

Multiplicative-Type Selfie Equalities

Received 28/02/18

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Abstract

This paper brings **multiplicative-type selfie equalities** in different situations. In most of the situations, there are same digits on both side of the equalities. The principal possibilities studied are with **palindromic type expressions**, separated by operation of **multiplication** representing same digits both sides. There is one situation, where the digits are different on both sides of the expressions.

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1 Selfie Expressions

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

$$abcd\dots \times efgh\dots = cbad\dots \times gfhe\dots \quad \forall a, b, c, d, e, \dots \in \mathbb{N}_+ \quad (1)$$

$$a^b + c^d + \dots = ab + cd + \dots, \quad \forall a, b, c, d, \dots \in \mathbb{N} \quad (2)$$

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

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

Works connected with expressions (2), (3) and (4) can be seen in [10, 11, 12, 14, 15, 16, 17]. In this paper, we shall bring results connected with expression (1) revising the author's previous work [13]. From historical point of view refer [1, 2, 3, 5]. For summary, refer author's work [18].

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2 Multiplicative Selfie Equalities

Let's consider following two types of expressions. We call as **palindromic-type expressions**. Some studies in this direction can be seen in [4]. Let us separate these numbers in two categories:

- **Type 1:**

$$1596 \times 6951 = 2793 \times 3972 := 11093796.$$

$$616248 \times 842616 = 645408 \times 804546 := 519260424768.$$

- **Type 2:**

$$234 \times 111 + 111 \times 432 = 25974 + 47952 := 73926.$$

$$10011 \times 11 + 11 \times 11001 = 110121 + 121011 := 231132.$$

The difference is that the first type is only with **multiplication**, and second type is with **addition** and **multiplication**. The work on second type can be seen in [8, 19]. This work is concentrated on the first type only with multiplication. This same as given in (1). Since it works with same digits on both sides, separated by multiplication, we call then as **multiplicative-type selfie equalities**. By **multiplicative-type selfie equalities**, we understand that there equalities, where each side is separated by multiplicative factors having same digits on both sides, not necessarily in same order. There are many ways of writing these kind of number, but we have choose only three:

(i) Palindromic-Type Selfie Equalities

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

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

Due to large quantity of numbers, we worked only up to 7-digits each multiplicative product. For details see the subsection 2.1.

(ii) Palindromic-Type Non-Selfie Equalities

In this case we have equalities in such a way that, each side is multiplicative palindromic-type multiplicative, but with different digits on each side, for example,

$$350556 \times 655053 = 374316 \times 613473$$

$$16944 \times 44961 = 25692 \times 29652$$

Due to large quantity of numbers, we worked only up to 6-digits numbers in each multiplicative product. For details see the subsection 2.2.

(iii) Multiplicative Selfie Equalities

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

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

Due to large quantity of numbers, we worked only up to 3 digits each multiplicative product. For details see the subsection 2.3.

(iv) Higher Order Selfie Equalities

The third case is similar to second but there is no rule with order of digits. Only thing is that on both sides of the equality sign, there are same digits. For example,

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

Due to large quantity of numbers, we worked only with double or higher equality signs. For details see the subsection 2.4.

(v) Unordered Selfie Equalities

Vamp numbers are very famous in the literature of mathematics [1], puzzles 84 and 85. In this case numbers are equivalent to product of two or more numbers with same digits, not necessarily in same order. For simplicity, let us call these numbers as "**unordered selfie numbers**", for examples,

$$36 \times 7326 = 72 \times 3663$$

$$6 \times 48279 = 42 \times 6897$$

Since there are too much numbers of this kind. Let write only those numbers having more than one possibility or more than one equality signs. In this case there are very few numbers up to 8 digits.

2.1 Palindromic-Type Selfie Equalities

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

$$\diamond 13692 \times 29631 = 16932 \times 23961$$

$$\diamond 14028 \times 82041 = 28014 \times 41082$$

$$\diamond 14154 \times 45141 = 15414 \times 41451$$

$$\diamond 14326 \times 62341 = 26143 \times 34162$$

$$\diamond 14339 \times 93341 = 34193 \times 39143$$

$$\diamond 14573 \times 37541 = 15743 \times 34751$$

$$\diamond 15165 \times 56151 = 16515 \times 51561$$

- $\diamond 15428 \times 82451 = 28154 \times 45182$
 $\diamond 15694 \times 49651 = 16954 \times 45961$
 $\diamond 16176 \times 67161 = 17616 \times 61671$
 $\diamond 17187 \times 78171 = 18717 \times 71781$
 $\diamond 18198 \times 89181 = 19818 \times 81891$
 $\diamond 23046 \times 64032 = 32064 \times 46023$
 $\diamond 23064 \times 46032 = 26304 \times 40362$
 $\diamond 23069 \times 96032 = 32096 \times 69023$
 $\diamond 23253 \times 35232 = 25323 \times 32352$
 $\diamond 23546 \times 64532 = 35624 \times 42653$
 $\diamond 24036 \times 63042 = 36024 \times 42063$
 $\diamond 24048 \times 84042 = 42084 \times 48024$
 $\diamond 24264 \times 46242 = 26424 \times 42462$
 $\diamond 24396 \times 69342 = 39624 \times 42693$
 $\diamond 25275 \times 57252 = 27525 \times 52572$
 $\diamond 25346 \times 64352 = 35264 \times 46253$
 $\diamond 25369 \times 96352 = 35296 \times 69253$
 $\diamond 25464 \times 46452 = 26544 \times 44562$
 $\diamond 25783 \times 38752 = 27853 \times 35872$
 $\diamond 26039 \times 93062 = 39026 \times 62093$
 $\diamond 26286 \times 68262 = 28626 \times 62682$
 $\diamond 26436 \times 63462 = 36264 \times 46263$
 $\diamond 26448 \times 84462 = 46284 \times 48264$
 $\diamond 26784 \times 48762 = 27864 \times 46872$
 $\diamond 27297 \times 79272 = 29727 \times 72792$
 $\diamond 27586 \times 68572 = 28756 \times 65782$
 $\diamond 28639 \times 93682 = 39286 \times 68293$
 $\diamond 34068 \times 86043 = 43086 \times 68034$
 $\diamond 34374 \times 47343 = 37434 \times 43473$
 $\diamond 35196 \times 69153 = 39516 \times 61593$
 $\diamond 35385 \times 58353 = 38535 \times 53583$
 $\diamond 36048 \times 84063 = 48036 \times 63084$
 $\diamond 36396 \times 69363 = 39636 \times 63693$
 $\diamond 37468 \times 86473 = 47386 \times 68374$
 $\diamond 37596 \times 69573 = 39756 \times 65793$
 $\diamond 38796 \times 69783 = 39876 \times 67893$
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 $\diamond 105144 \times 441501 = 114504 \times 405411$
 $\diamond 105248 \times 842501 = 218504 \times 405812$
 $\diamond 106155 \times 551601 = 115605 \times 506511$
 $\diamond 107166 \times 661701 = 116706 \times 607611$
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\end{array}$$

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\diamond 232346 \times 643232 = 323264 \times 462323 & \diamond 244366 \times 663442 = 366244 \times 442663 \\
\diamond 232369 \times 963232 = 323296 \times 692323 & \diamond 244488 \times 884442 = 442884 \times 488244 \\
\diamond 232553 \times 355232 = 255323 \times 323552 & \diamond 244608 \times 806442 = 428064 \times 460824 \\
\diamond 232783 \times 387232 = 278323 \times 323872 & \diamond 244728 \times 827442 = 428274 \times 472824 \\
\diamond 233466 \times 664332 = 332664 \times 466233 & \diamond 244836 \times 638442 = 364824 \times 428463 \\
\diamond 233699 \times 996332 = 332996 \times 699233 & \diamond 244848 \times 848442 = 428484 \times 484824 \\
\diamond 234416 \times 614432 = 326144 \times 441623 & \diamond 244968 \times 869442 = 428694 \times 496824 \\
\diamond 234468 \times 864432 = 432864 \times 468234 & \diamond 245464 \times 464542 = 256444 \times 444652 \\
\diamond 234646 \times 646432 = 326464 \times 464623 & \diamond 245673 \times 376542 = 267543 \times 345762 \\
\diamond 234669 \times 966432 = 326496 \times 694623 & \diamond 246369 \times 963642 = 369246 \times 642963 \\
\diamond 234876 \times 678432 = 326784 \times 487623 & \diamond 246684 \times 486642 = 268644 \times 446862 \\
\diamond 234906 \times 609432 = 309264 \times 462903 & \diamond 247695 \times 596742 = 269745 \times 547962 \\
\diamond 235176 \times 671532 = 257316 \times 613752 & \diamond 250275 \times 572052 = 275025 \times 520572 \\
\diamond 235563 \times 365532 = 256533 \times 335652 & \diamond 251369 \times 963152 = 395216 \times 612593 \\
\diamond 235846 \times 648532 = 356824 \times 428653 & \diamond 252775 \times 577252 = 277525 \times 525772 \\
\diamond 236509 \times 905632 = 329056 \times 650923 & \diamond 253046 \times 640352 = 352064 \times 460253 \\
\diamond 236574 \times 475632 = 257634 \times 436752 & \diamond 253069 \times 960352 = 352096 \times 690253 \\
\diamond 236739 \times 937632 = 329376 \times 673923 & \diamond 253464 \times 464352 = 265344 \times 443562 \\
\diamond 236946 \times 649632 = 329664 \times 466923 & \diamond 254436 \times 634452 = 362544 \times 445263 \\
\diamond 236969 \times 969632 = 329696 \times 696923 & \diamond 254448 \times 844452 = 445284 \times 482544
\end{array}$$

$$\begin{aligned}
&\diamond 254664 \times 466452 = 266544 \times 445662 && \diamond 309366 \times 663903 = 336906 \times 609633 \\
&\diamond 254784 \times 487452 = 278544 \times 445872 && \diamond 309468 \times 864903 = 438906 \times 609834 \\
&\diamond 255346 \times 643552 = 355264 \times 462553 && \diamond 314628 \times 826413 = 413826 \times 628314 \\
&\diamond 255369 \times 963552 = 355296 \times 692553 && \diamond 317454 \times 454713 = 345714 \times 417543 \\
&\diamond 255783 \times 387552 = 278553 \times 355872 && \diamond 318465 \times 564813 = 346815 \times 518643 \\
&\diamond 256794 \times 497652 = 279654 \times 456972 && \diamond 319476 \times 674913 = 347916 \times 619743 \\
&\diamond 260039 \times 930062 = 390026 \times 620093 && \diamond 324648 \times 846423 = 423846 \times 648324 \\
&\diamond 260286 \times 682062 = 286026 \times 620682 && \diamond 325136 \times 631523 = 335216 \times 612533 \\
&\diamond 261339 \times 933162 = 391326 \times 623193 && \diamond 327564 \times 465723 = 356724 \times 427653 \\
&\diamond 262639 \times 936262 = 392626 \times 626293 && \diamond 328039 \times 930823 = 338209 \times 902833 \\
&\diamond 262756 \times 657262 = 275626 \times 626572 && \diamond 328575 \times 575823 = 357825 \times 528753 \\
&\diamond 262886 \times 688262 = 288626 \times 626882 && \diamond 329586 \times 685923 = 358926 \times 629853 \\
&\diamond 263809 \times 908362 = 380926 \times 629083 && \diamond 334668 \times 866433 = 433866 \times 668334 \\
&\diamond 263939 \times 939362 = 393926 \times 629393 && \diamond 336448 \times 844633 = 448336 \times 633844 \\
&\diamond 264036 \times 630462 = 360264 \times 462063 && \diamond 337456 \times 654733 = 347536 \times 635743 \\
&\diamond 264048 \times 840462 = 462084 \times 480264 && \diamond 337674 \times 476733 = 367734 \times 437763 \\
&\diamond 264396 \times 693462 = 396264 \times 462693 && \diamond 338576 \times 675833 = 358736 \times 637853 \\
&\diamond 265893 \times 398562 = 289563 \times 365982 && \diamond 338685 \times 586833 = 368835 \times 538863 \\
&\diamond 266399 \times 993662 = 399266 \times 662993 && \diamond 339696 \times 696933 = 369936 \times 639963 \\
&\diamond 266436 \times 634662 = 362664 \times 466263 && \diamond 340068 \times 860043 = 430086 \times 680034 \\
&\diamond 266448 \times 844662 = 466284 \times 482664 && \diamond 340374 \times 473043 = 374034 \times 430473 \\
&\diamond 266784 \times 487662 = 278664 \times 466872 && \diamond 343468 \times 864343 = 434386 \times 683434 \\
&\diamond 267596 \times 695762 = 279566 \times 665972 && \diamond 343774 \times 477343 = 377434 \times 434773 \\
&\diamond 267984 \times 489762 = 279864 \times 468972 && \diamond 344688 \times 886443 = 443886 \times 688344 \\
&\diamond 270297 \times 792072 = 297027 \times 720792 && \diamond 346528 \times 825643 = 438256 \times 652834 \\
&\diamond 272997 \times 799272 = 299727 \times 727992 && \diamond 346868 \times 868643 = 438686 \times 686834 \\
&\diamond 274586 \times 685472 = 287456 \times 654782 && \diamond 347784 \times 487743 = 378744 \times 447873 \\
&\diamond 275639 \times 936572 = 392756 \times 657293 && \diamond 348795 \times 597843 = 379845 \times 548973 \\
&\diamond 275886 \times 688572 = 288756 \times 657882 && \diamond 350385 \times 583053 = 385035 \times 530583 \\
&\diamond 278346 \times 643872 = 387264 \times 462783 && \diamond 351636 \times 636153 = 363516 \times 615363 \\
&\diamond 278369 \times 963872 = 387296 \times 692783 && \diamond 351648 \times 846153 = 483516 \times 615384 \\
&\diamond 278436 \times 634872 = 362784 \times 487263 && \diamond 351756 \times 657153 = 375516 \times 615573 \\
&\diamond 278448 \times 844872 = 482784 \times 487284 && \diamond 351876 \times 678153 = 387516 \times 615783 \\
&\diamond 282968 \times 869282 = 296828 \times 828692 && \diamond 351996 \times 699153 = 399516 \times 615993 \\
&\diamond 286039 \times 930682 = 390286 \times 682093 && \diamond 353885 \times 588353 = 388535 \times 535883 \\
&\diamond 288639 \times 936882 = 392886 \times 688293 && \diamond 354166 \times 661453 = 365146 \times 641563 \\
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&\diamond 306408 \times 804603 = 408306 \times 603804 && \diamond 360048 \times 840063 = 480036 \times 630084 \\
&\diamond 307344 \times 443703 = 334704 \times 407433 && \diamond 360396 \times 693063 = 396036 \times 630693 \\
&\diamond 307648 \times 846703 = 407836 \times 638704 && \diamond 361248 \times 842163 = 481236 \times 632184 \\
&\diamond 308355 \times 553803 = 335805 \times 508533 && \diamond 362448 \times 844263 = 482436 \times 634284
\end{aligned}$$

$\diamond 363648 \times 846363 = 483636 \times 636384$
 $\diamond 363756 \times 657363 = 375636 \times 636573$
 $\diamond 363876 \times 678363 = 387636 \times 636783$
 $\diamond 363996 \times 699363 = 399636 \times 636993$
 $\diamond 364608 \times 806463 = 460836 \times 638064$
 $\diamond 364728 \times 827463 = 472836 \times 638274$
 $\diamond 364848 \times 848463 = 484836 \times 638484$
 $\diamond 364968 \times 869463 = 496836 \times 638694$
 $\diamond 366488 \times 884663 = 488366 \times 663884$
 $\diamond 367586 \times 685763 = 378566 \times 665873$
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 $\diamond 374068 \times 860473 = 473086 \times 680374$
 $\diamond 375648 \times 846573 = 483756 \times 657384$
 $\diamond 375876 \times 678573 = 387756 \times 657783$
 $\diamond 375996 \times 699573 = 399756 \times 657993$
 $\diamond 377468 \times 864773 = 477386 \times 683774$
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 $\diamond 386099 \times 990683 = 398069 \times 960893$
 $\diamond 386796 \times 697683 = 398676 \times 676893$
 $\diamond 387648 \times 846783 = 483876 \times 678384$
 $\diamond 387996 \times 699783 = 399876 \times 678993$
 $\diamond 396048 \times 840693 = 480396 \times 693084$
 $\diamond 399648 \times 846993 = 483996 \times 699384$
 $\diamond 406609 \times 906604 = 604906 \times 609406$
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 $\diamond 429675 \times 576924 = 467925 \times 529764$
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 $\diamond 439785 \times 587934 = 478935 \times 539874$
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 $\diamond 441876 \times 678144 = 487416 \times 614784$
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 $\diamond 446669 \times 966644 = 644966 \times 669446$
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 $\diamond 449895 \times 598944 = 489945 \times 549984$
 $\diamond 450495 \times 594054 = 495045 \times 540594$

