (F(2) + F(5)) \times F(3) \times F(9) \quad = T(2) + (T(5) - T(3)) \times T(9).$$

$$420 := (-F(1) + F(7) + F(6)) \times F(8) = T(1) \times T(7) \times (-T(6) + T(8)).$$
$$:= (F(7) + F(3) + F(5)) \times F(8) \quad = T(7) \times (-T(3) - T(5) + T(8)).$$

$$424 := F(6) + (F(9) - F(3)) \times F(7) = (T(6) + T(9)) \times T(3) + T(7).$$

$$432 := (F(3) + F(9)) \times (-F(1) + F(7)) = T(3) \times (T(9) - T(1) + T(7)).$$
$$:= F(4) - (F(1) - F(9)) \times F(7) \quad = T(4) \times (T(1) + T(9)) - T(7).$$

$$437 := -F(1) \times F(5) + F(7) \times F(9) = (-T(1) + T(5)) \times T(7) + T(9).$$
$$439 := -F(1) - F(3) + F(7) \times F(9) = T(1) + T(3) \times (T(7) + T(9)).$$
$$441 := F(2) - F(3) + F(7) \times F(9) \quad = T(2) + T(3) \times (T(7) + T(9)).$$

$$450 := F(2) \times F(6) + F(7) \times F(9) \quad = (T(2) - T(6) + T(7)) \times T(9).$$
$$:= -F(5) + F(7) \times (F(1) + F(9)) = T(5) \times (T(7) - T(1)) + T(9).$$
$$:= -F(5) + F(7) \times (F(2) + F(9)) = (-T(5) + T(7) - T(2)) \times T(9).$$

$452 := -F(4) + (F(2) + F(9)) \times F(7) = T(4) \times (T(2) + T(9)) - T(7).$
$462 := (F(4) + F(6)) \times F(3) \times F(8) = (-T(4) + T(6)) \times (T(3) + T(8)).$

$468 := (-F(1) + F(9) + F(4)) \times F(7) = -(T(1) - T(9)) \times T(4) + T(7).$
$\quad\ := (-F(2) + F(7)) \times (F(5) + F(9)) = T(2) + T(7) \times T(5) + T(9).$

$480 := F(4) \times (-F(3) + F(9)) \times F(5) = (T(4) + T(3)) \times (T(9) - T(5)).$
$483 := (F(6) \times F(4) - F(2)) \times F(8) = T(6) \times (-T(4) - T(2) + T(8)).$
$485 := F(5) \times (F(8) \times F(4) + F(9)) = T(5) \times T(8) - T(4) - T(9).$

$486 := F(5) \times F(7) \times F(6) - F(9) = T(5) \times T(7) + T(6) + T(9).$
$\quad\ := F(4) \times (F(9) \times F(5) - F(6)) = T(4) \times T(9) + T(5) + T(6).$

$489 := F(4) \times F(9) \times F(5) - F(8) = (-T(4) + T(9)) \times T(5) - T(8).$
$\quad\ := F(4) \times (-F(5) + F(6) \times F(8)) = (T(4) + T(5)) \times T(6) - T(8).$

$495 := F(4) \times F(5) \times (-F(2) + F(9)) = T(4) \times T(5) \times T(2) + T(9).$
$497 := -F(7) + F(5) \times F(4) \times F(9) = -T(7) + (T(5) \times (-T(4) + T(9))).$

$504 := (F(1) + F(3)) \times F(6) \times F(8) = (-T(1) - T(3) + T(6)) \times T(8).$
$\quad\ := F(2) \times F(4) \times F(6) \times F(8) = (T(2) - T(4) + T(6)) \times T(8).$
$\quad\ := (F(7) - F(2)) \times F(3) \times F(8) = T(7) \times (-T(2) \times T(3) + T(8)).$
$\quad\ := (F(7) - F(2)) \times (F(6) + F(9)) = T(7) \times (T(2) \times T(6) - T(9)).$
$\quad\ := F(6) \times (-F(5) + F(3) \times F(9)) = T(6) \times (-T(5) - T(3) + T(9)).$

$505 := (-F(4) + F(6) \times F(7)) \times F(5) = T(4) \times (T(6) + T(7)) + T(5).$
$509 := F(4) \times F(6) \times F(8) + F(5) = -T(4) - T(6) + T(8) \times T(5).$

$510 := (-F(1) + F(8) - F(5)) \times F(9) = (T(1) + T(8)) \times T(5) - T(9).$
$\quad\ := (-F(2) + F(4) + F(7)) \times F(9) = (T(2) \times T(4)) \times (-T(7) + T(9)).$
$\quad\ := F(4) \times (F(3) + F(6) \times F(8)) = T(4) \times (-T(3) + T(6) + T(8)).$

$519 := -F(2) + F(6) \times F(7) \times F(5) = (-T(2) + T(6)) \times T(7) + T(5).$

$525 := (F(6) \times F(4) + F(1)) \times F(8) = T(6) \times (-T(4) - T(1) + T(8)).$
$\quad\ := (F(2) + F(6) \times F(7)) \times F(5) = (T(2) \times T(6) - T(7)) \times T(5).$
$\quad\ := F(5) \times F(4) \times (F(1) + F(9)) = T(5) \times (-T(4) \times T(1) + T(9)).$

$540 := F(4) \times F(5) \times (F(3) + F(9)) = T(4) \times (T(5) - T(3) + T(9)).$
$\quad\ := F(3) \times (F(8) \times F(7) - F(4)) = (T(3) - T(8)) \times (-T(7) + T(4)).$