$\diamond 454995 \times 599454 = 499545 \times 545994$
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 $\diamond 460728 \times 827064 = 472608 \times 806274$
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 $\diamond 460968 \times 869064 = 496608 \times 806694$
 $\diamond 462369 \times 963264 = 643296 \times 692346$
 $\diamond 464088 \times 880464 = 486048 \times 840684$
 $\diamond 464669 \times 966464 = 646496 \times 694646$
 $\diamond 464876 \times 678464 = 487646 \times 646784$
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 $\diamond 466699 \times 996664 = 664996 \times 699466$
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 $\diamond 676399 \times 993676 = 697369 \times 963796$

$\diamond 1013022 \times 2203101 = 1103202 \times 2023011$
 $\diamond 1014033 \times 3304101 = 1104303 \times 3034011$
 $\diamond 1015044 \times 4405101 = 1105404 \times 4045011$
 $\diamond 1016055 \times 5506101 = 1106505 \times 5056011$
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 $\diamond 1020204 \times 4020201 = 2010402 \times 2040102$
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 $\diamond 1020408 \times 8040201 = 2010804 \times 4080102$

- $\diamond 1021122 \times 2211201 = 1122102 \times 2012211$
 $\diamond 1021224 \times 4221201 = 2012412 \times 2142102$
 $\diamond 1021231 \times 1321201 = 1103221 \times 1223011$
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 $\diamond 1023162 \times 2613201 = 1326102 \times 2016231$
 $\diamond 1023224 \times 4223201 = 2034212 \times 2124302$
 $\diamond 1023264 \times 4623201 = 2016432 \times 2346102$
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 $\diamond 1032342 \times 2432301 = 1234302 \times 2034321$
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 $\diamond 1033062 \times 2603301 = 1303602 \times 2063031$
 $\diamond 1033193 \times 3913301 = 1339103 \times 3019331$
 $\diamond 1033296 \times 6923301 = 2369103 \times 3019632$
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 $\diamond 1033399 \times 9933301 = 3019933 \times 3399103$
 $\diamond 1034093 \times 3904301 = 1304903 \times 3094031$
 $\diamond 1034172 \times 2714301 = 1307412 \times 2147031$
 $\diamond 1034382 \times 2834301 = 1438302 \times 2038341$
 $\diamond 1040208 \times 8020401 = 2080104 \times 4010802$
 $\diamond 1041144 \times 4411401 = 1144104 \times 4014411$
 $\diamond 1041248 \times 8421401 = 2184104 \times 4014812$
 $\diamond 1041273 \times 3721401 = 1247013 \times 3107421$
 $\diamond 1041433 \times 3341401 = 1143403 \times 3043411$
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 $\diamond 1042288 \times 8822401 = 2288104 \times 4018822$
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 $\diamond 1052742 \times 2472501 = 1254702 \times 2074521$
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 $\diamond 1071177 \times 7711701 = 1177107 \times 7017711$
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 $\diamond 1081188 \times 8811801 = 1188108 \times 8018811$

$$\begin{array}{ll}
\diamond 1081877 \times 7781801 = 1187807 \times 7087811 & \diamond 1135352 \times 2535311 = 1335512 \times 2155331 \\
\diamond 1091199 \times 9911901 = 1199109 \times 9019911 & \diamond 1135372 \times 2735311 = 1317532 \times 2357131 \\
\diamond 1091988 \times 8891901 = 1198908 \times 8098911 & \diamond 1135792 \times 2975311 = 1579312 \times 2139751 \\
\diamond 1101022 \times 2201011 = 1211002 \times 2001121 & \diamond 1136373 \times 3736311 = 1336713 \times 3176331 \\
\diamond 1110322 \times 2230111 = 1231102 \times 2011321 & \diamond 1137394 \times 4937311 = 1337914 \times 4197331 \\
\diamond 1112032 \times 2302111 = 1201312 \times 2131021 & \diamond 1140228 \times 8220411 = 2280114 \times 4110822 \\
\diamond 1120224 \times 4220211 = 2110422 \times 2240112 & \diamond 1141254 \times 4521411 = 1254114 \times 4114521 \\
\diamond 1120336 \times 6330211 = 2110633 \times 3360112 & \diamond 1142543 \times 3452411 = 1254413 \times 3144521 \\
\diamond 1120448 \times 8440211 = 2110844 \times 4480112 & \diamond 1143282 \times 2823411 = 1413822 \times 2283141 \\
\diamond 1121232 \times 2321211 = 1232112 \times 2112321 & \diamond 1143673 \times 3763411 = 1367413 \times 3147631 \\
\diamond 1122204 \times 4022211 = 2041122 \times 2211402 & \diamond 1144208 \times 8024411 = 2081144 \times 4411802 \\
\diamond 1122306 \times 6032211 = 2211603 \times 3061122 & \diamond 1145248 \times 8425411 = 2185144 \times 4415812 \\
\diamond 1122408 \times 8042211 = 2211804 \times 4081122 & \diamond 1145872 \times 2785411 = 1478512 \times 2158741 \\
\diamond 1122464 \times 4642211 = 2114642 \times 2464112 & \diamond 1146472 \times 2746411 = 1446712 \times 2176441 \\
\diamond 1123083 \times 3803211 = 1301823 \times 3281031 & \diamond 1151265 \times 5621511 = 1265115 \times 5115621 \\
\diamond 1123224 \times 4223211 = 2143122 \times 2213412 & \diamond 1152654 \times 4562511 = 1265514 \times 4155621 \\
\diamond 1123242 \times 2423211 = 1213422 \times 2243121 & \diamond 1153794 \times 4973511 = 1379514 \times 4159731 \\
\diamond 1123326 \times 6233211 = 2213613 \times 3163122 & \diamond 1157592 \times 2957511 = 1557912 \times 2197551 \\
\diamond 1123428 \times 8243211 = 2213814 \times 4183122 & \diamond 1161276 \times 6721611 = 1276116 \times 6116721 \\
\diamond 1123696 \times 6963211 = 2116963 \times 3696112 & \diamond 1162765 \times 5672611 = 1276615 \times 5166721 \\
\diamond 1124232 \times 2324211 = 1224312 \times 2134221 & \diamond 1171287 \times 7821711 = 1287117 \times 7117821 \\
\diamond 1124363 \times 3634211 = 1214633 \times 3364121 & \diamond 1172876 \times 6782711 = 1287716 \times 6177821 \\
\diamond 1125243 \times 3425211 = 1225413 \times 3145221 & \diamond 1181298 \times 8921811 = 1298118 \times 8118921 \\
\diamond 1125484 \times 4845211 = 1215844 \times 4485121 & \diamond 1182987 \times 7892811 = 1298817 \times 7188921 \\
\diamond 1126254 \times 4526211 = 1226514 \times 4156221 & \diamond 1200024 \times 4200021 = 2100042 \times 2400012 \\
\diamond 1127265 \times 5627211 = 1227615 \times 5167221 & \diamond 1200036 \times 6300021 = 2100063 \times 3600012 \\
\diamond 1128276 \times 6728211 = 1228716 \times 6178221 & \diamond 1200048 \times 8400021 = 2100084 \times 4800012 \\
\diamond 1129287 \times 7829211 = 1229817 \times 7189221 & \diamond 1200132 \times 2310021 = 1320012 \times 2100231 \\
\diamond 1130226 \times 6220311 = 2260113 \times 3110622 & \diamond 1200264 \times 4620021 = 2100462 \times 2640012 \\
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\diamond 1131243 \times 3421311 = 1243113 \times 3113421 & \diamond 1201033 \times 3301021 = 1321003 \times 3001231 \\
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\diamond 1133206 \times 6023311 = 2061133 \times 3311602 & \diamond 1201236 \times 6321021 = 2102163 \times 3612012 \\
\diamond 1133262 \times 2623311 = 1313622 \times 2263131 & \diamond 1201248 \times 8421021 = 2102184 \times 4812012 \\
\diamond 1133309 \times 9033311 = 3091133 \times 3311903 & \diamond 1201332 \times 2331021 = 1332012 \times 2102331 \\
\diamond 1133552 \times 2553311 = 1355312 \times 2135531 & \diamond 1201452 \times 2541021 = 1452012 \times 2102541 \\
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- $\diamond 1202424 \times 4242021 = 2104242 \times 2424012$
 $\diamond 1202436 \times 6342021 = 2104263 \times 3624012$
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 $\diamond 1204824 \times 4284021 = 2108442 \times 2448012$
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\diamond 1235982 \times 2895321 = 1598322 \times 2238951 & \diamond 1247662 \times 2667421 = 1467622 \times 2267641 \\
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\diamond 1236264 \times 4626321 = 2163462 \times 2643612 & \diamond 1248264 \times 4628421 = 2184462 \times 2644812 \\
\diamond 1236309 \times 9036321 = 3092163 \times 3612903 & \diamond 1248396 \times 6938421 = 2184693 \times 3964812 \\
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\diamond 1236592 \times 2956321 = 1569232 \times 2329651 & \diamond 1253739 \times 9373521 = 3271953 \times 3591723 \\
\diamond 1236756 \times 6576321 = 2567613 \times 3167652 & \diamond 1253764 \times 4673521 = 1376524 \times 4256731 \\
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\diamond 1237596 \times 6957321 = 2165793 \times 3975612 & \diamond 1257836 \times 6387521 = 2185763 \times 3675812 \\
\diamond 1238266 \times 6628321 = 2268163 \times 3618622 & \diamond 1259648 \times 8469521 = 2196584 \times 4856912 \\
\diamond 1238369 \times 9638321 = 3298163 \times 3618923 & \diamond 1259882 \times 2889521 = 1589822 \times 2289851 \\
\diamond 1238475 \times 5748321 = 1348725 \times 5278431 & \diamond 1261386 \times 6831621 = 1386126 \times 6216831 \\
\diamond 1238676 \times 6768321 = 2167683 \times 3867612 & \diamond 1263875 \times 5783621 = 1387625 \times 5267831 \\
\diamond 1238796 \times 6978321 = 2167893 \times 3987612 & \diamond 1271397 \times 7931721 = 1397127 \times 7217931 \\
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\diamond 1241364 \times 4631421 = 1364124 \times 4214631 & \diamond 1301573 \times 3751031 = 1573013 \times 3103751 \\
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\diamond 2348576 \times 6758432 = 3267584 \times 4857623 & \diamond 2403516 \times 6153042 = 3516024 \times 4206153 \\
\diamond 2349366 \times 6639432 = 3369264 \times 4629633 & \diamond 2403616 \times 6163042 = 3216064 \times 4606123 \\
\diamond 2349468 \times 8649432 = 4389264 \times 4629834 & \diamond 2403624 \times 4263042 = 2436024 \times 4206342 \\
\diamond 2352585 \times 5852532 = 2585235 \times 5325852 & \diamond 2403636 \times 6363042 = 3636024 \times 4206363 \\
\diamond 2353746 \times 6473532 = 3573624 \times 4263753 & \diamond 2403648 \times 8463042 = 4206384 \times 4836024 \\
\diamond 2354428 \times 8244532 = 4282354 \times 4532824 & \diamond 2403756 \times 6573042 = 3756024 \times 4206573 \\
\diamond 2354464 \times 4644532 = 2465344 \times 4435642 & \diamond 2403876 \times 6783042 = 3876024 \times 4206783 \\
\diamond 2354966 \times 6694532 = 3695624 \times 4265963 & \diamond 2403996 \times 6993042 = 3996024 \times 4206993 \\
\diamond 2355863 \times 3685532 = 2586533 \times 3356852 & \diamond 2404608 \times 8064042 = 4208064 \times 4608024 \\
\diamond 2357463 \times 3647532 = 2546733 \times 3376452 & \diamond 2404728 \times 8274042 = 4208274 \times 4728024 \\
\diamond 2357496 \times 6947532 = 2579436 \times 6349752 & \diamond 2404824 \times 4284042 = 2448024 \times 4208442 \\
\diamond 2358663 \times 3668532 = 2568633 \times 3368652 & \diamond 2404836 \times 6384042 = 3648024 \times 4208463 \\
\diamond 2358846 \times 6488532 = 3568824 \times 4288653 & \diamond 2404848 \times 8484042 = 4208484 \times 4848024 \\
\diamond 2359674 \times 4769532 = 2569734 \times 4379652 & \diamond 2404968 \times 8694042 = 4208694 \times 4968024 \\
\diamond 2361846 \times 6481632 = 2483616 \times 6163842 & \diamond 2408684 \times 4868042 = 2884604 \times 4064882 \\
\diamond 2362596 \times 6952632 = 2596236 \times 6326952 & \diamond 2411765 \times 5671142 = 2674115 \times 5114762 \\
\diamond 2364848 \times 8484632 = 4283864 \times 4683824 & \diamond 2412036 \times 6302142 = 3601224 \times 4221063 \\
\diamond 2365974 \times 4795632 = 2597634 \times 4367952 & \diamond 2412048 \times 8402142 = 4221084 \times 4801224 \\
\diamond 2365982 \times 2895632 = 2538962 \times 2698352 & \diamond 2412264 \times 4622142 = 2641224 \times 4221462 \\
\diamond 2368746 \times 6478632 = 3287664 \times 4667823 & \diamond 2412396 \times 6932142 = 3961224 \times 4221693 \\
\diamond 2369046 \times 6409632 = 3296064 \times 4606923 & \diamond 2413236 \times 6323142 = 3613224 \times 4223163 \\
\diamond 2369069 \times 9609632 = 3296096 \times 6906923 & \diamond 2413248 \times 8423142 = 4223184 \times 4813224 \\
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\diamond 2369309 \times 9039632 = 3093296 \times 6923903 & \diamond 2415024 \times 4205142 = 2512404 \times 4042152 \\
\diamond 2375486 \times 6845732 = 2487356 \times 6537842 & \diamond 2417256 \times 6527142 = 2514726 \times 6274152 \\
\diamond 2378946 \times 6498732 = 3297864 \times 4687923 & \diamond 2420866 \times 6680242 = 2684206 \times 6024862 \\
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\diamond 2424048 \times 8404242 = 4242084 \times 4802424 & \diamond 2448396 \times 6938442 = 3964824 \times 4284693 \\
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\diamond 2424396 \times 6934242 = 3962424 \times 4242693 & \diamond 2449368 \times 8639442 = 4286394 \times 4936824 \\
\diamond 2425344 \times 4435242 = 2534424 \times 4244352 & \diamond 2452695 \times 5962542 = 2695245 \times 5425962 \\
\diamond 2425464 \times 4645242 = 2654424 \times 4244562 & \diamond 2453136 \times 6313542 = 3351264 \times 4621533 \\
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\diamond 2426544 \times 4456242 = 2546424 \times 4246452 & \diamond 2454368 \times 8634542 = 4583264 \times 4623854 \\
\diamond 2426664 \times 4666242 = 2666424 \times 4246662 & \diamond 2455376 \times 6735542 = 3575264 \times 4625753 \\
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\diamond 2430486 \times 6840342 = 3420684 \times 4860243 & \diamond 2458736 \times 6378542 = 3657824 \times 4287563 \\
\diamond 2432673 \times 3762342 = 2673243 \times 3423762 & \diamond 2460369 \times 9630642 = 3690246 \times 6420963 \\
\diamond 2435196 \times 6915342 = 3951624 \times 4261593 & \diamond 2463546 \times 6453642 = 3562644 \times 4462653 \\
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\diamond 2436396 \times 6936342 = 3963624 \times 4263693 & \diamond 2467584 \times 4857642 = 2578464 \times 4648752 \\
\diamond 2436406 \times 6046342 = 3624604 \times 4064263 & \diamond 2469873 \times 3789642 = 2689743 \times 3479862 \\
\diamond 2436609 \times 9066342 = 3624906 \times 6094263 & \diamond 2473516 \times 6153742 = 3571624 \times 4261753 \\
\diamond 2437356 \times 6537342 = 3735624 \times 4265373 & \diamond 2474648 \times 8464742 = 4482764 \times 4672844 \\
\diamond 2437596 \times 6957342 = 3975624 \times 4265793 & \diamond 2484608 \times 8064842 = 4280864 \times 4680824 \\
\diamond 2438676 \times 6768342 = 3867624 \times 4267683 & \diamond 2486339 \times 9336842 = 3392486 \times 6842933 \\
\diamond 2438796 \times 6978342 = 3987624 \times 4267893 & \diamond 2500275 \times 5720052 = 2750025 \times 5200572 \\
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\diamond 2439648 \times 8469342 = 4269384 \times 4839624 & \diamond 2502775 \times 5772052 = 2775025 \times 5205772 \\
\diamond 2439756 \times 6579342 = 3759624 \times 4269573 & \diamond 2511876 \times 6781152 = 2785116 \times 6115872 \\
\diamond 2439876 \times 6789342 = 3879624 \times 4269783 & \diamond 2516346 \times 6436152 = 2635416 \times 6145362 \\
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\diamond 2442684 \times 4862442 = 2684244 \times 4424862 & \diamond 2524306 \times 6034252 = 3605224 \times 4225063 \\
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\diamond 2448306 \times 6038442 = 3064284 \times 4824603 & \diamond 2530069 \times 9600352 = 3520096 \times 6900253
\end{array}$$