$546 := F(2) \times F(7) \times (F(6) + F(9)) = T(2) + T(7) \times T(6) - T(9).$
$552 := (F(3) + F(8)) \times F(4) \times F(6) = T(3) + (T(8) - T(4)) \times T(6).$
$557 := F(7) - (F(5) - F(8)) \times F(9) = -T(7) + T(5) \times T(8) + T(9).$

$567 := (F(2) + F(6)) \times F(8) \times F(4) = -T(2) + (T(6) + T(8)) \times T(4).$
$\quad := (F(2) - F(6) + F(9)) \times F(8) = T(2) \times T(6) \times (T(9) - T(8)).$
$\quad := (F(5) \times F(6) - F(7)) \times F(8) = T(5) + T(6) \times T(7) - T(8).$
$\quad := (F(6) + F(1)) \times F(4) \times F(8) = T(6) \times (T(1) - T(4) + T(8)).$
$\quad := F(7) \times (F(6) + F(9)) + F(8) = (T(7) - T(6)) \times (T(9) + T(8)).$

$575 := (F(4) \times F(9) + F(7)) \times F(5) \quad = -T(4) + T(9) \times (T(7) - T(5)).$
$576 := (F(3) + F(9)) \times (-F(5) + F(8)) = T(3) \times (T(9) + T(5) + T(8)).$

$588 := (-F(2) + F(9) - F(5)) \times F(8) = T(2) + T(9) + T(5) \times T(8).$
$\quad := (F(7) + F(2)) \times (F(6) + F(9)) \ = T(7) \times (-T(2) - T(6) + T(9)).$

$624 := F(3) \times F(6) \times (F(5) + F(9)) \quad = -T(3) + T(6) \times (-T(5) + T(9)).$
$\quad := (F(4) + F(8)) \times (-F(6) + F(9)) = (T(4) - T(8)) \times (T(6) - T(9)).$

$630 := (-F(4) + F(8)) \times (F(2) + F(9)) = T(4) \times (T(8) \times T(2) - T(9)).$
$\quad := (F(5) + F(7)) \times (F(1) + F(9)) \quad = (-T(5) + T(7) + T(1)) \times T(9).$
$\quad := F(8) \times (F(2) - F(5) + F(9)) \quad = (T(8) + T(2)) \times T(5) + T(9).$

$633 := F(8) + (F(5) + F(7)) \times F(9) \quad = (T(8) - T(5)) \times T(7) + T(9).$
$637 := F(7) \times (F(4) \times F(5) + F(9)) \quad = -T(7) - T(4) + T(5) \times T(9).$
$638 := (F(1) + F(8)) \times (-F(5) + F(9)) = -T(1) - T(8) + T(5) \times T(9).$
$646 := (F(1) + F(7) + F(5)) \times F(9) \quad = -T(1) - T(7) + T(5) \times T(9).$
$672 := (F(7) + F(4)) \times F(3) \times F(8) \quad = T(7) \times (T(4) \times T(3) - T(8)).$
$675 := -F(5) + (F(8) - F(2)) \times F(9) \ = T(5) \times T(8) + T(2) \times T(9).$
$680 := (F(4) + F(1)) \times F(9) \times F(5) \quad = -T(4) + (T(1) + T(9)) \times T(5).$

$690 := F(5) \times (F(6) \times F(7) + F(9)) \ = T(5) \times (T(6) + T(7)) - T(9).$
$693 := F(8) \times (F(2) - F(3) + F(9)) \ = T(8) \times T(2) \times T(3) + T(9).$
$708 := -F(2) - F(5) + F(9) \times F(8) = -T(2) + T(5) \times T(9) + T(8).$
$710 := F(1) - F(5) + F(9) \times F(8) \quad = -T(1) + T(5) \times T(9) + T(8).$
$711 := F(3) - F(5) + F(8) \times F(9) \quad = (T(3) + T(5)) \times T(8) - T(9).$
$714 := (F(6) - F(1)) \times F(4) \times F(9) \ = T(6) \times (-T(1) - T(4) + T(9)).$
$717 := -F(3) + F(5) + F(9) \times F(8) = T(3) + T(5) \times T(9) + T(8).$

$720 := (-F(4) + F(8)) \times F(5) \times F(6) = T(4) \times (T(8) + T(5) + T(6)).$
$\quad := -F(3) + F(8) \times F(9) + F(6) \quad = (T(3) - T(8)) \times (-T(9) + T(6)).$
$\quad := F(5) + (F(8) + F(9)) \times F(7) \quad = -T(5) \times T(8) + T(9) \times T(7).$

$735 := F(5) \times (-F(1) + F(6)) \times F(8) = T(5) - (T(1) - T(6)) \times T(8).$

$756 := (-F(2) + F(7)) \times F(4) \times F(8) = (T(2) + T(7) - T(4)) \times T(8).$
$\quad := (F(7) - F(1)) \times F(4) \times F(8) \quad = T(7) \times (T(1) - T(4) + T(8)).$
$\quad := F(3) \times F(8) \times (F(5) + F(7)) \quad = (T(3) + T(8) - T(5)) \times T(7).$
$\quad := F(6) + F(9) \times (F(2) + F(8)) \quad = (-T(6) + T(9) - T(2)) \times T(8).$

$795 := F(7) + (F(3) + F(8)) \times F(9) \quad = T(7) \times (-T(3) + T(8)) - T(9).$
$803 := F(4) \times F(6) \times F(9) - F(7) \quad = (-T(4) + T(6)) \times (T(9) + T(7)).$
$810 := F(4) \times (-F(3) + F(6) \times F(9)) = T(4) \times (T(3) \times T(6) - T(9)).$

$816 := (F(3) + F(2)) \times F(6) \times F(9) \quad = T(3) - (T(2) - T(6)) \times T(9).$
$\quad := (-F(5) + F(6) + F(8)) \times F(9) = T(5) + T(6) \times T(8) + T(9).$

$819 := (F(6) + F(7)) \times (F(5) + F(9)) = -T(6) + T(7) \times (-T(5) + T(9)).$
$827 := F(5) \times F(6) \times F(8) - F(7) \quad = T(5) \times (T(6) + T(8)) - T(7).$

$840 := F(5) \times F(1) \times F(6) \times F(8) \quad = T(5) \times (-T(1) + T(6) + T(8)).$
$\quad := (-F(1) + F(8)) \times (F(6) + F(9)) = (T(1) - T(8)) \times (T(6) - T(9)).$
$\quad := F(4) \times (F(9) + F(2)) \times F(6) \quad = (-T(4) + T(9)) \times (T(2) + T(6)).$
$\quad := F(6) \times (F(3) + F(4)) \times F(8) \quad = T(6) \times (-T(3) + T(4) + T(8)).$

$846 := (F(8) - F(4)) \times (F(7) + F(9)) \quad = T(8) - (T(4) - T(7)) \times T(9).$
$861 := (-F(2) + F(6) + F(9)) \times F(8) \quad = -T(2) + (-T(6) + T(9)) \times T(8).$
$882 := F(3) \times (F(6) + F(7)) \times F(8) \quad = -T(3) \times T(6) + T(7) \times T(8).$
$899 := (-F(4) + F(9)) \times (F(6) + F(8)) = -T(4) + T(9) \times T(6) - T(8).$
$962 := (F(5) \times F(6) + F(9)) \times F(7) \quad = T(5) \times (T(6) + T(9)) - T(7).$
$966 := (-F(2) + F(9) - F(7)) \times F(8) \quad = T(2) - T(9) + T(7) \times T(8).$
$986 := (F(3) \times F(7) + F(4)) \times F(9) \quad = T(3) - T(7) \times (T(4) - T(9)).$

$1008 := (F(2) + F(5)) \times F(8) \times F(6) = (-T(2) + T(5) + T(8)) \times T(6).$

$1320 := F(5) \times (F(9) - F(1)) \times F(6) \quad = (T(5) + T(9)) \times (T(1) + T(6)).$
$\quad := F(4) \times (-F(3) + F(7) \times F(9)) = T(4) \times T(3) + T(7) \times T(9).$

$1323 := F(8) \times F(4) \times (-F(7) + F(9)) = T(8) \times (T(4) + T(7)) - T(9).$
$1326 := (-F(4) + F(8) \times F(3)) \times F(9) = (-T(4) + T(8)) \times (T(3) + T(9)).$
$1344 := (F(7) \times F(5) - F(2)) \times F(8) \quad = T(7) \times (T(5) - T(2) + T(8)).$
$1350 := F(5) \times (-F(3) + F(6) \times F(9)) = (T(5) - T(3) + T(6)) \times T(9).$
$1407 := (-F(2) + F(3) \times F(9)) \times F(8) = T(2) - (T(3) - T(9)) \times T(8).$
$1598 := (F(3) \times F(7) + F(8)) \times F(9) \quad = T(3) - T(7) + T(8) \times T(9).$

$1680 := F(6) \times (-F(4) + F(7)) \times F(8) = T(6) \times T(4) \times (-T(7) + T(8)).$

$1911 := F(7) \times (F(6) - F(2)) \times F(8) \quad = (T(7) + T(6)) \times (T(2) + T(8)).$

$2184 := F(2) \times F(7) \times F(6) \times F(8) \quad = T(2) \times (-T(7) + T(6) \times T(8)).$

$2205 := F(5) \times F(8) \times (-F(7) + F(9)) = (-T(5) + T(8) - T(7)) \times T(9).$

$2520 := (F(3) + F(7)) \times F(6) \times F(8) \quad = T(3) \times T(7) \times (-T(6) + T(8)).$

$4368 := F(3) \times F(7) \times F(6) \times F(8) \quad = T(3) \times (-T(7) + T(6) \times T(8)).$

$6552 := F(4) \times F(6) \times F(7) \times F(8) \quad = (T(4) \times T(6) - T(7)) \times T(8).$

$10920 := F(5) \times F(7) \times F(6) \times F(8) = T(5) \times (-T(7) + T(6) \times T(8)).$

4   Interesting Results

In this section, we present some interesting results obtained from all values given in section 2

4.1   Fibonacci Values: Multiplication

Here we have **selfie expressions** where only multiplication operation is used with Fibonacci sequence values.

$$42 := F(3) \times F(8) = T(3) + T(8).$$

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

$10 := F(1) \times F(3) \times F(5) = T(1) - T(3) + T(5).$

$15 := F(2) \times F(4) \times F(5) = T(2) \times T(4) - T(5).$

$16 := F(1) \times F(3) \times F(6) = T(1) - T(3) + T(6).$

$30 := F(3) \times F(4) \times F(5) = T(3) \times (-T(4) + T(5)).$

$39 := F(1) \times F(4) \times F(7) = T(1) + T(4) + T(7).$

$15 := F(1) \times F(2) \times F(4) \times F(5) = T(1) \times T(2) \times T(4) - T(5).$