- $\diamond 2532346 \times 6432352 = 3523264 \times 4623253$
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$$\begin{array}{ll}
\diamond 2630436 \times 6340362 = 3623064 \times 4603263 & \diamond 2667864 \times 4687662 = 2678664 \times 4668762 \\
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\diamond 2630664 \times 4660362 = 2663064 \times 4603662 & \diamond 2673486 \times 6843762 = 3762684 \times 4862673 \\
\diamond 2630784 \times 4870362 = 2783064 \times 4603872 & \diamond 2675184 \times 4815762 = 2751864 \times 4681572 \\
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\diamond 2640396 \times 6930462 = 3960264 \times 4620693 & \diamond 2684488 \times 8844862 = 4862884 \times 4882684 \\
\diamond 2641236 \times 6321462 = 3612264 \times 4622163 & \diamond 2699583 \times 3859962 = 2896953 \times 3596982 \\
\diamond 2641248 \times 8421462 = 4622184 \times 4812264 & \diamond 2700297 \times 7920072 = 2970027 \times 7200792 \\
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\diamond 2643636 \times 6363462 = 3636264 \times 4626363 & \diamond 2727297 \times 7927272 = 2972727 \times 7272792 \\
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\diamond 2643876 \times 6783462 = 3876264 \times 4626783 & \diamond 2731586 \times 6851372 = 2873156 \times 6513782 \\
\diamond 2643996 \times 6993462 = 3996264 \times 4626993 & \diamond 2739896 \times 6989372 = 2997836 \times 6387992 \\
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\diamond 2644728 \times 8274462 = 4628274 \times 4728264 & \diamond 2745639 \times 9365472 = 3927456 \times 6547293 \\
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\diamond 2644848 \times 8484462 = 4628484 \times 4848264 & \diamond 2745886 \times 6885472 = 2887456 \times 6547882 \\
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\diamond 2654436 \times 6344562 = 3625464 \times 4645263 & \diamond 2752775 \times 5772572 = 2775275 \times 5725772 \\
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\diamond 2802828 \times 8282082 = 2828028 \times 8208282 & \diamond 3063693 \times 3963603 = 3309663 \times 3669033 \\
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\diamond 2862886 \times 6882682 = 2886286 \times 6826882 & \diamond 3072546 \times 6452703 = 3274506 \times 6054723 \\
\diamond 2863809 \times 9083682 = 3809286 \times 6829083 & \diamond 3073377 \times 7733703 = 3377307 \times 7037733 \\
\diamond 2863939 \times 9393682 = 3939286 \times 6829393 & \diamond 3073566 \times 6653703 = 3376506 \times 6056733 \\
\diamond 2875639 \times 9365782 = 3927586 \times 6857293 & \diamond 3073744 \times 4473703 = 3374704 \times 4074733 \\
\diamond 2875886 \times 6885782 = 2887586 \times 6857882 & \diamond 3074586 \times 6854703 = 3478506 \times 6058743 \\
\diamond 2876196 \times 6916782 = 2981766 \times 6671892 & \diamond 3076784 \times 4876703 = 3678704 \times 4078763 \\
\diamond 2886039 \times 9306882 = 3902886 \times 6882093 & \diamond 3076848 \times 8486703 = 4087836 \times 6387804 \\
\diamond 2888639 \times 9368882 = 3928886 \times 6888293 & \diamond 3081039 \times 9301803 = 3183009 \times 9003813 \\
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\diamond 2956968 \times 8696592 = 2969568 \times 8659692 & \diamond 3082746 \times 6472803 = 3284706 \times 6074823 \\
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\diamond 3019026 \times 6209103 = 3109206 \times 6029013 & \diamond 3083388 \times 8833803 = 3388308 \times 8038833 \\
\diamond 3029046 \times 6409203 = 3209406 \times 6049023 & \diamond 3083766 \times 6673803 = 3386706 \times 6076833 \\
\diamond 3037044 \times 4407303 = 3307404 \times 4047033 & \diamond 3083855 \times 5583803 = 3385805 \times 5085833 \\
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\diamond 3039066 \times 6609303 = 3309606 \times 6069033 & \diamond 3091339 \times 9331903 = 3193309 \times 9033913 \\
\diamond 3040608 \times 8060403 = 4030806 \times 6080304 & \diamond 3091926 \times 6291903 = 3192906 \times 6092913 \\
\diamond 3043344 \times 4433403 = 3344304 \times 4034433 & \diamond 3092369 \times 9632903 = 3296309 \times 9036923 \\
\diamond 3043648 \times 8463403 = 4034836 \times 6384304 & \diamond 3092946 \times 6492903 = 3294906 \times 6094923 \\
\diamond 3046384 \times 4836403 = 3648304 \times 4038463 & \diamond 3093399 \times 9933903 = 3399309 \times 9039933 \\
\diamond 3046688 \times 8866403 = 4038866 \times 6688304 & \diamond 3093966 \times 6693903 = 3396906 \times 6096933 \\
\diamond 3049086 \times 6809403 = 3409806 \times 6089043 & \diamond 3094986 \times 6894903 = 3498906 \times 6098943 \\
\diamond 3051126 \times 6211503 = 3152106 \times 6012513 & \diamond 3103044 \times 4403013 = 3413004 \times 4003143
\end{array}$$

$$\begin{array}{ll}
\diamond 3129246 \times 6429213 = 3219426 \times 6249123 & \diamond 3312764 \times 4672133 = 3673124 \times 4213763 \\
\diamond 3130744 \times 4470313 = 3471304 \times 4031743 & \diamond 3321865 \times 5681233 = 3683215 \times 5123863 \\
\diamond 3139266 \times 6629313 = 3319626 \times 6269133 & \diamond 3330966 \times 6690333 = 3693306 \times 6033963 \\
\diamond 3140628 \times 8260413 = 4130826 \times 6280314 & \diamond 3336096 \times 6906333 = 3603936 \times 6393063 \\
\diamond 3143454 \times 4543413 = 3454314 \times 4134543 & \diamond 3340668 \times 8660433 = 4330866 \times 6680334 \\
\diamond 3148254 \times 4528413 = 3428514 \times 4158243 & \diamond 3343674 \times 4763433 = 3674334 \times 4334763 \\
\diamond 3149265 \times 5629413 = 3429615 \times 5169243 & \diamond 3344608 \times 8064433 = 4433806 \times 6083344 \\
\diamond 3149286 \times 6829413 = 3419826 \times 6289143 & \diamond 3346185 \times 5816433 = 3614835 \times 5384163 \\
\diamond 3153465 \times 5643513 = 3465315 \times 5135643 & \diamond 3347648 \times 8467433 = 4437836 \times 6387344 \\
\diamond 3162408 \times 8042613 = 4081326 \times 6231804 & \diamond 3349686 \times 6869433 = 3439866 \times 6689343 \\
\diamond 3163428 \times 8243613 = 4183326 \times 6233814 & \diamond 3351376 \times 6731533 = 3573136 \times 6313753 \\
\diamond 3163476 \times 6743613 = 3476316 \times 6136743 & \diamond 3353685 \times 5863533 = 3685335 \times 5335863 \\
\diamond 3164583 \times 3854613 = 3418653 \times 3568143 & \diamond 3356274 \times 4726533 = 3625734 \times 4375263 \\
\diamond 3173487 \times 7843713 = 3487317 \times 7137843 & \diamond 3360448 \times 8440633 = 4480336 \times 6330844 \\
\diamond 3174854 \times 4584713 = 3485714 \times 4175843 & \diamond 3363696 \times 6963633 = 3696336 \times 6336963 \\
\diamond 3177994 \times 4997713 = 3799714 \times 4179973 & \diamond 3366408 \times 8046633 = 4083366 \times 6633804 \\
\diamond 3179394 \times 4939713 = 3739914 \times 4199373 & \diamond 3367484 \times 4847633 = 3637844 \times 4487363 \\
\diamond 3183498 \times 8943813 = 3498318 \times 8138943 & \diamond 3369468 \times 8649633 = 4389366 \times 6639834 \\
\diamond 3184965 \times 5694813 = 3496815 \times 5186943 & \diamond 3400068 \times 8600043 = 4300086 \times 6800034 \\
\diamond 3202154 \times 4512023 = 3522014 \times 4102253 & \diamond 3400374 \times 4730043 = 3740034 \times 4300473 \\
\diamond 3203055 \times 5503023 = 3523005 \times 5003253 & \diamond 3401275 \times 5721043 = 3741025 \times 5201473 \\
\diamond 3221754 \times 4571223 = 3572214 \times 4122753 & \diamond 3402176 \times 6712043 = 3742016 \times 6102473 \\
\diamond 3228136 \times 6318223 = 3328216 \times 6128233 & \diamond 3403077 \times 7703043 = 3743007 \times 7003473 \\
\diamond 3230855 \times 5580323 = 3582305 \times 5032853 & \diamond 3403434 \times 4343043 = 3434034 \times 4304343 \\
\diamond 3239466 \times 6649323 = 3329646 \times 6469233 & \diamond 3403468 \times 8643043 = 4304386 \times 6834034 \\
\diamond 3240648 \times 8460423 = 4230846 \times 6480324 & \diamond 3403774 \times 4773043 = 3774034 \times 4304773 \\
\diamond 3243564 \times 4653423 = 3564324 \times 4234653 & \diamond 3406528 \times 8256043 = 4308256 \times 6528034 \\
\diamond 3249486 \times 6849423 = 3429846 \times 6489243 & \diamond 3406834 \times 4386043 = 3468034 \times 4308643 \\
\diamond 3251696 \times 6961523 = 3695216 \times 6125963 & \diamond 3406868 \times 8686043 = 4308686 \times 6868034 \\
\diamond 3253575 \times 5753523 = 3575325 \times 5235753 & \diamond 3412875 \times 5782143 = 3784125 \times 5214873 \\
\diamond 3259464 \times 4649523 = 3549624 \times 4269453 & \diamond 3421976 \times 6791243 = 3794216 \times 6124973 \\
\diamond 3263586 \times 6853623 = 3586326 \times 6236853 & \diamond 3425266 \times 6625243 = 3645226 \times 6225463 \\
\diamond 3264408 \times 8044623 = 4082346 \times 6432804 & \diamond 3428069 \times 9608243 = 3648209 \times 9028463 \\
\diamond 3265473 \times 3745623 = 3467253 \times 3527643 & \diamond 3434068 \times 8604343 = 4343086 \times 6803434 \\
\diamond 3266448 \times 8446623 = 4286346 \times 6436824 & \diamond 3434374 \times 4734343 = 3743434 \times 4343473 \\
\diamond 3273597 \times 7953723 = 3597327 \times 7237953 & \diamond 3437468 \times 8647343 = 4347386 \times 6837434 \\
\diamond 3275964 \times 4695723 = 3596724 \times 4276953 & \diamond 3437774 \times 4777343 = 3777434 \times 4347773 \\
\diamond 3281936 \times 6391823 = 3392816 \times 6182933 & \diamond 3440688 \times 8860443 = 4430886 \times 6880344 \\
\diamond 3301264 \times 4621033 = 3631024 \times 4201363 & \diamond 3443784 \times 4873443 = 3784344 \times 4434873 \\
\diamond 3302165 \times 5612033 = 3632015 \times 5102363 & \diamond 3452966 \times 6692543 = 3694526 \times 6254963 \\
\diamond 3303066 \times 6603033 = 3633006 \times 6003363 & \diamond 3453795 \times 5973543 = 3795345 \times 5435973
\end{array}$$

$$\begin{aligned}
&\diamond 3454628 \times 8264543 = 4543826 \times 6283454 & \diamond 3601297 \times 7921063 = 3961027 \times 7201693 \\
&\diamond 3468068 \times 8608643 = 4386086 \times 6806834 & \diamond 3602198 \times 8912063 = 3962018 \times 8102693 \\
&\diamond 3468374 \times 4738643 = 3746834 \times 4386473 & \diamond 3602436 \times 6342063 = 3624036 \times 6304263 \\
&\diamond 3468408 \times 8048643 = 4084386 \times 6834804 & \diamond 3602448 \times 8442063 = 4824036 \times 6304284 \\
&\diamond 3475696 \times 6965743 = 3697456 \times 6547963 & \diamond 3603099 \times 9903063 = 3963009 \times 9003693 \\
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&\diamond 3500385 \times 5830053 = 3850035 \times 5300583 & \diamond 3603648 \times 8463063 = 4836036 \times 6306384 \\
&\diamond 3501286 \times 6821053 = 3851026 \times 6201583 & \diamond 3603756 \times 6573063 = 3756036 \times 6306573 \\
&\diamond 3502187 \times 7812053 = 3852017 \times 7102583 & \diamond 3603876 \times 6783063 = 3876036 \times 6306783 \\
&\diamond 3503088 \times 8803053 = 3853008 \times 8003583 & \diamond 3603996 \times 6993063 = 3996036 \times 6306993 \\
&\diamond 3503196 \times 6913053 = 3950316 \times 6130593 & \diamond 3604608 \times 8064063 = 4608036 \times 6308064 \\
&\diamond 3503535 \times 5353053 = 3535035 \times 5305353 & \diamond 3604728 \times 8274063 = 4728036 \times 6308274 \\
&\diamond 3503885 \times 5883053 = 3885035 \times 5305883 & \diamond 3604836 \times 6384063 = 3648036 \times 6308463 \\
&\diamond 3512986 \times 6892153 = 3895126 \times 6215983 & \diamond 3604848 \times 8484063 = 4848036 \times 6308484 \\
&\diamond 3515196 \times 6915153 = 3951516 \times 6151593 & \diamond 3604928 \times 8294063 = 4328096 \times 6908234 \\
&\diamond 3516036 \times 6306153 = 3603516 \times 6153063 & \diamond 3604968 \times 8694063 = 4968036 \times 6308694 \\
&\diamond 3516048 \times 8406153 = 4803516 \times 6153084 & \diamond 3612048 \times 8402163 = 4801236 \times 6321084 \\
&\diamond 3516396 \times 6936153 = 3963516 \times 6153693 & \diamond 3612396 \times 6932163 = 3961236 \times 6321693 \\
&\diamond 3517356 \times 6537153 = 3735516 \times 6155373 & \diamond 3613248 \times 8423163 = 4813236 \times 6323184 \\
&\diamond 3517596 \times 6957153 = 3975516 \times 6155793 & \diamond 3624048 \times 8404263 = 4802436 \times 6342084 \\
&\diamond 3518676 \times 6768153 = 3867516 \times 6157683 & \diamond 3624396 \times 6934263 = 3962436 \times 6342693 \\
&\diamond 3518796 \times 6978153 = 3987516 \times 6157893 & \diamond 3626448 \times 8446263 = 4826436 \times 6346284 \\
&\diamond 3519636 \times 6369153 = 3639516 \times 6159363 & \diamond 3635196 \times 6915363 = 3951636 \times 6361593 \\
&\diamond 3519648 \times 8469153 = 4839516 \times 6159384 & \diamond 3636048 \times 8406363 = 4803636 \times 6363084 \\
&\diamond 3519756 \times 6579153 = 3759516 \times 6159573 & \diamond 3636396 \times 6936363 = 3963636 \times 6363693 \\
&\diamond 3519876 \times 6789153 = 3879516 \times 6159783 & \diamond 3637356 \times 6537363 = 3735636 \times 6365373 \\
&\diamond 3519996 \times 6999153 = 3999516 \times 6159993 & \diamond 3637596 \times 6957363 = 3975636 \times 6365793 \\
&\diamond 3527196 \times 6917253 = 3952716 \times 6172593 & \diamond 3638676 \times 6768363 = 3867636 \times 6367683 \\
&\diamond 3535385 \times 5835353 = 3853535 \times 5353583 & \diamond 3638796 \times 6978363 = 3987636 \times 6367893 \\
&\diamond 3538885 \times 5888353 = 3888535 \times 5358883 & \diamond 3639648 \times 8469363 = 4839636 \times 6369384 \\
&\diamond 3539196 \times 6919353 = 3953916 \times 6193593 & \diamond 3639756 \times 6579363 = 3759636 \times 6369573 \\
&\diamond 3543894 \times 4983453 = 3894354 \times 4534983 & \diamond 3639876 \times 6789363 = 3879636 \times 6369783 \\
&\diamond 3547466 \times 6647453 = 3657446 \times 6447563 & \diamond 3639996 \times 6999363 = 3999636 \times 6369993 \\
&\diamond 3564648 \times 8464653 = 4653846 \times 6483564 & \diamond 3648048 \times 8408463 = 4804836 \times 6384084 \\
&\diamond 3574368 \times 8634753 = 4583376 \times 6733854 & \diamond 3648396 \times 6938463 = 3964836 \times 6384693 \\
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&\diamond 3587696 \times 6967853 = 3698576 \times 6758963 & \diamond 3649368 \times 8639463 = 4936836 \times 6386394 \\
&\diamond 3600048 \times 8400063 = 4800036 \times 6300084 & \diamond 3660488 \times 8840663 = 4880366 \times 6630884 \\
&\diamond 3600396 \times 6930063 = 3960036 \times 6300693 & \diamond 3674668 \times 8664763 = 4763866 \times 6683674 \\
&\diamond 3601236 \times 6321063 = 3612036 \times 6302163 & \diamond 3696448 \times 8446963 = 4483696 \times 6963844 \\
&\diamond 3601248 \times 8421063 = 4812036 \times 6302184 & \diamond 3703737 \times 7373073 = 3737037 \times 7307373
\end{aligned}$$

$\diamond 3721356 \times 6531273 = 3732156 \times 6512373$
 $\diamond 3721596 \times 6951273 = 3972156 \times 6512793$
 $\diamond 3726408 \times 8046273 = 4807326 \times 6237084$
 $\diamond 3733596 \times 6953373 = 3973356 \times 6533793$
 $\diamond 3734556 \times 6554373 = 3745356 \times 6535473$
 $\diamond 3735648 \times 8465373 = 4837356 \times 6537384$
 $\diamond 3735756 \times 6575373 = 3757356 \times 6537573$
 $\diamond 3735876 \times 6785373 = 3877356 \times 6537783$
 $\diamond 3735996 \times 6995373 = 3997356 \times 6537993$
 $\diamond 3736399 \times 9936373 = 3976339 \times 9336793$
 $\diamond 3736956 \times 6596373 = 3769356 \times 6539673$
 $\diamond 3740068 \times 8600473 = 4730086 \times 6800374$
 $\diamond 3743468 \times 8643473 = 4734386 \times 6834374$
 $\diamond 3743774 \times 4773473 = 3774374 \times 4734773$
 $\diamond 3745596 \times 6955473 = 3974556 \times 6554793$
 $\diamond 3746528 \times 8256473 = 4738256 \times 6528374$
 $\diamond 3746868 \times 8686473 = 4738686 \times 6868374$
 $\diamond 3755196 \times 6915573 = 3951756 \times 6571593$
 $\diamond 3756048 \times 8406573 = 4803756 \times 6573084$
 $\diamond 3756396 \times 6936573 = 3963756 \times 6573693$
 $\diamond 3756428 \times 8246573 = 4537286 \times 6827354$
 $\diamond 3757596 \times 6957573 = 3975756 \times 6575793$
 $\diamond 3758676 \times 6768573 = 3867756 \times 6577683$
 $\diamond 3758796 \times 6978573 = 3987756 \times 6577893$
 $\diamond 3759648 \times 8469573 = 4839756 \times 6579384$
 $\diamond 3759876 \times 6789573 = 3879756 \times 6579783$
 $\diamond 3759996 \times 6999573 = 3999756 \times 6579993$
 $\diamond 3769596 \times 6959673 = 3976956 \times 6596793$
 $\diamond 3774068 \times 8604773 = 4773086 \times 6803774$
 $\diamond 3777468 \times 8647773 = 4777386 \times 6837774$
 $\diamond 3784688 \times 8864873 = 4873886 \times 6883784$
 $\diamond 3794688 \times 8864973 = 4893786 \times 6873984$
 $\diamond 3803838 \times 8383083 = 3838038 \times 8308383$
 $\diamond 3809039 \times 9309083 = 3903809 \times 9083093$
 $\diamond 3830676 \times 6760383 = 3863076 \times 6703683$
 $\diamond 3830796 \times 6970383 = 3983076 \times 6703893$
 $\diamond 3842676 \times 6762483 = 3864276 \times 6724683$
 $\diamond 3842796 \times 6972483 = 3984276 \times 6724893$
 $\diamond 3853885 \times 5883583 = 3885385 \times 5835883$
 $\diamond 3854676 \times 6764583 = 3865476 \times 6745683$
 $\diamond 3854796 \times 6974583 = 3985476 \times 6745893$

$\diamond 3866796 \times 6976683 = 3986676 \times 6766893$
 $\diamond 3867648 \times 8467683 = 4838676 \times 6768384$
 $\diamond 3867876 \times 6787683 = 3878676 \times 6768783$
 $\diamond 3867996 \times 6997683 = 3998676 \times 6768993$
 $\diamond 3869699 \times 9969683 = 3989669 \times 9669893$
 $\diamond 3875196 \times 6915783 = 3951876 \times 6781593$
 $\diamond 3876048 \times 8406783 = 4803876 \times 6783084$
 $\diamond 3876396 \times 6936783 = 3963876 \times 6783693$
 $\diamond 3877596 \times 6957783 = 3975876 \times 6785793$
 $\diamond 3878796 \times 6978783 = 3987876 \times 6787893$
 $\diamond 3879648 \times 8469783 = 4839876 \times 6789384$
 $\diamond 3879996 \times 6999783 = 3999876 \times 6789993$
 $\diamond 3901339 \times 9331093 = 3913039 \times 9303193$
 $\diamond 3902639 \times 9362093 = 3926039 \times 9306293$
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 $\diamond 3951648 \times 8461593 = 4835196 \times 6915384$
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 $\diamond 3963996 \times 6993693 = 3996396 \times 6936993$
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 $\diamond 3964728 \times 8274693 = 4728396 \times 6938274$
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 $\diamond 3975648 \times 8465793 = 4837596 \times 6957384$
 $\diamond 3975996 \times 6995793 = 3997596 \times 6957993$
 $\diamond 3987648 \times 8467893 = 4838796 \times 6978384$
 $\diamond 3987996 \times 6997893 = 3998796 \times 6978993$
 $\diamond 3996048 \times 8406993 = 4803996 \times 6993084$
 $\diamond 3999648 \times 8469993 = 4839996 \times 6999384$
 $\diamond 4042136 \times 6312404 = 4243106 \times 6013424$
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 $\diamond 4049055 \times 5509404 = 4409505 \times 5059044$
 $\diamond 4054455 \times 5544504 = 4455405 \times 5045544$
 $\diamond 4060609 \times 9060604 = 6040906 \times 6090406$
 $\diamond 4061028 \times 8201604 = 4162008 \times 8002614$
 $\diamond 4062048 \times 8402604 = 4264008 \times 8004624$
 $\diamond 4062436 \times 6342604 = 4263406 \times 6043624$

- ◇ 4062639 × 9362604 = 6043926 × 6293406
 ◇ 4063068 × 8603604 = 4366008 × 8006634
 ◇ 4064088 × 8804604 = 4468008 × 8008644
 ◇ 4064466 × 6644604 = 4466406 × 6046644
 ◇ 4064669 × 9664604 = 6046946 × 6496406
 ◇ 4066496 × 6946604 = 4669406 × 6049664
 ◇ 4066699 × 9966604 = 6049966 × 6699406
 ◇ 4071228 × 8221704 = 4172208 × 8022714
 ◇ 4072248 × 8422704 = 4274208 × 8024724
 ◇ 4073268 × 8623704 = 4376208 × 8026734
 ◇ 4074288 × 8824704 = 4478208 × 8028744
 ◇ 4074477 × 7744704 = 4477407 × 7047744
 ◇ 4081428 × 8241804 = 4182408 × 8042814
 ◇ 4082448 × 8442804 = 4284408 × 8044824
 ◇ 4082736 × 6372804 = 4283706 × 6073824
 ◇ 4083468 × 8643804 = 4386408 × 8046834
 ◇ 4084488 × 8844804 = 4488408 × 8048844
 ◇ 4084766 × 6674804 = 4486706 × 6076844
 ◇ 4086796 × 6976804 = 4689706 × 6079864
 ◇ 4091628 × 8261904 = 4192608 × 8062914
 ◇ 4092648 × 8462904 = 4294608 × 8064924
 ◇ 4093668 × 8663904 = 4396608 × 8066934
 ◇ 4094499 × 9944904 = 4499409 × 9049944
 ◇ 4094688 × 8864904 = 4498608 × 8068944
 ◇ 4094955 × 5594904 = 4495905 × 5095944
 ◇ 4104055 × 5504014 = 4514005 × 5004154
 ◇ 4140955 × 5590414 = 4591405 × 5041954
 ◇ 4154565 × 5654514 = 4565415 × 5145654
 ◇ 4164576 × 6754614 = 4576416 × 6146754
 ◇ 4174587 × 7854714 = 4587417 × 7147854
 ◇ 4184598 × 8954814 = 4598418 × 8148954
 ◇ 4203165 × 5613024 = 4623015 × 5103264
 ◇ 4204066 × 6604024 = 4624006 × 6004264
 ◇ 4228146 × 6418224 = 4428216 × 6128244
 ◇ 4231965 × 5691324 = 4692315 × 5132964
 ◇ 4241256 × 6521424 = 4452126 × 6212544
 ◇ 4254675 × 5764524 = 4675425 × 5245764
 ◇ 4260639 × 9360624 = 6240936 × 6390426
 ◇ 4263609 × 9063624 = 6092436 × 6342906
 ◇ 4264686 × 6864624 = 4686426 × 6246864
 ◇ 4265639 × 9365624 = 6295436 × 6345926
 ◇ 4274697 × 7964724 = 4697427 × 7247964
 ◇ 4302275 × 5722034 = 4732025 × 5202374
 ◇ 4303176 × 6713034 = 4733016 × 6103374
 ◇ 4304077 × 7704034 = 4734007 × 7004374
 ◇ 4322975 × 5792234 = 4793225 × 5223974
 ◇ 4354785 × 5874534 = 4785435 × 5345874
 ◇ 4364796 × 6974634 = 4796436 × 6346974
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 ◇ 4401385 × 5831044 = 4841035 × 5301484
 ◇ 4402286 × 6822044 = 4842026 × 6202484
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 ◇ 4404088 × 8804044 = 4844008 × 8004484
 ◇ 4413985 × 5893144 = 4894135 × 5314984
 ◇ 4416046 × 6406144 = 4604416 × 6144064
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 ◇ 4426056 × 6506244 = 4604526 × 6254064
 ◇ 4437366 × 6637344 = 4647336 × 6337464
 ◇ 4439268 × 8629344 = 4649328 × 8239464
 ◇ 4454895 × 5984544 = 4895445 × 5445984
 ◇ 4460288 × 8820644 = 4682048 × 8402864
 ◇ 4460669 × 9660644 = 6440966 × 6690446
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 ◇ 4545495 × 5945454 = 4954545 × 5454594
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 ◇ 4600069 × 9600064 = 6400096 × 6900046
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 ◇ 4604876 × 6784064 = 4876046 × 6406784
 ◇ 4606509 × 9056064 = 6409056 × 6509046

$$\begin{aligned}
&\diamond 4606739 \times 9376064 = 6409376 \times 6739046 && \diamond 5175687 \times 7865715 = 5687517 \times 7157865 \\
&\diamond 4606946 \times 6496064 = 4669046 \times 6409664 && \diamond 5185698 \times 8965815 = 5698518 \times 8158965 \\
&\diamond 4606969 \times 9696064 = 6409696 \times 6969046 && \diamond 5204176 \times 6714025 = 5724016 \times 6104275 \\
&\diamond 4608048 \times 8408064 = 4804608 \times 8064084 && \diamond 5205077 \times 7705025 = 5725007 \times 7005275 \\
&\diamond 4609368 \times 8639064 = 4936608 \times 8066394 && \diamond 5265786 \times 6875625 = 5786526 \times 6256875 \\
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&\diamond 4625369 \times 9635264 = 6435296 \times 6925346 && \diamond 5303286 \times 6823035 = 5833026 \times 6203385 \\
&\diamond 4646069 \times 9606464 = 6464096 \times 6904646 && \diamond 5304187 \times 7814035 = 5834017 \times 7104385 \\
&\diamond 4646586 \times 6856464 = 4866456 \times 6546684 && \diamond 5305088 \times 8805035 = 5835008 \times 8005385 \\
&\diamond 4648488 \times 8848464 = 4868448 \times 8448684 && \diamond 5365896 \times 6985635 = 5896536 \times 6356985 \\
&\diamond 4648576 \times 6758464 = 4857646 \times 6467584 && \diamond 5402396 \times 6932045 = 5942036 \times 6302495 \\
&\diamond 4660699 \times 9960664 = 6640996 \times 6990466 && \diamond 5403297 \times 7923045 = 5943027 \times 7203495 \\
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&\diamond 4669609 \times 9069664 = 6096496 \times 6946906 && \diamond 5405099 \times 9905045 = 5945009 \times 9005495 \\
&\diamond 4685769 \times 9675864 = 6594786 \times 6874956 && \diamond 5605656 \times 6565065 = 5656056 \times 6506565 \\
&\diamond 4686639 \times 9366864 = 6394686 \times 6864936 && \diamond 5705757 \times 7575075 = 5757057 \times 7507575 \\
&\diamond 4704747 \times 7474074 = 4747047 \times 7407474 && \diamond 5805858 \times 8585085 = 5858058 \times 8508585 \\
&\diamond 4728048 \times 8408274 = 4804728 \times 8274084 && \diamond 5905959 \times 9595095 = 5959059 \times 9509595 \\
&\diamond 4729368 \times 8639274 = 4936728 \times 8276394 && \diamond 6052039 \times 9302506 = 6253009 \times 9003526 \\
&\diamond 4801248 \times 8421084 = 4812048 \times 8402184 && \diamond 6053248 \times 8423506 = 6354208 \times 8024536 \\
&\diamond 4802448 \times 8442084 = 4824048 \times 8404284 && \diamond 6054069 \times 9604506 = 6456009 \times 9006546 \\
&\diamond 4803648 \times 8463084 = 4836048 \times 8406384 && \diamond 6056099 \times 9906506 = 6659009 \times 9009566 \\
&\diamond 4804848 \times 8484084 = 4848048 \times 8408484 && \diamond 6056288 \times 8826506 = 6658208 \times 8028566 \\
&\diamond 4804968 \times 8694084 = 4968048 \times 8408694 && \diamond 6072339 \times 9332706 = 6273309 \times 9033726 \\
&\diamond 4832576 \times 6752384 = 4853276 \times 6723584 && \diamond 6074369 \times 9634706 = 6476309 \times 9036746 \\
&\diamond 4849368 \times 8639484 = 4936848 \times 8486394 && \diamond 6076399 \times 9936706 = 6679309 \times 9039766 \\
&\diamond 4857669 \times 9667584 = 6758496 \times 6948576 && \diamond 6076677 \times 7766706 = 6677607 \times 7067766 \\
&\diamond 4857876 \times 6787584 = 4878576 \times 6758784 && \diamond 6083648 \times 8463806 = 6384608 \times 8064836 \\
&\diamond 4876069 \times 9606784 = 6784096 \times 6904876 && \diamond 6086688 \times 8866806 = 6688608 \times 8068866 \\
&\diamond 4904949 \times 9494094 = 4949049 \times 9409494 && \diamond 6092639 \times 9362906 = 6293609 \times 9063926 \\
&\diamond 4921368 \times 8631294 = 4932168 \times 8612394 && \diamond 6094669 \times 9664906 = 6496609 \times 9066946 \\
&\diamond 4934568 \times 8654394 = 4945368 \times 8635494 && \diamond 6096699 \times 9966906 = 6699609 \times 9069966 \\
&\diamond 4935768 \times 8675394 = 4957368 \times 8637594 && \diamond 6106077 \times 7706016 = 6716007 \times 7006176 \\
&\diamond 4936968 \times 8696394 = 4969368 \times 8639694 && \diamond 6176787 \times 7876716 = 6787617 \times 7167876 \\
&\diamond 4954995 \times 5994594 = 4995495 \times 5945994 && \diamond 6186798 \times 8976816 = 6798618 \times 8168976 \\
&\diamond 5065566 \times 6655605 = 5566506 \times 6056655 && \diamond 6205187 \times 7815026 = 6825017 \times 7105286 \\
&\diamond 5075577 \times 7755705 = 5577507 \times 7057755 && \diamond 6206088 \times 8806026 = 6826008 \times 8006286 \\
&\diamond 5085588 \times 8855805 = 5588508 \times 8058855 && \diamond 6252368 \times 8632526 = 6563228 \times 8223656 \\
&\diamond 5095599 \times 9955905 = 5599509 \times 9059955 && \diamond 6276897 \times 7986726 = 6897627 \times 7267986 \\
&\diamond 5105066 \times 6605015 = 5615006 \times 6005165 && \diamond 6304297 \times 7924036 = 6934027 \times 7204396 \\
&\diamond 5165676 \times 6765615 = 5676516 \times 6156765 && \diamond 6305198 \times 8915036 = 6935018 \times 8105396
\end{aligned}$$

$$\begin{aligned}
\diamond 6306099 \times 9906036 &= 6936009 \times 9006396 \\
\diamond 6350169 \times 9610536 &= 6561039 \times 9301656 \\
\diamond 6373599 \times 9953736 &= 6795339 \times 9335976 \\
\diamond 6509069 \times 9609056 &= 6906509 \times 9056096 \\
\diamond 6528068 \times 8608256 &= 6806528 \times 8256086 \\
\diamond 6539399 \times 9939356 &= 6959339 \times 9339596 \\
\diamond 6706767 \times 7676076 &= 6767067 \times 7607676 \\
\diamond 6739069 \times 9609376 &= 6906739 \times 9376096 \\
\diamond 6803468 \times 8643086 &= 6834068 \times 8604386 \\
\diamond 6806868 \times 8686086 &= 6868068 \times 8608686 \\
\diamond 6902369 \times 9632096 &= 6923069 \times 9603296 \\
\diamond 6904669 \times 9664096 &= 6946069 \times 9606496
\end{aligned}$$

$$\begin{aligned}
\diamond 6906969 \times 9696096 &= 6969069 \times 9609696 \\
\diamond 7087788 \times 8877807 &= 7788708 \times 8078877 \\
\diamond 7097799 \times 9977907 &= 7799709 \times 9079977 \\
\diamond 7107088 \times 8807017 &= 7817008 \times 8007187 \\
\diamond 7187898 \times 8987817 &= 7898718 \times 8178987 \\
\diamond 7206198 \times 8916027 &= 7926018 \times 8106297 \\
\diamond 7207099 \times 9907027 &= 7927009 \times 9007297 \\
\diamond 7807878 \times 8787087 &= 7878078 \times 8708787 \\
\diamond 7907979 \times 9797097 &= 7979079 \times 9709797 \\
\diamond 8098899 \times 9988908 &= 8899809 \times 9089988 \\
\diamond 8108099 \times 9908018 &= 8918009 \times 9008198 \\
\diamond 8908989 \times 9898098 &= 8989089 \times 9809898
\end{aligned}$$