$26 := F(1) \times F(2) \times F(3) \times F(7) = T(1) + T(2) - T(3) + T(7).$

$30 := F(2) \times F(3) \times F(5) \times F(4) = (T(2) \times T(3) - T(5)) \times T(4).$

$40 := F(1) \times F(2) \times F(5) \times F(6) = T(1) + T(2) + T(5) + T(6).$

$102 := F(2) \times F(1) \times F(4) \times F(9) = T(2) \times (-T(1) - T(4) + T(9)).$

$120 := F(2) \times F(4) \times F(6) \times F(5) = (-T(2) - T(4) + T(6)) \times T(5).$

$168 := F(2) \times F(1) \times F(6) \times F(8) = T(2) \times (-T(1) + T(6) + T(8)).$

$315 := F(2) \times F(5) \times F(4) \times F(8) = -T(2) \times T(5) + T(4) \times T(8).$

$336 := F(3) \times F(1) \times F(6) \times F(8) = T(3) \times (-T(1) + T(6) + T(8)).$

$504 := F(2) \times F(4) \times F(6) \times F(8) = (T(2) - T(4) + T(6)) \times T(8).$

$510 := F(5) \times F(1) \times F(4) \times F(9) = T(5) + (T(1) + T(4)) \times T(9).$

$840 := F(5) \times F(1) \times F(6) \times F(8) = T(5) \times (-T(1) + T(6) + T(8)).$

$$2184 := F(2) \times F(7) \times F(6) \times F(8) = T(2) \times (-T(7) + T(6) \times T(8)).$$
$$4368 := F(3) \times F(7) \times F(6) \times F(8) = T(3) \times (-T(7) + T(6) \times T(8)).$$
$$6552 := F(4) \times F(6) \times F(7) \times F(8) = (T(4) \times T(6) - T(7)) \times T(8).$$

$$10920 := F(5) \times F(7) \times F(6) \times F(8) = T(5) \times (-T(7) + T(6) \times T(8)).$$

4.2 Fibonacci Values: Addition

Here we have **selfie expressions** where only the operation of addition is used with Fibonacci sequence values.

$$3 := F(2) + F(3) = -T(2) + T(3).$$
$$11 := F(4) + F(6) = -T(4) + T(6).$$

$$8 := F(1) + F(3) + F(5) = -T(1) - T(3) + T(5).$$
$$12 := F(1) + F(4) + F(6) = T(1) - T(4) + T(6).$$
$$16 := F(4) + F(5) + F(6) = T(4) - T(5) + T(6).$$
$$17 := F(1) + F(4) + F(7) = -T(1) - T(4) + T(7).$$
$$25 := F(1) + F(4) + F(8) = -T(1) - T(4) + T(8).$$
$$38 := F(2) + F(4) + F(9) = T(2) - T(4) + T(9).$$

$$7 := F(1) + F(2) + F(3) + F(4) = T(1) \times T(2) - T(3) + T(4).$$
$$9 := F(1) + F(2) + F(3) + F(5) = (T(1) + T(2)) \times T(3) - T(5).$$

$$11 := F(1) + F(3) + F(4) + F(5) = T(1) \times T(3) - T(4) + T(5).$$
$$12 := F(1) + F(2) + F(3) + F(6) = -T(1) \times T(2) - T(3) + T(6).$$
$$13 := F(1) + F(2) + F(4) + F(6) = -T(1) + T(2) - T(4) + T(6).$$
$$14 := F(2) + F(3) + F(4) + F(6) = -T(2) + T(3) - T(4) + T(6).$$
$$17 := F(1) + F(4) + F(5) + F(6) = T(1) + T(4) - T(5) + T(6).$$
$$20 := F(1) + F(5) + F(2) + F(7) = (T(1) + T(5)) \times T(2) - T(7).$$
$$22 := F(1) + F(4) + F(5) + F(7) = -T(1) + T(4) - T(5) + T(7).$$

$$25 := F(2) + F(6) + F(4) + F(7) = T(2) \times T(6) - T(4) - T(7).$$
$$27 := F(2) + F(3) + F(4) + F(8) = T(2) + T(3) \times T(4) - T(8).$$
$$28 := F(3) + F(5) + F(6) + F(7) = -T(3) - T(5) + T(6) + T(7).$$
$$30 := F(1) + F(4) + F(5) + F(8) = -T(1) + T(4) - T(5) + T(8).$$
$$36 := F(3) + F(5) + F(6) + F(8) = -T(3) - T(5) + T(6) + T(8).$$
$$38 := F(2) + F(4) + F(7) + F(8) = T(2) \times T(4) - T(7) + T(8).$$
$$39 := F(1) + F(2) + F(4) + F(9) = T(1) + T(2) - T(4) + T(9).$$

$$40 := F(1) + F(3) + F(4) + F(9) = -T(1) + T(3) - T(4) + T(9).$$
$$42 := F(2) + F(3) + F(5) + F(9) = -T(2) \times T(3) + T(5) + T(9).$$
$$43 := F(1) + F(6) + F(7) + F(8) = -T(1) \times T(6) + T(7) + T(8).$$
$$43 := F(2) + F(4) + F(5) + F(9) = T(2) + T(4) - T(5) + T(9).$$
$$44 := F(3) + F(4) + F(5) + F(9) = -T(3) - T(4) + T(5) + T(9).$$
$$48 := F(2) + F(5) + F(6) + F(9) = -T(2) - T(5) + T(6) + T(9).$$

4.3 Fibonacci Values: Addition and Subtraction

Here we have **selfie expressions** where only the operations of addition and subtraction are used Fibonacci sequence values.

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

$$\mathbf{4} := -F(1) + F(3) + F(4) = -T(1) \times T(3) + T(4).$$
$$:= -F(2) - F(6) + F(7) = -T(2) - T(6) + T(7).$$

$$\mathbf{6} := F(1) - F(6) + F(7) \quad = -T(1) - T(6) + T(7).$$
$$:= -F(2) + F(3) + F(5) = -T(2) - T(3) + T(5).$$

$$\mathbf{7} := -F(1) - F(7) + F(8) = -T(1) - T(7) + T(8).$$
$$\mathbf{9} := F(1) - F(7) + F(8) \quad = T(1) - T(7) + T(8).$$

$$\mathbf{10} := -F(1) + F(4) + F(6) = -T(1) - T(4) + T(6).$$
$$:= -F(2) - F(3) + F(7) = -T(2) \times T(3) + T(7).$$

$$\mathbf{12} := -F(2) - F(6) + F(8) = -T(2) - T(6) + T(8).$$
$$:= -F(2) - F(8) + F(9) = T(2) - T(8) + T(9).$$
$$:= F(3) - F(4) + F(7) \quad = -T(3) - T(4) + T(7).$$

$$\mathbf{14} := F(1) - F(6) + F(8) = -T(1) - T(6) + T(8).$$

$$\mathbf{15} := -F(2) + F(4) + F(7) = -T(2) - T(4) + T(7).$$
$$:= F(3) - F(8) + F(9) \quad = T(3) - T(8) + T(9).$$

$$\mathbf{17} := -F(2) + F(5) + F(7) = T(2) \times T(5) - T(7).$$

$$\mathbf{18} := -F(2) - F(3) + F(8) = -T(2) \times T(3) + T(8).$$
$$:= -F(3) - F(2) + F(8) = -T(3) \times T(2) + T(8).$$

$$\mathbf{20} := -F(2) - F(7) + F(9) = T(2) - T(7) + T(9).$$
$$:= F(3) - F(4) + F(8) \quad = -T(3) - T(4) + T(8).$$

$$\mathbf{23} := -F(2) + F(4) + F(8) = -T(2) - T(4) + T(8).$$
$$:= F(3) - F(7) + F(9) \quad = T(3) - T(7) + T(9).$$

$$\mathbf{25} := -F(1) - F(6) + F(9) = T(1) - T(6) + T(9).$$
$$\mathbf{27} := F(2) - F(6) + F(9) \quad = T(2) - T(6) + T(9).$$
$$\mathbf{29} := -F(3) - F(4) + F(9) = -T(3) - T(4) + T(9).$$
$$\mathbf{30} := F(1) - F(5) + F(9) \quad = -T(1) \times T(5) + T(9).$$
$$\mathbf{32} := F(2) - F(4) + F(9) \quad = -T(2) - T(4) + T(9).$$
$$\mathbf{36} := -F(1) + F(4) + F(9) = T(1) - T(4) + T(9).$$

$$\mathbf{0} := F(5) + F(6) + F(8) - F(9) = (T(5) + T(6) - T(8)) \times T(9).$$

$$\mathbf{1} := F(1) + F(2) + F(3) - F(4) \quad = -T(1) \times T(2) - T(3) + T(4).$$
$$:= F(1) + F(3) + F(4) - F(5) \quad = T(1) \times T(3) + T(4) - T(5).$$
$$:= F(2) + F(4) + F(5) - F(6) \quad = -T(2) + T(4) + T(5) - T(6).$$
$$:= F(2) + F(6) + F(7) - F(8) \quad = -T(2) \times T(6) + T(7) + T(8).$$
$$:= -F(3) - F(5) - F(7) + F(8) = -T(3) + T(5) + T(7) - T(8).$$

$$\mathbf{2} := -F(1) - F(3) - F(6) + F(7) = T(1) - T(3) - T(6) + T(7).$$
$$:= -F(2) - F(3) - F(4) + F(6) = -T(2) - T(3) - T(4) + T(6).$$
$$:= -F(2) - F(3) - F(6) + F(7) = T(2) + T(3) + T(6) - T(7).$$
$$:= F(3) + F(4) + F(5) - F(6) \quad = T(3) - T(4) - T(5) + T(6).$$
$$:= F(3) + F(5) + F(6) - F(7) \quad = -T(3) + T(5) + T(6) - T(7).$$
$$:= -F(4) - F(6) - F(8) + F(9) = -T(4) + T(6) + T(8) - T(9).$$

$$\mathbf{3} := -F(1) - F(2) - F(6) + F(7) = -T(1) - T(2) - T(6) + T(7).$$
$$:= F(1) - F(4) - F(6) + F(7) \quad = T(1) \times T(4) + T(6) - T(7).$$
$$:= -F(3) - F(4) - F(5) + F(7) = T(3) + T(4) + T(5) - T(7).$$
$$:= F(4) + F(6) + F(7) - F(8) \quad = -T(4) + T(6) + T(7) - T(8).$$

$$\mathbf{4} := -F(1) - F(2) - F(3) + F(6) = T(1) - T(2) \times T(3) + T(6).$$
$$:= F(1) - F(3) - F(4) + F(6) \quad = -T(1) - T(3) - T(4) + T(6).$$
$$:= -F(1) - F(4) - F(5) + F(7) = T(1) - T(4) - T(5) + T(7).$$
$$:= F(2) - F(3) - F(6) + F(7) \quad = T(2) - T(3) - T(6) + T(7).$$
$$:= F(2) - F(5) - F(7) + F(8) \quad = -T(2) + T(5) + T(7) - T(8).$$