2.2 Palindromic-Type Non-Selfie Equalities

In the previous section, we wrote numbers in a palindromic multiplicative way, having same digits on both sides of the equalities. Here below are palindromic multiplicative numbers with different digits on both sides of the equalities. Due to high quantity, the numbers below are only up to 6-digits.

$$\begin{aligned}
\diamond 144 \times 441 &= 252 \times 252 & \diamond 4669 \times 9664 &= 6496 \times 6946 \\
\diamond 156 \times 651 &= 273 \times 372 & & \\
\diamond 168 \times 861 &= 294 \times 492 & & \\
\diamond 276 \times 672 &= 384 \times 483 & & \\
\diamond 1344 \times 4431 &= 2352 \times 2532 & & \\
\diamond 1356 \times 6531 &= 2373 \times 3732 & & \\
\diamond 1368 \times 8631 &= 2394 \times 4932 & & \\
\diamond 1456 \times 6541 &= 2743 \times 3472 & & \\
\diamond 1464 \times 4641 &= 2562 \times 2652 & & \\
\diamond 1476 \times 6741 &= 2583 \times 3852 & & \\
\diamond 1568 \times 8651 &= 2954 \times 4592 & & \\
\diamond 1584 \times 4851 &= 2772 \times 2772 & & \\
\diamond 1586 \times 6851 &= 2873 \times 3782 & & \\
\diamond 1596 \times 6951 &= 2793 \times 3972 & & \\
\diamond 2316 \times 6132 &= 3504 \times 4053 & & \\
\diamond 2328 \times 8232 &= 4074 \times 4704 & & \\
\diamond 2556 \times 6552 &= 3744 \times 4473 & & \\
\diamond 2568 \times 8652 &= 4494 \times 4944 & & \\
\diamond 2576 \times 6752 &= 3584 \times 4853 & & \\
\diamond 2676 \times 6762 &= 3864 \times 4683 & & \\
\diamond 2796 \times 6972 &= 3984 \times 4893 & & \\
\diamond 3528 \times 8253 &= 4716 \times 6174 & & \\
\diamond 3768 \times 8673 &= 4956 \times 6594 & & \\
\diamond 10404 \times 40401 &= 20502 \times 20502 & & \\
\diamond 10506 \times 60501 &= 20703 \times 30702 & & \\
\diamond 10608 \times 80601 &= 20904 \times 40902 & & \\
\diamond 11224 \times 42211 &= 20332 \times 23302 & & \\
\diamond 11346 \times 64311 &= 20553 \times 35502 & & \\
\diamond 11424 \times 42411 &= 21522 \times 22512 & & \\
\diamond 11468 \times 86411 &= 20774 \times 47702 & & \\
\diamond 11526 \times 62511 &= 22713 \times 31722 & & \\
\diamond 11536 \times 63511 &= 21733 \times 33712 & & \\
\diamond 11628 \times 82611 &= 22914 \times 41922 & & \\
\diamond 11648 \times 84611 &= 21944 \times 44912 & & \\
\diamond 12144 \times 44121 &= 21252 \times 25212 & & \\
\diamond 12156 \times 65121 &= 21273 \times 37212 & & \\
\diamond 12168 \times 86121 &= 21294 \times 49212 & & \\
\diamond 12236 \times 63221 &= 25403 \times 30452 & & \\
\diamond 12252 \times 25221 &= 14412 \times 21441 & & \\
\diamond 12276 \times 67221 &= 21483 \times 38412 & & \\
\diamond 12369 \times 96321 &= 30783 \times 38703 & & \\
\diamond 12372 \times 27321 &= 15612 \times 21651 & & \\
\diamond 12384 \times 48321 &= 21672 \times 27612 & & \\
\diamond 12444 \times 44421 &= 22542 \times 24522 & & \\
\diamond 12492 \times 29421 &= 16812 \times 21861 & &
\end{aligned}$$

$$\begin{array}{ll}
\diamond 12544 \times 44521 = 23632 \times 23632 & \diamond 14784 \times 48741 = 25872 \times 27852 \\
\diamond 12546 \times 64521 = 24723 \times 32742 & \diamond 14796 \times 69741 = 25893 \times 39852 \\
\diamond 12566 \times 66521 = 22763 \times 36722 & \diamond 14884 \times 48841 = 26962 \times 26962 \\
\diamond 12648 \times 84621 = 24924 \times 42942 & \diamond 15504 \times 40551 = 23172 \times 27132 \\
\diamond 12656 \times 65621 = 23843 \times 34832 & \diamond 15516 \times 61551 = 27153 \times 35172 \\
\diamond 12688 \times 88621 = 22984 \times 48922 & \diamond 15528 \times 82551 = 27174 \times 47172 \\
\diamond 13064 \times 46031 = 22172 \times 27122 & \diamond 15568 \times 86551 = 29554 \times 45592 \\
\diamond 13156 \times 65131 = 27313 \times 31372 & \diamond 15624 \times 42651 = 24372 \times 27342 \\
\diamond 13248 \times 84231 = 27504 \times 40572 & \diamond 15626 \times 62651 = 26273 \times 37262 \\
\diamond 13273 \times 37231 = 15613 \times 31651 & \diamond 15636 \times 63651 = 27363 \times 36372 \\
\diamond 13344 \times 44331 = 23352 \times 25332 & \diamond 15639 \times 93651 = 37293 \times 39273 \\
\diamond 13356 \times 65331 = 23373 \times 37332 & \diamond 15648 \times 84651 = 27384 \times 48372 \\
\diamond 13368 \times 86331 = 23394 \times 49332 & \diamond 15744 \times 44751 = 25572 \times 27552 \\
\diamond 13464 \times 46431 = 23562 \times 26532 & \diamond 15756 \times 65751 = 27573 \times 37572 \\
\diamond 13476 \times 67431 = 23583 \times 38532 & \diamond 15768 \times 86751 = 27594 \times 49572 \\
\diamond 13566 \times 66531 = 26733 \times 33762 & \diamond 15864 \times 46851 = 26772 \times 27762 \\
\diamond 13584 \times 48531 = 23772 \times 27732 & \diamond 15876 \times 67851 = 27783 \times 38772 \\
\diamond 13596 \times 69531 = 23793 \times 39732 & \diamond 15886 \times 68851 = 28873 \times 37882 \\
\diamond 13664 \times 46631 = 24752 \times 25742 & \diamond 15984 \times 48951 = 27972 \times 27972 \\
\diamond 13668 \times 86631 = 26934 \times 43962 & \diamond 15996 \times 69951 = 27993 \times 39972 \\
\diamond 13776 \times 67731 = 25953 \times 35952 & \diamond 16608 \times 80661 = 29064 \times 46092 \\
\diamond 13786 \times 68731 = 24973 \times 37942 & \diamond 16704 \times 40761 = 23292 \times 29232 \\
\diamond 14076 \times 67041 = 29223 \times 32292 & \diamond 16716 \times 61761 = 29253 \times 35292 \\
\diamond 14168 \times 86141 = 29414 \times 41492 & \diamond 16728 \times 82761 = 29274 \times 47292 \\
\diamond 14294 \times 49241 = 16814 \times 41861 & \diamond 16824 \times 42861 = 24492 \times 29442 \\
\diamond 14304 \times 40341 = 23052 \times 25032 & \diamond 16828 \times 82861 = 28294 \times 49282 \\
\diamond 14316 \times 61341 = 25053 \times 35052 & \diamond 16836 \times 63861 = 29463 \times 36492 \\
\diamond 14328 \times 82341 = 25074 \times 47052 & \diamond 16848 \times 84861 = 29484 \times 48492 \\
\diamond 14424 \times 42441 = 24252 \times 25242 & \diamond 16944 \times 44961 = 25692 \times 29652 \\
\diamond 14436 \times 63441 = 25263 \times 36252 & \diamond 16956 \times 65961 = 29673 \times 37692 \\
\diamond 14448 \times 84441 = 25284 \times 48252 & \diamond 16968 \times 86961 = 29694 \times 49692 \\
\diamond 14456 \times 65441 = 27443 \times 34472 & \diamond 20706 \times 60702 = 30804 \times 40803 \\
\diamond 14484 \times 48441 = 24582 \times 28542 & \diamond 21436 \times 63412 = 30544 \times 44503 \\
\diamond 14544 \times 44541 = 25452 \times 25452 & \diamond 21616 \times 61612 = 32704 \times 40723 \\
\diamond 14556 \times 65541 = 25473 \times 37452 & \diamond 21669 \times 96612 = 30876 \times 67803 \\
\diamond 14568 \times 86541 = 25494 \times 49452 & \diamond 21726 \times 62712 = 31824 \times 42813 \\
\diamond 14586 \times 68541 = 28743 \times 34782 & \diamond 21728 \times 82712 = 40934 \times 43904 \\
\diamond 14664 \times 46641 = 25662 \times 26652 & \diamond 22326 \times 62322 = 34404 \times 40443 \\
\diamond 14676 \times 67641 = 25683 \times 38652 & \diamond 22356 \times 65322 = 31464 \times 46413 \\
\diamond 14688 \times 88641 = 28944 \times 44982 & \diamond 22448 \times 84422 = 40664 \times 46604 \\
\diamond 14772 \times 27741 = 15852 \times 25851 & \diamond 22736 \times 63722 = 33824 \times 42833
\end{array}$$

$$\begin{aligned}
&\diamond 22746 \times 64722 = 32844 \times 44823 && \diamond 27646 \times 64672 = 38464 \times 46483 \\
&\diamond 23076 \times 67032 = 38304 \times 40383 && \diamond 27648 \times 84672 = 48384 \times 48384 \\
&\diamond 23184 \times 48132 = 27504 \times 40572 && \diamond 27669 \times 96672 = 38496 \times 69483 \\
&\diamond 23196 \times 69132 = 39504 \times 40593 && \diamond 27756 \times 65772 = 37584 \times 48573 \\
&\diamond 23276 \times 67232 = 32384 \times 48323 && \diamond 27768 \times 86772 = 48594 \times 49584 \\
&\diamond 23368 \times 86332 = 41584 \times 48514 && \diamond 27876 \times 67872 = 38784 \times 48783 \\
&\diamond 23483 \times 38432 = 27623 \times 32672 && \diamond 27996 \times 69972 = 39984 \times 48993 \\
&\diamond 23668 \times 86632 = 42874 \times 47824 && \diamond 28168 \times 86182 = 29428 \times 82492 \\
&\diamond 23739 \times 93732 = 35916 \times 61953 && \diamond 31648 \times 84613 = 40756 \times 65704 \\
&\diamond 23766 \times 66732 = 33864 \times 46833 && \diamond 32568 \times 86523 = 41676 \times 67614 \\
&\diamond 23856 \times 65832 = 34944 \times 44943 && \diamond 33428 \times 82433 = 45506 \times 60554 \\
&\diamond 24144 \times 44142 = 25224 \times 42252 && \diamond 33488 \times 88433 = 42596 \times 69524 \\
&\diamond 24156 \times 65142 = 37224 \times 42273 && \diamond 34648 \times 84643 = 46726 \times 62764 \\
&\diamond 24168 \times 86142 = 42294 \times 49224 && \diamond 35076 \times 67053 = 38316 \times 61383 \\
&\diamond 24276 \times 67242 = 38424 \times 42483 && \diamond 35868 \times 86853 = 47946 \times 64974 \\
&\diamond 24339 \times 93342 = 37506 \times 60573 && \diamond 36156 \times 65163 = 37236 \times 63273 \\
&\diamond 24384 \times 48342 = 27624 \times 42672 && \diamond 36168 \times 86163 = 49236 \times 63294 \\
&\diamond 24766 \times 66742 = 36844 \times 44863 && \diamond 36276 \times 67263 = 38436 \times 63483 \\
&\diamond 24786 \times 68742 = 34884 \times 48843 && \diamond 37248 \times 84273 = 48156 \times 65184 \\
&\diamond 25236 \times 63252 = 36144 \times 44163 && \diamond 37368 \times 86373 = 49356 \times 65394 \\
&\diamond 25248 \times 84252 = 44184 \times 48144 && \diamond 37476 \times 67473 = 38556 \times 65583 \\
&\diamond 25356 \times 65352 = 37344 \times 44373 && \diamond 38328 \times 82383 = 47076 \times 67074 \\
&\diamond 25368 \times 86352 = 44394 \times 49344 && \diamond 38448 \times 84483 = 48276 \times 67284 \\
&\diamond 25476 \times 67452 = 38544 \times 44583 && \diamond 38568 \times 86583 = 49476 \times 67494 \\
&\diamond 25576 \times 67552 = 35584 \times 48553 && \diamond 39528 \times 82593 = 47196 \times 69174 \\
&\diamond 25584 \times 48552 = 27744 \times 44772 && \diamond 39768 \times 86793 = 49596 \times 69594 \\
&\diamond 25596 \times 69552 = 39744 \times 44793 && \diamond 42639 \times 93624 = 60756 \times 65706 \\
&\diamond 25669 \times 96652 = 38836 \times 63883 && \diamond 44469 \times 96444 = 62586 \times 68526 \\
&\diamond 26156 \times 65162 = 27326 \times 62372 && \diamond 46276 \times 67264 = 48346 \times 64384 \\
&\diamond 26316 \times 61362 = 35064 \times 46053 && \diamond 48168 \times 86184 = 49248 \times 84294 \\
&\diamond 26328 \times 82362 = 46074 \times 47064 && \diamond 48369 \times 96384 = 67296 \times 69276 \\
&\diamond 26556 \times 65562 = 37464 \times 46473 && \\
&\diamond 26568 \times 86562 = 46494 \times 49464 && \diamond 103086 \times 680301 = 200943 \times 349002 \\
&\diamond 26676 \times 67662 = 38664 \times 46683 && \diamond 103132 \times 231301 = 111412 \times 214111 \\
&\diamond 26796 \times 69762 = 39864 \times 46893 && \diamond 104052 \times 250401 = 120612 \times 216021 \\
&\diamond 27339 \times 93372 = 39156 \times 65193 && \diamond 104142 \times 241401 = 122502 \times 205221 \\
&\diamond 27416 \times 61472 = 38144 \times 44183 && \diamond 104144 \times 441401 = 212612 \times 216212 \\
&\diamond 27439 \times 93472 = 38176 \times 67183 && \diamond 104244 \times 442401 = 205422 \times 224502 \\
&\diamond 27516 \times 61572 = 35184 \times 48153 && \diamond 104253 \times 352401 = 112623 \times 326211 \\
&\diamond 27528 \times 82572 = 47184 \times 48174 && \diamond 104346 \times 643401 = 205623 \times 326502 \\
&\diamond 27636 \times 63672 = 36384 \times 48363 && \diamond 104448 \times 844401 = 205824 \times 428502
\end{aligned}$$