$$\mathbf{5} := F(1) + F(3) - F(2) + F(4) \quad = (-T(1) + T(3)) \times T(2) - T(4).$$
$$:= -F(1) + F(4) - F(5) + F(6) = T(1) + T(4) + T(5) - T(6).$$
$$:= -F(1) - F(2) + F(3) + F(5) = -T(1) - T(2) - T(3) + T(5).$$
$$:= -F(2) - F(3) - F(5) + F(7) = T(2) \times T(3) + T(5) - T(7).$$
$$:= -F(2) - F(3) - F(7) + F(8) = T(2) - T(3) - T(7) + T(8).$$

$$\mathbf{6} := -F(1) + F(3) - F(4) + F(6) = T(1) - T(3) - T(4) + T(6).$$
$$:= -F(1) - F(2) - F(7) + F(8) = T(1) - T(2) - T(7) + T(8).$$
$$:= -F(1) - F(3) + F(2) + F(6) = (T(1) - T(3)) \times T(2) + T(6).$$
$$:= F(2) - F(4) - F(5) + F(7) \quad = T(2) - T(4) - T(5) + T(7).$$
$$:= -F(3) - F(5) - F(6) + F(8) = T(3) + T(5) + T(6) - T(8).$$

$$\mathbf{7} := F(1) + F(2) - F(4) + F(6) \quad = -T(1) - T(2) - T(4) + T(6).$$
$$:= F(1) + F(3) - F(2) + F(5) \quad = T(1) - T(3) - T(2) + T(5).$$
$$:= F(1) - F(3) - F(5) + F(7) \quad = -T(1) \times T(3) - T(5) + T(7).$$
$$:= -F(1) - F(5) - F(8) + F(9) = T(1) + T(5) + T(8) - T(9).$$
$$:= F(2) + F(4) - F(5) + F(6) \quad = T(2) + T(4) + T(5) - T(6).$$
$$:= F(2) - F(3) + F(4) + F(5) \quad = -T(2) \times T(3) + T(4) + T(5).$$

$$\mathbf{8} := -F(1) - F(2) - F(4) + F(7) = (T(1) - T(2)) \times T(4) + T(7).$$

$$\mathbf{9} := -F(1) + F(5) - F(6) + F(7) = T(1) + T(5) + T(6) - T(7).$$
$$:= -F(1) - F(2) + F(4) + F(6) = T(1) \times T(2) \times T(4) - T(6).$$
$$:= -F(1) - F(2) - F(3) + F(7) = -T(1) - T(2) \times T(3) + T(7).$$
$$:= F(2) - F(3) - F(4) + F(7) \quad = -T(2) - T(3) - T(4) + T(7).$$
$$:= F(2) - F(5) - F(8) + F(9) \quad = T(2) + T(5) + T(8) - T(9).$$
$$:= -F(3) - F(5) + F(4) + F(7) = T(3) - T(5) - T(4) + T(7).$$

$$\mathbf{10} := F(1) + F(2) - F(5) + F(7) \quad = -T(1) \times T(2) - T(5) + T(7).$$
$$:= F(1) + F(2) - F(7) + F(8) \quad = -T(1) + T(2) - T(7) + T(8).$$
$$:= -F(1) - F(3) - F(6) + F(8) = T(1) - T(3) - T(6) + T(8).$$

$$\mathbf{11} := -F(1) + F(3) - F(4) + F(7) = -T(1) - T(3) - T(4) + T(7).$$
$$:= -F(1) - F(2) - F(6) + F(8) = -T(1) - T(2) - T(6) + T(8).$$
$$:= -F(1) - F(2) - F(8) + F(9) = -T(1) + T(2) - T(8) + T(9).$$
$$:= F(2) + F(3) - F(7) + F(8) \quad = -T(2) + T(3) - T(7) + T(8).$$
$$:= F(2) + F(5) - F(6) + F(7) \quad = T(2) + T(5) + T(6) - T(7).$$
$$:= F(2) - F(5) + F(3) + F(7) \quad = T(2) \times T(5) - T(3) - T(7).$$

$$\mathbf{12} := F(1) + F(2) - F(4) + F(7) \quad = (T(1) + T(2)) \times T(4) - T(7).$$
$$:= F(1) - F(3) + F(5) + F(6) \quad = T(1) \times T(3) - T(5) + T(6).$$
$$:= -F(1) - F(4) - F(5) + F(8) = T(1) - T(4) - T(5) + T(8).$$
$$:= F(2) - F(3) + F(5) + F(6) \quad = T(2) \times T(3) + T(5) - T(6).$$
$$:= F(2) - F(3) - F(6) + F(8) \quad = T(2) - T(3) - T(6) + T(8).$$
$$:= F(2) - F(3) - F(8) + F(9) \quad = -T(2) + T(3) - T(8) + T(9).$$

$$\mathbf{13} := -F(1) - F(3) + F(4) + F(7) = T(1) - T(3) - T(4) + T(7).$$

14 $:= -F(1) + F(3) - F(8) + F(9) = -T(1) + T(3) - T(8) + T(9).$
$\quad := -F(1) - F(2) + F(4) + F(7) = -T(1) - T(2) - T(4) + T(7).$
$\quad := F(2) - F(4) - F(5) + F(8) \quad = T(2) - T(4) - T(5) + T(8).$
$\quad := -F(3) - F(5) + F(6) + F(7) = T(3) + T(5) + T(6) - T(7).$

15 $:= -F(1) + F(4) + F(5) + F(6) = -T(1) + T(4) - T(5) + T(6).$
$\quad := F(1) - F(3) - F(5) + F(8) \quad = -T(1) \times T(3) - T(5) + T(8).$
$\quad := -F(2) + F(4) - F(6) + F(8) = T(2) \times T(4) + T(6) - T(8).$
$\quad := F(2) - F(3) + F(4) + F(7) \quad = T(2) - T(3) - T(4) + T(7).$
$\quad := F(2) - F(5) - F(3) + F(8) \quad = T(2) \times T(5) + T(3) - T(8).$

16 $:= F(1) + F(3) - F(8) + F(9) \quad = T(1) + T(3) - T(8) + T(9).$
$\quad := -F(1) - F(2) + F(5) + F(7) = T(1) \times T(2) - T(5) + T(7).$
$\quad := -F(1) - F(2) - F(4) + F(8) = (T(1) - T(2)) \times T(4) + T(8).$

17 $:= -F(1) - F(2) - F(3) + F(8) = -T(1) - T(2) \times T(3) + T(8).$
$\quad := -F(1) - F(4) + F(6) + F(7) = T(1) \times T(4) - T(6) + T(7).$
$\quad := F(2) - F(3) + F(5) + F(7) \quad = (-T(2) + T(3)) \times T(5) - T(7).$
$\quad := F(2) - F(3) - F(4) + F(8) \quad = -T(2) - T(3) - T(4) + T(8).$
$\quad := F(2) - F(6) + F(4) + F(8) \quad = T(2) \times T(6) - T(4) - T(8).$
$\quad := -F(3) + F(4) - F(5) + F(8) = T(3) - T(4) - T(5) + T(8).$

18 $:= F(1) + F(2) - F(5) + F(8) = -T(1) \times T(2) - T(5) + T(8).$

19 $:= -F(1) + F(3) + F(5) + F(7) = T(1) \times T(3) - T(5) + T(7).$
$\quad := -F(1) + F(3) - F(4) + F(8) = -T(1) - T(3) - T(4) + T(8).$
$\quad := -F(1) - F(2) - F(7) + F(9) = -T(1) + T(2) - T(7) + T(9).$
$\quad := F(4) + F(6) - F(7) + F(8) \quad = -T(4) + T(6) - T(7) + T(8).$

20 $:= -F(2) + F(4) + F(5) + F(7) = -T(2) + T(4) - T(5) + T(7).$
$\quad := F(2) - F(3) - F(7) + F(9) \quad = -T(2) + T(3) - T(7) + T(9).$

21 $:= -F(1) - F(3) + F(4) + F(8) = T(1) - T(3) - T(4) + T(8).$
$\quad := -F(2) - F(3) + F(4) + F(8) = -T(2) + T(3) \times T(4) - T(8).$

22 $:= -F(1) + F(3) - F(7) + F(9) = -T(1) + T(3) - T(7) + T(9).$
$\quad := -F(1) - F(2) + F(4) + F(8) = -T(1) - T(2) - T(4) + T(8).$

23 $:= F(1) - F(3) + F(4) + F(8) \quad = -T(1) + T(3) \times T(4) - T(8).$
$\quad := -F(2) + F(4) + F(6) + F(7) = T(2) \times T(4) + T(6) - T(7).$
$\quad := F(2) - F(3) + F(4) + F(8) \quad = T(2) - T(3) - T(4) + T(8).$
$\quad := -F(4) - F(6) + F(7) + F(8) = T(4) + T(6) + T(7) - T(8).$

$$24 := F(1) + F(3) - F(7) + F(9) \quad = T(1) + T(3) - T(7) + T(9).$$
$$\quad := -F(1) - F(2) + F(5) + F(8) = (T(1) + T(2)) \times T(5) - T(8).$$

$$25 := -F(1) + F(3) + F(4) + F(8) = T(1) + T(3) \times T(4) - T(8).$$
$$\quad := -F(1) - F(4) + F(6) + F(8) = T(1) \times T(4) - T(6) + T(8).$$
$$\quad := F(3) - F(4) + F(5) + F(8) \quad = -T(3) + T(4) - T(5) + T(8).$$

$$27 := -F(1) + F(3) + F(5) + F(8) = T(1) \times T(3) - T(5) + T(8).$$
$$\quad := -F(1) - F(2) + F(6) + F(8) = T(1) \times T(2) \times T(6) - T(8).$$
$$\quad := -F(1) - F(2) - F(5) + F(9) = -T(1) \times T(2) - T(5) + T(9).$$
$$\quad := -F(2) + F(3) - F(6) + F(9) = -T(2) + T(3) - T(6) + T(9).$$
$$\quad := F(2) - F(4) + F(6) + F(8) \quad = -T(2) \times T(4) + T(6) + T(8).$$

$$28 := F(1) + F(2) - F(6) + F(9) \quad = T(1) + T(2) - T(6) + T(9).$$
$$\quad := -F(1) - F(3) - F(4) + F(9) = -T(1) - T(3) - T(4) + T(9).$$
$$\quad := -F(2) + F(4) + F(5) + F(8) = -T(2) + T(4) - T(5) + T(8).$$
$$\quad := -F(2) - F(6) + F(4) + F(9) = T(2) \times T(6) + T(4) - T(9).$$

$$29 := F(1) + F(3) - F(6) + F(9) = -T(1) + T(3) - T(6) + T(9).$$
$$\quad := F(4) + F(7) - F(8) + F(9) = T(4) + T(7) + T(8) - T(9).$$