$$\begin{array}{ll}
\diamond 105064 \times 460501 = 218122 \times 221812 & \diamond 114444 \times 444411 = 225522 \times 225522 \\
\diamond 105156 \times 651501 = 218313 \times 313812 & \diamond 114448 \times 844411 = 237604 \times 406732 \\
\diamond 105162 \times 261501 = 132702 \times 207231 & \diamond 114464 \times 464411 = 215642 \times 246512 \\
\diamond 105163 \times 361501 = 123703 \times 307321 & \diamond 114483 \times 384411 = 122853 \times 358221 \\
\diamond 105183 \times 381501 = 121923 \times 329121 & \diamond 114536 \times 635411 = 217433 \times 334712 \\
\diamond 105264 \times 462501 = 207432 \times 234702 & \diamond 114546 \times 645411 = 225723 \times 327522 \\
\diamond 105266 \times 662501 = 226703 \times 307622 & \diamond 114576 \times 675411 = 215853 \times 358512 \\
\diamond 105276 \times 672501 = 214923 \times 329412 & \diamond 114608 \times 806411 = 209144 \times 441902 \\
\diamond 105366 \times 663501 = 207633 \times 336702 & \diamond 114648 \times 846411 = 225924 \times 429522 \\
\diamond 105369 \times 963501 = 307923 \times 329703 & \diamond 114669 \times 966411 = 308853 \times 358803 \\
\diamond 105374 \times 473501 = 113834 \times 438311 & \diamond 114868 \times 868411 = 208774 \times 477802 \\
\diamond 105468 \times 864501 = 207834 \times 438702 & \diamond 115184 \times 481511 = 231932 \times 239132 \\
\diamond 106182 \times 281601 = 142902 \times 209241 & \diamond 115276 \times 672511 = 239323 \times 323932 \\
\diamond 106184 \times 481601 = 124904 \times 409421 & \diamond 115362 \times 263511 = 133722 \times 227331 \\
\diamond 106284 \times 482601 = 209442 \times 244902 & \diamond 115368 \times 863511 = 239514 \times 415932 \\
\diamond 106288 \times 882601 = 228904 \times 409822 & \diamond 115463 \times 364511 = 124733 \times 337421 \\
\diamond 106386 \times 683601 = 209643 \times 346902 & \diamond 115464 \times 464511 = 227532 \times 235722 \\
\diamond 106488 \times 884601 = 209844 \times 448902 & \diamond 115486 \times 684511 = 248713 \times 317842 \\
\diamond 111142 \times 241111 = 133102 \times 201331 & \diamond 115566 \times 665511 = 227733 \times 337722 \\
\diamond 111264 \times 462111 = 201552 \times 255102 & \diamond 115584 \times 485511 = 217752 \times 257712 \\
\diamond 111386 \times 683111 = 201773 \times 377102 & \diamond 115648 \times 846511 = 219544 \times 445912 \\
\diamond 112362 \times 263211 = 145302 \times 203541 & \diamond 115668 \times 866511 = 227934 \times 439722 \\
\diamond 112404 \times 404211 = 205122 \times 221502 & \diamond 115696 \times 696511 = 217963 \times 369712 \\
\diamond 112424 \times 424211 = 204332 \times 233402 & \diamond 116382 \times 283611 = 143922 \times 229341 \\
\diamond 112484 \times 484211 = 203762 \times 267302 & \diamond 116484 \times 484611 = 229542 \times 245922 \\
\diamond 112506 \times 605211 = 221703 \times 307122 & \diamond 116584 \times 485611 = 125944 \times 449521 \\
\diamond 112608 \times 806211 = 221904 \times 409122 & \diamond 116586 \times 685611 = 229743 \times 347922 \\
\diamond 113344 \times 443311 = 213532 \times 235312 & \diamond 116688 \times 886611 = 229944 \times 449922 \\
\diamond 113424 \times 424311 = 215322 \times 223512 & \diamond 120144 \times 441021 = 210252 \times 252012 \\
\diamond 113436 \times 634311 = 235503 \times 305532 & \diamond 120156 \times 651021 = 210273 \times 372012 \\
\diamond 113456 \times 654311 = 213743 \times 347312 & \diamond 120168 \times 861021 = 210294 \times 492012 \\
\diamond 113506 \times 605311 = 207133 \times 331702 & \diamond 120252 \times 252021 = 144012 \times 210441 \\
\diamond 113526 \times 625311 = 223713 \times 317322 & \diamond 120276 \times 672021 = 210483 \times 384012 \\
\diamond 113568 \times 865311 = 213954 \times 459312 & \diamond 120372 \times 273021 = 156012 \times 210651 \\
\diamond 113582 \times 285311 = 157502 \times 205751 & \diamond 120384 \times 483021 = 210672 \times 276012 \\
\diamond 113628 \times 826311 = 223914 \times 419322 & \diamond 120492 \times 294021 = 168012 \times 210861 \\
\diamond 113646 \times 646311 = 206553 \times 355602 & \diamond 121163 \times 361121 = 145103 \times 301541 \\
\diamond 114172 \times 271411 = 130732 \times 237031 & \diamond 121296 \times 692121 = 278103 \times 301872 \\
\diamond 114264 \times 462411 = 222732 \times 237222 & \diamond 121344 \times 443121 = 212352 \times 253212 \\
\diamond 114342 \times 243411 = 123522 \times 225321 & \diamond 121356 \times 653121 = 212373 \times 373212 \\
\diamond 114356 \times 653411 = 237413 \times 314732 & \diamond 121368 \times 863121 = 212394 \times 493212
\end{array}$$

- $\diamond 121464 \times 464121 = 212562 \times 265212$
 $\diamond 121476 \times 674121 = 212583 \times 385212$
 $\diamond 121584 \times 485121 = 212772 \times 277212$
 $\diamond 121596 \times 695121 = 212793 \times 397212$
 $\diamond 121624 \times 426121 = 205252 \times 252502$
 $\diamond 122316 \times 613221 = 214053 \times 350412$
 $\diamond 122328 \times 823221 = 214074 \times 470412$
 $\diamond 122416 \times 614221 = 230623 \times 326032$
 $\diamond 122493 \times 394221 = 158403 \times 304851$
 $\diamond 122528 \times 825221 = 230834 \times 438032$
 $\diamond 122532 \times 235221 = 134412 \times 214431$
 $\diamond 122556 \times 655221 = 214473 \times 374412$
 $\diamond 122568 \times 865221 = 214494 \times 494412$
 $\diamond 122636 \times 636221 = 254603 \times 306452$
 $\diamond 122652 \times 256221 = 146412 \times 214641$
 $\diamond 122676 \times 676221 = 214683 \times 386412$
 $\diamond 122706 \times 607221 = 241803 \times 308142$
 $\diamond 122772 \times 277221 = 158412 \times 214851$
 $\diamond 122796 \times 697221 = 214893 \times 398412$
 $\diamond 122946 \times 649221 = 207483 \times 384702$
 $\diamond 123372 \times 273321 = 131652 \times 256131$
 $\diamond 123424 \times 424321 = 225232 \times 232522$
 $\diamond 123464 \times 464321 = 223652 \times 256322$
 $\diamond 123504 \times 405321 = 216132 \times 231612$
 $\diamond 123528 \times 825321 = 216174 \times 471612$
 $\diamond 123536 \times 635321 = 232733 \times 337232$
 $\diamond 123586 \times 685321 = 223873 \times 378322$
 $\diamond 123648 \times 846321 = 232944 \times 449232$
 $\diamond 123648 \times 846321 = 256704 \times 407652$
 $\diamond 123726 \times 627321 = 243813 \times 318342$
 $\diamond 123732 \times 237321 = 135612 \times 216531$
 $\diamond 123744 \times 447321 = 216552 \times 255612$
 $\diamond 123768 \times 867321 = 216594 \times 495612$
 $\diamond 123852 \times 258321 = 147612 \times 216741$
 $\diamond 123864 \times 468321 = 216762 \times 267612$
 $\diamond 123969 \times 969321 = 309783 \times 387903$
 $\diamond 123972 \times 279321 = 159612 \times 216951$
 $\diamond 123984 \times 489321 = 216972 \times 279612$
 $\diamond 124292 \times 292421 = 140852 \times 258041$
 $\diamond 124384 \times 483421 = 232852 \times 258232$
 $\diamond 124476 \times 674421 = 258423 \times 324852$
 $\diamond 124526 \times 625421 = 227243 \times 342722$
 $\diamond 124544 \times 445421 = 234632 \times 236432$
 $\diamond 124644 \times 446421 = 226542 \times 245622$
 $\diamond 124656 \times 656421 = 234843 \times 348432$
 $\diamond 124684 \times 486421 = 225862 \times 268522$
 $\diamond 124704 \times 407421 = 218232 \times 232812$
 $\diamond 124716 \times 617421 = 218253 \times 352812$
 $\diamond 124746 \times 647421 = 245823 \times 328542$
 $\diamond 124932 \times 239421 = 136812 \times 218631$
 $\diamond 124944 \times 449421 = 218652 \times 256812$
 $\diamond 124956 \times 659421 = 218673 \times 376812$
 $\diamond 125552 \times 255521 = 135632 \times 236531$
 $\diamond 125562 \times 265521 = 134742 \times 247431$
 $\diamond 125583 \times 385521 = 147723 \times 327741$
 $\diamond 125628 \times 826521 = 229254 \times 452922$
 $\diamond 125656 \times 656521 = 238543 \times 345832$
 $\diamond 125664 \times 466521 = 236742 \times 247632$
 $\diamond 125766 \times 667521 = 247833 \times 338742$
 $\diamond 125776 \times 677521 = 236953 \times 359632$
 $\diamond 125866 \times 668521 = 228763 \times 367822$
 $\diamond 126582 \times 285621 = 144942 \times 249441$
 $\diamond 126672 \times 276621 = 146832 \times 238641$
 $\diamond 126673 \times 376621 = 136843 \times 348631$
 $\diamond 126684 \times 486621 = 246942 \times 249642$
 $\diamond 126784 \times 487621 = 238852 \times 258832$
 $\diamond 126786 \times 687621 = 249843 \times 348942$
 $\diamond 130156 \times 651031 = 273013 \times 310372$
 $\diamond 130273 \times 372031 = 156013 \times 310651$
 $\diamond 130782 \times 287031 = 169122 \times 221961$
 $\diamond 130824 \times 428031 = 206172 \times 271602$
 $\diamond 131184 \times 481131 = 157104 \times 401751$
 $\diamond 131456 \times 654131 = 274313 \times 313472$
 $\diamond 131586 \times 685131 = 287313 \times 313782$
 $\diamond 131744 \times 447131 = 215372 \times 273512$
 $\diamond 131836 \times 638131 = 273703 \times 307372$
 $\diamond 132144 \times 441231 = 231252 \times 252132$
 $\diamond 132156 \times 651231 = 231273 \times 372132$
 $\diamond 132168 \times 861231 = 231294 \times 492132$
 $\diamond 132252 \times 252231 = 144132 \times 231441$
 $\diamond 132276 \times 672231 = 231483 \times 384132$
 $\diamond 132372 \times 273231 = 156132 \times 231651$

$$\begin{array}{ll}
\diamond 132384 \times 483231 = 231672 \times 276132 & \diamond 134736 \times 637431 = 253833 \times 338352 \\
\diamond 132492 \times 294231 = 168132 \times 231861 & \diamond 134772 \times 277431 = 158532 \times 235851 \\
\diamond 132664 \times 466231 = 224572 \times 275422 & \diamond 134784 \times 487431 = 235872 \times 278532 \\
\diamond 132743 \times 347231 = 145613 \times 316541 & \diamond 134796 \times 697431 = 235893 \times 398532 \\
\diamond 132804 \times 408231 = 207162 \times 261702 & \diamond 134844 \times 448431 = 227562 \times 265722 \\
\diamond 132848 \times 848231 = 275804 \times 408572 & \diamond 134946 \times 649431 = 265923 \times 329562 \\
\diamond 132873 \times 378231 = 158613 \times 316851 & \diamond 135504 \times 405531 = 231732 \times 237132 \\
\diamond 133344 \times 443331 = 233352 \times 253332 & \diamond 135516 \times 615531 = 237153 \times 351732 \\
\diamond 133346 \times 643331 = 241553 \times 355142 & \diamond 135528 \times 825531 = 237174 \times 471732 \\
\diamond 133356 \times 653331 = 233373 \times 373332 & \diamond 135546 \times 645531 = 247353 \times 353742 \\
\diamond 133368 \times 863331 = 233394 \times 493332 & \diamond 135624 \times 426531 = 237342 \times 243732 \\
\diamond 133464 \times 464331 = 233562 \times 265332 & \diamond 135636 \times 636531 = 237363 \times 363732 \\
\diamond 133468 \times 864331 = 241774 \times 477142 & \diamond 135648 \times 846531 = 237384 \times 483732 \\
\diamond 133476 \times 674331 = 233583 \times 385332 & \diamond 135664 \times 466531 = 245752 \times 257542 \\
\diamond 133492 \times 294331 = 141772 \times 277141 & \diamond 135744 \times 447531 = 237552 \times 255732 \\
\diamond 133504 \times 405331 = 215152 \times 251512 & \diamond 135756 \times 657531 = 237573 \times 375732 \\
\diamond 133584 \times 485331 = 233772 \times 277332 & \diamond 135768 \times 867531 = 237594 \times 495732 \\
\diamond 133596 \times 695331 = 233793 \times 397332 & \diamond 135786 \times 687531 = 245973 \times 379542 \\
\diamond 133616 \times 616331 = 251723 \times 327152 & \diamond 135826 \times 628531 = 228373 \times 373822 \\
\diamond 133676 \times 676331 = 277523 \times 325772 & \diamond 135852 \times 258531 = 147732 \times 237741 \\
\diamond 133728 \times 827331 = 251934 \times 439152 & \diamond 135856 \times 658531 = 255943 \times 349552 \\
\diamond 133768 \times 867331 = 277714 \times 417772 & \diamond 135864 \times 468531 = 237762 \times 267732 \\
\diamond 133824 \times 428331 = 217362 \times 263712 & \diamond 135876 \times 678531 = 237783 \times 387732 \\
\diamond 134304 \times 403431 = 230532 \times 235032 & \diamond 135966 \times 669531 = 267933 \times 339762 \\
\diamond 134316 \times 613431 = 235053 \times 350532 & \diamond 135984 \times 489531 = 237972 \times 279732 \\
\diamond 134328 \times 823431 = 235074 \times 470532 & \diamond 135996 \times 699531 = 237993 \times 399732 \\
\diamond 134424 \times 424431 = 235242 \times 242532 & \diamond 136608 \times 806631 = 239064 \times 460932 \\
\diamond 134436 \times 634431 = 235263 \times 362532 & \diamond 136648 \times 846631 = 249364 \times 463942 \\
\diamond 134439 \times 934431 = 350853 \times 358053 & \diamond 136704 \times 407631 = 232932 \times 239232 \\
\diamond 134444 \times 444431 = 243542 \times 245342 & \diamond 136716 \times 617631 = 239253 \times 352932 \\
\diamond 134448 \times 844431 = 235284 \times 482532 & \diamond 136728 \times 827631 = 239274 \times 472932 \\
\diamond 134544 \times 445431 = 235452 \times 254532 & \diamond 136762 \times 267631 = 147742 \times 247741 \\
\diamond 134556 \times 655431 = 235473 \times 374532 & \diamond 136776 \times 677631 = 259653 \times 356952 \\
\diamond 134566 \times 665431 = 243763 \times 367342 & \diamond 136782 \times 287631 = 145962 \times 269541 \\
\diamond 134568 \times 865431 = 235494 \times 494532 & \diamond 136824 \times 428631 = 239442 \times 244932 \\
\diamond 134596 \times 695431 = 279433 \times 334972 & \diamond 136836 \times 638631 = 239463 \times 364932 \\
\diamond 134624 \times 426431 = 226352 \times 253622 & \diamond 136848 \times 848631 = 239484 \times 484932 \\
\diamond 134664 \times 466431 = 235662 \times 266532 & \diamond 136864 \times 468631 = 248752 \times 257842 \\
\diamond 134676 \times 676431 = 235683 \times 386532 & \diamond 136884 \times 488631 = 247962 \times 269742 \\
\diamond 134688 \times 886431 = 243984 \times 489342 & \diamond 136944 \times 449631 = 239652 \times 256932 \\
\diamond 134688 \times 886431 = 279624 \times 426972 & \diamond 136956 \times 659631 = 239673 \times 376932
\end{array}$$

- $\diamond 136968 \times 869631 = 239694 \times 496932$
 $\diamond 136986 \times 689631 = 269943 \times 349962$
 $\diamond 137872 \times 278731 = 147952 \times 259741$
 $\diamond 137883 \times 388731 = 148953 \times 359841$
 $\diamond 137982 \times 289731 = 159942 \times 249951$
 $\diamond 137984 \times 489731 = 259952 \times 259952$
 $\diamond 140168 \times 861041 = 294014 \times 410492$
 $\diamond 140294 \times 492041 = 168014 \times 410861$
 $\diamond 140944 \times 449041 = 216292 \times 292612$
 $\diamond 141568 \times 865141 = 295414 \times 414592$
 $\diamond 141864 \times 468141 = 225492 \times 294522$
 $\diamond 141956 \times 659141 = 294713 \times 317492$
 $\diamond 142784 \times 487241 = 234692 \times 296432$
 $\diamond 142876 \times 678241 = 296623 \times 326692$
 $\diamond 142954 \times 459241 = 156814 \times 418651$
 $\diamond 143064 \times 460341 = 250362 \times 263052$
 $\diamond 143076 \times 670341 = 250383 \times 383052$
 $\diamond 143156 \times 651341 = 273143 \times 341372$
 $\diamond 143172 \times 271341 = 155052 \times 250551$
 $\diamond 143184 \times 481341 = 250572 \times 275052$
 $\diamond 143196 \times 691341 = 250593 \times 395052$
 $\diamond 143273 \times 372341 = 156143 \times 341651$
 $\diamond 143292 \times 292341 = 167052 \times 250761$
 $\diamond 143796 \times 697341 = 298533 \times 335892$
 $\diamond 143808 \times 808341 = 270924 \times 429072$
 $\diamond 143888 \times 888341 = 298724 \times 427892$
 $\diamond 144024 \times 420441 = 240252 \times 252042$
 $\diamond 144036 \times 630441 = 252063 \times 360252$
 $\diamond 144048 \times 840441 = 252084 \times 480252$
 $\diamond 144144 \times 441441 = 252252 \times 252252$
 $\diamond 144156 \times 651441 = 252273 \times 372252$
 $\diamond 144168 \times 861441 = 252294 \times 492252$
 $\diamond 144204 \times 402441 = 222162 \times 261222$
 $\diamond 144264 \times 462441 = 252462 \times 264252$
 $\diamond 144276 \times 672441 = 252483 \times 384252$
 $\diamond 144372 \times 273441 = 156252 \times 252651$
 $\diamond 144384 \times 483441 = 252672 \times 276252$
 $\diamond 144396 \times 693441 = 252693 \times 396252$
 $\diamond 144448 \times 844441 = 261664 \times 466162$
 $\diamond 144456 \times 654441 = 274443 \times 344472$
 $\diamond 144492 \times 294441 = 168252 \times 252861$
 $\diamond 144586 \times 685441 = 287443 \times 344782$
 $\diamond 144704 \times 407441 = 216272 \times 272612$
 $\diamond 144816 \times 618441 = 272823 \times 328272$
 $\diamond 145344 \times 443541 = 253452 \times 254352$
 $\diamond 145356 \times 653541 = 254373 \times 373452$
 $\diamond 145368 \times 863541 = 254394 \times 493452$
 $\diamond 145369 \times 963541 = 361783 \times 387163$
 $\diamond 145424 \times 424541 = 234362 \times 263432$
 $\diamond 145464 \times 464541 = 254562 \times 265452$
 $\diamond 145476 \times 674541 = 254583 \times 385452$
 $\diamond 145546 \times 645541 = 263653 \times 356362$
 $\diamond 145584 \times 485541 = 254772 \times 277452$
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 $\diamond 145639 \times 936541 = 347293 \times 392743$
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 $\diamond 145756 \times 657541 = 275743 \times 347572$
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 $\diamond 145886 \times 688541 = 288743 \times 347882$
 $\diamond 145936 \times 639541 = 274933 \times 339472$
 $\diamond 146304 \times 403641 = 230652 \times 256032$
 $\diamond 146316 \times 613641 = 256053 \times 350652$
 $\diamond 146328 \times 823641 = 256074 \times 470652$
 $\diamond 146424 \times 424641 = 242652 \times 256242$
 $\diamond 146436 \times 634641 = 256263 \times 362652$
 $\diamond 146448 \times 844641 = 256284 \times 482652$
 $\diamond 146544 \times 445641 = 254652 \times 256452$
 $\diamond 146556 \times 655641 = 256473 \times 374652$
 $\diamond 146566 \times 665641 = 267463 \times 364762$
 $\diamond 146568 \times 865641 = 256494 \times 494652$
 $\diamond 146616 \times 616641 = 236283 \times 382632$
 $\diamond 146644 \times 446641 = 246562 \times 265642$
 $\diamond 146664 \times 466641 = 256662 \times 266652$
 $\diamond 146676 \times 676641 = 256683 \times 386652$
 $\diamond 146739 \times 937641 = 359283 \times 382953$
 $\diamond 146766 \times 667641 = 265863 \times 368562$
 $\diamond 146772 \times 277641 = 158652 \times 256851$
 $\diamond 146784 \times 487641 = 256872 \times 278652$
 $\diamond 146796 \times 697641 = 256893 \times 398652$
 $\diamond 146944 \times 449641 = 238672 \times 276832$
 $\diamond 147504 \times 405741 = 231852 \times 258132$

$$\begin{array}{ll}
\diamond 147516 \times 615741 = 258153 \times 351852 & \diamond 156648 \times 846651 = 283764 \times 467382 \\
\diamond 147624 \times 426741 = 243852 \times 258342 & \diamond 156828 \times 828651 = 282954 \times 459282 \\
\diamond 147636 \times 636741 = 258363 \times 363852 & \diamond 156968 \times 869651 = 296954 \times 459692 \\
\diamond 147648 \times 846741 = 258384 \times 483852 & \diamond 157206 \times 602751 = 242193 \times 391242 \\
\diamond 147668 \times 866741 = 269474 \times 474962 & \diamond 157344 \times 443751 = 253572 \times 275352 \\
\diamond 147744 \times 447741 = 255852 \times 258552 & \diamond 157356 \times 653751 = 275373 \times 373572 \\
\diamond 147756 \times 657741 = 258573 \times 375852 & \diamond 157368 \times 863751 = 275394 \times 493572 \\
\diamond 147768 \times 867741 = 258594 \times 495852 & \diamond 157456 \times 654751 = 274573 \times 375472 \\
\diamond 147846 \times 648741 = 248583 \times 385842 & \diamond 157464 \times 464751 = 265572 \times 275562 \\
\diamond 147864 \times 468741 = 258762 \times 267852 & \diamond 157476 \times 674751 = 275583 \times 385572 \\
\diamond 147876 \times 678741 = 258783 \times 387852 & \diamond 157584 \times 485751 = 275772 \times 277572 \\
\diamond 147972 \times 279741 = 159852 \times 258951 & \diamond 157586 \times 685751 = 287573 \times 375782 \\
\diamond 147984 \times 489741 = 258972 \times 279852 & \diamond 157596 \times 695751 = 275793 \times 397572 \\
\diamond 147996 \times 699741 = 258993 \times 399852 & \diamond 157624 \times 426751 = 235582 \times 285532 \\
\diamond 154168 \times 861451 = 294154 \times 451492 & \diamond 157746 \times 647751 = 285753 \times 357582 \\
\diamond 154294 \times 492451 = 168154 \times 451861 & \diamond 157868 \times 868751 = 285974 \times 479582 \\
\diamond 155064 \times 460551 = 263172 \times 271362 & \diamond 158304 \times 403851 = 230772 \times 277032 \\
\diamond 155076 \times 670551 = 271383 \times 383172 & \diamond 158316 \times 613851 = 277053 \times 350772 \\
\diamond 155184 \times 481551 = 271572 \times 275172 & \diamond 158328 \times 823851 = 277074 \times 470772 \\
\diamond 155196 \times 691551 = 271593 \times 395172 & \diamond 158424 \times 424851 = 242772 \times 277242 \\
\diamond 155292 \times 292551 = 167172 \times 271761 & \diamond 158436 \times 634851 = 277263 \times 362772 \\
\diamond 155306 \times 603551 = 281333 \times 333182 & \diamond 158448 \times 844851 = 277284 \times 482772 \\
\diamond 155568 \times 865551 = 295554 \times 455592 & \diamond 158536 \times 635851 = 255493 \times 394552 \\
\diamond 155904 \times 409551 = 217392 \times 293712 & \diamond 158544 \times 445851 = 254772 \times 277452 \\
\diamond 156024 \times 420651 = 240372 \times 273042 & \diamond 158556 \times 655851 = 277473 \times 374772 \\
\diamond 156026 \times 620651 = 260273 \times 372062 & \diamond 158568 \times 865851 = 277494 \times 494772 \\
\diamond 156036 \times 630651 = 273063 \times 360372 & \diamond 158626 \times 626851 = 262873 \times 378262 \\
\diamond 156039 \times 930651 = 372093 \times 390273 & \diamond 158639 \times 936851 = 378293 \times 392873 \\
\diamond 156048 \times 840651 = 273084 \times 480372 & \diamond 158664 \times 466851 = 266772 \times 277662 \\
\diamond 156144 \times 441651 = 252372 \times 273252 & \diamond 158669 \times 966851 = 388493 \times 394883 \\
\diamond 156156 \times 651651 = 273273 \times 372372 & \diamond 158676 \times 676851 = 277683 \times 386772 \\
\diamond 156168 \times 861651 = 273294 \times 492372 & \diamond 158688 \times 886851 = 289584 \times 485982 \\
\diamond 156264 \times 462651 = 264372 \times 273462 & \diamond 158756 \times 657851 = 275873 \times 378572 \\
\diamond 156276 \times 672651 = 273483 \times 384372 & \diamond 158784 \times 487851 = 277872 \times 278772 \\
\diamond 156286 \times 682651 = 286273 \times 372682 & \diamond 158796 \times 697851 = 277893 \times 398772 \\
\diamond 156384 \times 483651 = 273672 \times 276372 & \diamond 158844 \times 448851 = 247782 \times 287742 \\
\diamond 156396 \times 693651 = 273693 \times 396372 & \diamond 158886 \times 688851 = 288873 \times 378882 \\
\diamond 156404 \times 404651 = 223382 \times 283322 & \diamond 158966 \times 669851 = 287963 \times 369782 \\
\diamond 156484 \times 484651 = 265582 \times 285562 & \diamond 159504 \times 405951 = 231972 \times 279132 \\
\diamond 156492 \times 294651 = 168372 \times 273861 & \diamond 159516 \times 615951 = 279153 \times 351972 \\
\diamond 156526 \times 625651 = 283543 \times 345382 & \diamond 159528 \times 825951 = 279174 \times 471972
\end{array}$$

$$\begin{array}{ll}
\diamond 159624 \times 426951 = 243972 \times 279342 & \diamond 206356 \times 653602 = 314824 \times 428413 \\
\diamond 159636 \times 636951 = 279363 \times 363972 & \diamond 207156 \times 651702 = 319224 \times 422913 \\
\diamond 159648 \times 846951 = 279384 \times 483972 & \diamond 207236 \times 632702 = 216506 \times 605612 \\
\diamond 159744 \times 447951 = 255972 \times 279552 & \diamond 207263 \times 362702 = 243803 \times 308342 \\
\diamond 159756 \times 657951 = 279573 \times 375972 & \diamond 207264 \times 462702 = 234804 \times 408432 \\
\diamond 159768 \times 867951 = 279594 \times 495972 & \diamond 207339 \times 933702 = 319506 \times 605913 \\
\diamond 159864 \times 468951 = 267972 \times 279762 & \diamond 207366 \times 663702 = 336804 \times 408633 \\
\diamond 159866 \times 668951 = 268793 \times 397862 & \diamond 207466 \times 664702 = 308644 \times 446803 \\
\diamond 159876 \times 678951 = 279783 \times 387972 & \diamond 207468 \times 864702 = 408834 \times 438804 \\
\diamond 159984 \times 489951 = 279972 \times 279972 & \diamond 207576 \times 675702 = 215946 \times 649512 \\
\diamond 159996 \times 699951 = 279993 \times 399972 & \diamond 207669 \times 966702 = 308946 \times 649803 \\
\diamond 167064 \times 460761 = 263292 \times 292362 & \diamond 209248 \times 842902 = 218608 \times 806812 \\
\diamond 167076 \times 670761 = 292383 \times 383292 & \diamond 212263 \times 362212 = 254203 \times 302452 \\
\diamond 167184 \times 481761 = 275292 \times 292572 & \diamond 212496 \times 694212 = 302784 \times 487203 \\
\diamond 167196 \times 691761 = 292593 \times 395292 & \diamond 213136 \times 631312 = 335104 \times 401533 \\
\diamond 168024 \times 420861 = 240492 \times 294042 & \diamond 213248 \times 842312 = 401744 \times 447104 \\
\diamond 168028 \times 820861 = 280294 \times 492082 & \diamond 214144 \times 441412 = 234304 \times 403432 \\
\diamond 168036 \times 630861 = 294063 \times 360492 & \diamond 214256 \times 652412 = 346304 \times 403643 \\
\diamond 168048 \times 840861 = 294084 \times 480492 & \diamond 214368 \times 863412 = 403854 \times 458304 \\
\diamond 168144 \times 441861 = 252492 \times 294252 & \diamond 214506 \times 605412 = 307224 \times 422703 \\
\diamond 168156 \times 651861 = 294273 \times 372492 & \diamond 214593 \times 395412 = 277503 \times 305772 \\
\diamond 168168 \times 861861 = 294294 \times 492492 & \diamond 214608 \times 806412 = 409224 \times 422904 \\
\diamond 168264 \times 462861 = 264492 \times 294462 & \diamond 214616 \times 616412 = 324704 \times 407423 \\
\diamond 168276 \times 672861 = 294483 \times 384492 & \diamond 214636 \times 636412 = 306544 \times 445603 \\
\diamond 168384 \times 483861 = 276492 \times 294672 & \diamond 215264 \times 462512 = 245504 \times 405542 \\
\diamond 168396 \times 693861 = 294693 \times 396492 & \diamond 215376 \times 673512 = 357504 \times 405753 \\
\diamond 169264 \times 462961 = 272782 \times 287272 & \diamond 215464 \times 464512 = 223744 \times 447322 \\
\diamond 169344 \times 443961 = 253692 \times 296352 & \diamond 215488 \times 884512 = 405964 \times 469504 \\
\diamond 169356 \times 653961 = 296373 \times 373692 & \diamond 215526 \times 625512 = 317424 \times 424713 \\
\diamond 169368 \times 863961 = 296394 \times 493692 & \diamond 215556 \times 655512 = 315744 \times 447513 \\
\diamond 169464 \times 464961 = 265692 \times 296562 & \diamond 215628 \times 826512 = 419424 \times 424914 \\
\diamond 169476 \times 674961 = 296583 \times 385692 & \diamond 215648 \times 846512 = 407744 \times 447704 \\
\diamond 169568 \times 865961 = 295694 \times 496592 & \diamond 215728 \times 827512 = 409534 \times 435904 \\
\diamond 169584 \times 485961 = 277692 \times 296772 & \diamond 216353 \times 353612 = 233723 \times 327332 \\
\diamond 169596 \times 695961 = 296793 \times 397692 & \diamond 216384 \times 483612 = 232944 \times 449232 \\
\diamond 205143 \times 341502 = 221613 \times 316122 & \diamond 216384 \times 483612 = 256704 \times 407652 \\
\diamond 205224 \times 422502 = 214404 \times 404412 & \diamond 216444 \times 444612 = 225624 \times 426522 \\
\diamond 205326 \times 623502 = 316404 \times 404613 & \diamond 216476 \times 674612 = 324944 \times 449423 \\
\diamond 205344 \times 443502 = 213624 \times 426312 & \diamond 216496 \times 694612 = 368704 \times 407863 \\
\diamond 205428 \times 824502 = 404814 \times 418404 & \diamond 216546 \times 645612 = 327624 \times 426723 \\
\diamond 206264 \times 462602 = 222824 \times 428222 & \diamond 216568 \times 865612 = 416944 \times 449614
\end{array}$$