$$30 := -F(1) + F(3) - F(5) + F(9) = (-T(1) + T(3)) \times T(5) - T(9).$$
$$\quad := -F(1) - F(3) - F(2) + F(9) = (T(1) - T(3)) \times T(2) + T(9).$$
$$\quad := F(1) - F(3) - F(4) + F(9) \quad = T(1) - T(3) - T(4) + T(9).$$
$$\quad := -F(3) + F(4) - F(5) + F(9) = T(3) \times T(4) + T(5) - T(9).$$

$$32 := -F(2) + F(3) - F(4) + F(9) = T(2) - T(3) - T(4) + T(9).$$

$$33 := F(1) + F(2) - F(4) + F(9) \quad = T(1) - T(2) - T(4) + T(9).$$
$$\quad := -F(2) + F(5) + F(6) + F(8) = T(2) + T(5) - T(6) + T(8).$$
$$\quad := F(3) + F(5) - F(6) + F(9) \quad = -T(3) + T(5) - T(6) + T(9).$$

$$34 := F(3) - F(5) + F(4) + F(9) = -T(3) - T(5) + T(4) + T(9).$$

$$36 := -F(1) - F(3) + F(5) + F(9) = T(1) \times T(3) - T(5) + T(9).$$
$$\quad := -F(2) - F(5) + F(6) + F(9) = -T(2) + T(5) - T(6) + T(9).$$

$$37 := F(1) + F(4) - F(2) + F(9) = -T(1) - T(4) + T(2) + T(9).$$
$$\quad := F(2) - F(4) + F(5) + F(9) = -T(2) + T(4) - T(5) + T(9).$$

$$38 := F(1) - F(5) + F(6) + F(9) \quad = -T(1) + T(5) - T(6) + T(9).$$
$$:= -F(1) - F(6) + F(7) + F(9) = T(1) \times T(6) - T(7) + T(9).$$
$$:= -F(2) + F(3) + F(4) + F(9) = -T(2) + T(3) - T(4) + T(9).$$

$$39 := -F(4) + F(6) + F(7) + F(8) = T(4) + T(6) - T(7) + T(8).$$
$$41 := -F(1) + F(4) + F(5) + F(9) = T(1) + T(4) - T(5) + T(9).$$
$$42 := F(4) + F(7) - F(6) + F(9) \quad = -T(4) + T(7) - T(6) + T(9).$$
$$43 := -F(2) - F(4) + F(7) + F(9) = -T(2) \times T(4) + T(7) + T(9).$$
$$45 := -F(3) - F(6) + F(8) + F(9) = T(3) \times T(6) - T(8) - T(9).$$
$$49 := -F(2) + F(7) + F(4) + F(9) = T(2) \times T(7) + T(4) - T(9).$$
$$50 := F(4) - F(6) + F(8) + F(9) \quad = -T(4) - T(6) + T(8) + T(9).$$
$$51 := -F(2) - F(4) + F(8) + F(9) = -T(2) \times T(4) + T(8) + T(9).$$

$$53 := F(2) + F(8) - F(4) + F(9) \quad = T(2) \times T(8) - T(4) - T(9).$$
$$:= -F(3) + F(6) + F(7) + F(9) = T(3) \times T(6) - T(7) - T(9).$$

Acknowledgement

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, Charlers Scriber's Son, New York, 1966.

[4] KNOTT, R., The Mathematical Magic of the Fibonacci Numbers, *http://www.maths.surrey.ac.uk/hosted-sites/R.Knott/Fibonacci/fibmaths.html*

[5] KNOTT, R., Fibonacci and Lucas Number Calculator, *http://www.maths.surrey.ac.uk/hosted-sites/R.Knott/Fibonacci/fibCalcX.html*

[6] 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*.

[7] 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*.

[8] 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*.

[9] 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*.

[10] I.J. TANEJA, 2017 – Mathematical Style, RGMIA Research Report Collection, **20**(2017), Article 03, pp.1–17, *http://rgmia.org/papers/v20/v20a03.pdf*.

[11] 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*.

[12] 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*.

[13] 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*.

[14] 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*.

[15] I.J. TANEJA, Factorial–Power Selfie Expressions – I, RGMIA Research Report Collection, **20**(2017), Art. 36, pp. 1–55, *http://rgmia.org/papers/v20/v20a36.pdf*.

[16] I.J. TANEJA, Factorial–Power Selfie Expressions – II, RGMIA Research Report Collection, **20**(2017), Art. 96, pp. 1–47, *http://rgmia.org/papers/v20/v20a96.pdf*.

[17] I.J. TANEJA, Triangular Selfie Numbers – I, RGMIA Research Report Collection, **20**(2017), Art. 54, pp. 1–78, *http://rgmia.org/papers/v20/v20a54.pdf*.

[18] I.J. TANEJA, Simultaneous Representations of Selfie Numbers in Terms of Fibonacci and Triangular Numbers, RGMIA Research Report Collection, **20**(2017), Art. 55, pp. 1–87, *http://rgmia.org/papers/v20/v20a55.pdf* – *https://goo.gl/qEPB1V*.

[19] I.J. TANEJA, Factorial–Type SelïňÄe Expressions with Fibonacci and Triangular Values, RGMIA Research Report Collection, **20**(2017), Art. 114, pp. 1–52, *http://rgmia.org/papers/v20/v20a114.pdf*.

[20] I.J. TANEJA, Fibonacci–Triangular–Type Selfie Expressions – II, RGMIA Research Report Collection, **20**(2017), pp. 1–68, *http://rgmia.org/v20.php*.

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