- $\diamond 216648 \times 846612 = 426924 \times 429624$
 $\diamond 216969 \times 969612 = 309876 \times 678903$
 $\diamond 217464 \times 464712 = 235824 \times 428532$
 $\diamond 217473 \times 374712 = 255813 \times 318552$
 $\diamond 217474 \times 474712 = 234934 \times 439432$
 $\diamond 217566 \times 665712 = 337824 \times 428733$
 $\diamond 217668 \times 866712 = 428934 \times 439824$
 $\diamond 217686 \times 686712 = 318864 \times 468813$
 $\diamond 218566 \times 665812 = 227836 \times 638722$
 $\diamond 221064 \times 460122 = 254004 \times 400452$
 $\diamond 221186 \times 681122 = 376004 \times 400673$
 $\diamond 221373 \times 373122 = 265113 \times 311562$
 $\diamond 222284 \times 482222 = 266204 \times 402662$
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 $\diamond 223706 \times 607322 = 332804 \times 408233$
 $\diamond 223836 \times 638322 = 307464 \times 464703$
 $\diamond 224706 \times 607422 = 308244 \times 442803$
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 $\diamond 225456 \times 654522 = 347424 \times 424743$
 $\diamond 225568 \times 865522 = 424954 \times 459424$
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 $\diamond 227664 \times 466722 = 236844 \times 448632$
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 $\diamond 227766 \times 667722 = 338844 \times 448833$
 $\diamond 230276 \times 672032 = 320384 \times 483023$
 $\diamond 230316 \times 613032 = 350304 \times 403053$
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 $\diamond 230483 \times 384032 = 276023 \times 320672$
 $\diamond 230556 \times 655032 = 374304 \times 403473$
 $\diamond 230568 \times 865032 = 403494 \times 494304$
 $\diamond 230676 \times 676032 = 386304 \times 403683$
 $\diamond 230796 \times 697032 = 398304 \times 403893$
 $\diamond 231394 \times 493132 = 277114 \times 411772$
 $\diamond 231516 \times 615132 = 351504 \times 405153$
 $\diamond 231528 \times 825132 = 405174 \times 471504$
 $\diamond 231624 \times 426132 = 243504 \times 405342$
 $\diamond 231636 \times 636132 = 363504 \times 405363$
 $\diamond 231648 \times 846132 = 405384 \times 483504$
 $\diamond 231744 \times 447132 = 255504 \times 405552$
 $\diamond 231756 \times 657132 = 375504 \times 405573$
 $\diamond 231768 \times 867132 = 405594 \times 495504$
 $\diamond 231864 \times 468132 = 267504 \times 405762$
 $\diamond 231876 \times 678132 = 387504 \times 405783$
 $\diamond 231984 \times 489132 = 279504 \times 405972$
 $\diamond 231996 \times 699132 = 399504 \times 405993$
 $\diamond 232166 \times 661232 = 365024 \times 420563$
 $\diamond 232288 \times 882232 = 420784 \times 487024$
 $\diamond 232576 \times 675232 = 323584 \times 485323$
 $\diamond 232608 \times 806232 = 407064 \times 460704$
 $\diamond 232716 \times 617232 = 352704 \times 407253$
 $\diamond 232728 \times 827232 = 407274 \times 472704$
 $\diamond 232824 \times 428232 = 244704 \times 407442$
 $\diamond 232836 \times 638232 = 364704 \times 407463$
 $\diamond 232848 \times 848232 = 407484 \times 484704$
 $\diamond 232944 \times 449232 = 256704 \times 407652$
 $\diamond 232956 \times 659232 = 376704 \times 407673$
 $\diamond 232968 \times 869232 = 407694 \times 496704$
 $\diamond 233264 \times 462332 = 255224 \times 422552$
 $\diamond 233386 \times 683332 = 377224 \times 422773$
 $\diamond 233808 \times 808332 = 409164 \times 461904$
 $\diamond 233916 \times 619332 = 353904 \times 409353$
 $\diamond 233928 \times 829332 = 409374 \times 473904$
 $\diamond 233956 \times 659332 = 317584 \times 485713$
 $\diamond 234069 \times 960432 = 368016 \times 610863$
 $\diamond 234439 \times 934432 = 326176 \times 671623$
 $\diamond 234484 \times 484432 = 267424 \times 424762$
 $\diamond 234528 \times 825432 = 438144 \times 441834$
 $\diamond 234726 \times 627432 = 343824 \times 428343$
 $\diamond 234853 \times 358432 = 257623 \times 326752$
 $\diamond 234968 \times 869432 = 418784 \times 487814$

$$\begin{array}{ll}
\diamond 235536 \times 635532 = 337344 \times 443733 & \diamond 243864 \times 468342 = 267624 \times 426762 \\
\diamond 235648 \times 846532 = 443944 \times 449344 & \diamond 243939 \times 939342 = 375906 \times 609573 \\
\diamond 235796 \times 697532 = 335984 \times 489533 & \diamond 243984 \times 489342 = 279624 \times 426972 \\
\diamond 235888 \times 888532 = 427984 \times 489724 & \diamond 244716 \times 617442 = 352824 \times 428253 \\
\diamond 235926 \times 629532 = 319464 \times 464913 & \diamond 244944 \times 449442 = 256824 \times 428652 \\
\diamond 236656 \times 656632 = 348544 \times 445843 & \diamond 244956 \times 659442 = 376824 \times 428673 \\
\diamond 236716 \times 617632 = 329344 \times 443923 & \diamond 245586 \times 685542 = 378444 \times 444873 \\
\diamond 236856 \times 658632 = 346944 \times 449643 & \diamond 245616 \times 616542 = 327264 \times 462723 \\
\diamond 237088 \times 880732 = 259408 \times 804952 & \diamond 245728 \times 827542 = 439264 \times 462934 \\
\diamond 237583 \times 385732 = 254953 \times 359452 & \diamond 245746 \times 647542 = 354844 \times 448453 \\
\diamond 237664 \times 466732 = 247744 \times 447742 & \diamond 245769 \times 967542 = 378726 \times 627873 \\
\diamond 237776 \times 677732 = 359744 \times 447953 & \diamond 246736 \times 637642 = 338464 \times 464833 \\
\diamond 237966 \times 669732 = 339864 \times 468933 & \diamond 247476 \times 674742 = 258546 \times 645852 \\
\diamond 238773 \times 377832 = 257943 \times 349752 & \diamond 247856 \times 658742 = 349664 \times 466943 \\
\diamond 238784 \times 487832 = 258944 \times 449852 & \diamond 252036 \times 630252 = 360144 \times 441063 \\
\diamond 239786 \times 687932 = 249956 \times 659942 & \diamond 252048 \times 840252 = 441084 \times 480144 \\
\diamond 240144 \times 441042 = 252024 \times 420252 & \diamond 252156 \times 651252 = 372144 \times 441273 \\
\diamond 240156 \times 651042 = 372024 \times 420273 & \diamond 252168 \times 861252 = 441294 \times 492144 \\
\diamond 240168 \times 861042 = 420294 \times 492024 & \diamond 252264 \times 462252 = 264144 \times 441462 \\
\diamond 240276 \times 672042 = 384024 \times 420483 & \diamond 252276 \times 672252 = 384144 \times 441483 \\
\diamond 240384 \times 483042 = 276024 \times 420672 & \diamond 252384 \times 483252 = 276144 \times 441672 \\
\diamond 241344 \times 443142 = 253224 \times 422352 & \diamond 252396 \times 693252 = 396144 \times 441693 \\
\diamond 241356 \times 653142 = 373224 \times 422373 & \diamond 253236 \times 632352 = 361344 \times 443163 \\
\diamond 241368 \times 863142 = 422394 \times 493224 & \diamond 253248 \times 842352 = 443184 \times 481344 \\
\diamond 241464 \times 464142 = 265224 \times 422562 & \diamond 253276 \times 672352 = 352384 \times 483253 \\
\diamond 241476 \times 674142 = 385224 \times 422583 & \diamond 253356 \times 653352 = 373344 \times 443373 \\
\diamond 241584 \times 485142 = 277224 \times 422772 & \diamond 253368 \times 863352 = 443394 \times 493344 \\
\diamond 241596 \times 695142 = 397224 \times 422793 & \diamond 253476 \times 674352 = 385344 \times 443583 \\
\diamond 241926 \times 629142 = 372804 \times 408273 & \diamond 253483 \times 384352 = 276253 \times 352672 \\
\diamond 242316 \times 613242 = 350424 \times 424053 & \diamond 253584 \times 485352 = 277344 \times 443772 \\
\diamond 242328 \times 823242 = 424074 \times 470424 & \diamond 253596 \times 695352 = 397344 \times 443793 \\
\diamond 242556 \times 655242 = 374424 \times 424473 & \diamond 254126 \times 621452 = 343064 \times 460343 \\
\diamond 242568 \times 865242 = 424494 \times 494424 & \diamond 254248 \times 842452 = 460564 \times 465064 \\
\diamond 242676 \times 676242 = 386424 \times 424683 & \diamond 254296 \times 692452 = 278236 \times 632872 \\
\diamond 242796 \times 697242 = 398424 \times 424893 & \diamond 254316 \times 613452 = 350544 \times 445053 \\
\diamond 243146 \times 641342 = 354044 \times 440453 & \diamond 254328 \times 823452 = 445074 \times 470544 \\
\diamond 243268 \times 862342 = 440674 \times 476044 & \diamond 254556 \times 655452 = 374544 \times 445473 \\
\diamond 243528 \times 825342 = 426174 \times 471624 & \diamond 254568 \times 865452 = 445494 \times 494544 \\
\diamond 243739 \times 937342 = 351946 \times 649153 & \diamond 254669 \times 966452 = 362876 \times 678263 \\
\diamond 243744 \times 447342 = 255624 \times 426552 & \diamond 254676 \times 676452 = 386544 \times 445683 \\
\diamond 243768 \times 867342 = 426594 \times 495624 & \diamond 254796 \times 697452 = 398544 \times 445893
\end{array}$$

$$\begin{array}{ll}
\diamond 255468 \times 864552 = 462774 \times 477264 & \diamond 264276 \times 672462 = 384264 \times 462483 \\
\diamond 255516 \times 615552 = 351744 \times 447153 & \diamond 264384 \times 483462 = 276264 \times 462672 \\
\diamond 255528 \times 825552 = 447174 \times 471744 & \diamond 265106 \times 601562 = 332084 \times 480233 \\
\diamond 255576 \times 675552 = 355584 \times 485553 & \diamond 265228 \times 822562 = 454084 \times 480454 \\
\diamond 255636 \times 636552 = 363744 \times 447363 & \diamond 265236 \times 632562 = 361464 \times 464163 \\
\diamond 255648 \times 846552 = 447384 \times 483744 & \diamond 265248 \times 842562 = 464184 \times 481464 \\
\diamond 255756 \times 657552 = 375744 \times 447573 & \diamond 265356 \times 653562 = 373464 \times 464373 \\
\diamond 255768 \times 867552 = 447594 \times 495744 & \diamond 265368 \times 863562 = 464394 \times 493464 \\
\diamond 255808 \times 808552 = 429184 \times 481924 & \diamond 265476 \times 674562 = 385464 \times 464583 \\
\diamond 255864 \times 468552 = 267744 \times 447762 & \diamond 265584 \times 485562 = 277464 \times 464772 \\
\diamond 255876 \times 678552 = 387744 \times 447783 & \diamond 265596 \times 695562 = 397464 \times 464793 \\
\diamond 255984 \times 489552 = 279744 \times 447972 & \diamond 265816 \times 618562 = 383824 \times 428383 \\
\diamond 255996 \times 699552 = 399744 \times 447993 & \diamond 266316 \times 613662 = 350664 \times 466053 \\
\diamond 256566 \times 665652 = 367464 \times 464763 & \diamond 266326 \times 623662 = 344284 \times 482443 \\
\diamond 256608 \times 806652 = 449064 \times 460944 & \diamond 266328 \times 823662 = 466074 \times 470664 \\
\diamond 256688 \times 886652 = 464984 \times 489464 & \diamond 266556 \times 655662 = 374664 \times 466473 \\
\diamond 256716 \times 617652 = 352944 \times 449253 & \diamond 266568 \times 865662 = 466494 \times 494664 \\
\diamond 256728 \times 827652 = 449274 \times 472944 & \diamond 266676 \times 676662 = 386664 \times 466683 \\
\diamond 256766 \times 667652 = 365864 \times 468563 & \diamond 266796 \times 697662 = 398664 \times 466893 \\
\diamond 256816 \times 618652 = 328384 \times 483823 & \diamond 267516 \times 615762 = 351864 \times 468153 \\
\diamond 256836 \times 638652 = 364944 \times 449463 & \diamond 267528 \times 825762 = 468174 \times 471864 \\
\diamond 256848 \times 848652 = 449484 \times 484944 & \diamond 267546 \times 645762 = 356484 \times 484653 \\
\diamond 256956 \times 659652 = 376944 \times 449673 & \diamond 267636 \times 636762 = 363864 \times 468363 \\
\diamond 256968 \times 869652 = 449694 \times 496944 & \diamond 267648 \times 846762 = 468384 \times 483864 \\
\diamond 257416 \times 614752 = 358144 \times 441853 & \diamond 267668 \times 866762 = 478484 \times 484874 \\
\diamond 257439 \times 934752 = 358176 \times 671853 & \diamond 267756 \times 657762 = 375864 \times 468573 \\
\diamond 257646 \times 646752 = 358464 \times 464853 & \diamond 267768 \times 867762 = 468594 \times 495864 \\
\diamond 257669 \times 966752 = 358496 \times 694853 & \diamond 267786 \times 687762 = 376884 \times 488673 \\
\diamond 257786 \times 687752 = 379664 \times 466973 & \diamond 267876 \times 678762 = 387864 \times 468783 \\
\diamond 257876 \times 678752 = 358784 \times 487853 & \diamond 267996 \times 699762 = 399864 \times 468993 \\
\diamond 257936 \times 639752 = 339584 \times 485933 & \diamond 268766 \times 667862 = 368684 \times 486863 \\
\diamond 258884 \times 488852 = 269864 \times 468962 & \diamond 273039 \times 930372 = 390156 \times 651093 \\
\diamond 260156 \times 651062 = 273026 \times 620372 & \diamond 273286 \times 682372 = 286156 \times 651682 \\
\diamond 261456 \times 654162 = 274326 \times 623472 & \diamond 274339 \times 933472 = 391456 \times 654193 \\
\diamond 261586 \times 685162 = 287326 \times 623782 & \diamond 275076 \times 670572 = 383184 \times 481383 \\
\diamond 263076 \times 670362 = 383064 \times 460383 & \diamond 275196 \times 691572 = 395184 \times 481593 \\
\diamond 263169 \times 961362 = 370386 \times 683073 & \diamond 275406 \times 604572 = 392424 \times 424293 \\
\diamond 263184 \times 481362 = 275064 \times 460572 & \diamond 276036 \times 630672 = 360384 \times 483063 \\
\diamond 263196 \times 691362 = 395064 \times 460593 & \diamond 276046 \times 640672 = 384064 \times 460483 \\
\diamond 264156 \times 651462 = 372264 \times 462273 & \diamond 276048 \times 840672 = 480384 \times 483084 \\
\diamond 264168 \times 861462 = 462294 \times 492264 & \diamond 276069 \times 960672 = 384096 \times 690483
\end{array}$$

$$\begin{array}{ll}
\diamond 276156 \times 651672 = 372384 \times 483273 & \diamond 317768 \times 867713 = 417956 \times 659714 \\
\diamond 276168 \times 861672 = 483294 \times 492384 & \diamond 318364 \times 463813 = 343924 \times 429343 \\
\diamond 276276 \times 672672 = 384384 \times 483483 & \diamond 318546 \times 645813 = 327726 \times 627723 \\
\diamond 276396 \times 693672 = 396384 \times 483693 & \diamond 318648 \times 846813 = 429726 \times 627924 \\
\diamond 277236 \times 632772 = 361584 \times 485163 & \diamond 319566 \times 665913 = 337926 \times 629733 \\
\diamond 277248 \times 842772 = 481584 \times 485184 & \diamond 319668 \times 866913 = 439926 \times 629934 \\
\diamond 277356 \times 653772 = 373584 \times 485373 & \diamond 322494 \times 494223 = 386214 \times 412683 \\
\diamond 277368 \times 863772 = 485394 \times 493584 & \diamond 324128 \times 821423 = 436016 \times 610634 \\
\diamond 277476 \times 674772 = 385584 \times 485583 & \diamond 325248 \times 842523 = 447216 \times 612744 \\
\diamond 277596 \times 695772 = 397584 \times 485793 & \diamond 326256 \times 652623 = 346416 \times 614643 \\
\diamond 277736 \times 637772 = 395744 \times 447593 & \diamond 326368 \times 863623 = 458416 \times 614854 \\
\diamond 278316 \times 613872 = 350784 \times 487053 & \diamond 326968 \times 869623 = 418876 \times 678814 \\
\diamond 278328 \times 823872 = 470784 \times 487074 & \diamond 327376 \times 673723 = 357616 \times 616753 \\
\diamond 278556 \times 655872 = 374784 \times 487473 & \diamond 327488 \times 884723 = 469616 \times 616964 \\
\diamond 278568 \times 865872 = 487494 \times 494784 & \diamond 328496 \times 694823 = 368816 \times 618863 \\
\diamond 278576 \times 675872 = 387584 \times 485783 & \diamond 329169 \times 961923 = 349509 \times 905943 \\
\diamond 278676 \times 676872 = 386784 \times 487683 & \diamond 329766 \times 667923 = 338946 \times 649833 \\
\diamond 278796 \times 697872 = 398784 \times 487893 & \diamond 334828 \times 828433 = 455806 \times 608554 \\
\diamond 279516 \times 615972 = 351984 \times 489153 & \diamond 335328 \times 823533 = 437136 \times 631734 \\
\diamond 279528 \times 825972 = 471984 \times 489174 & \diamond 337294 \times 492733 = 361954 \times 459163 \\
\diamond 279636 \times 636972 = 363984 \times 489363 & \diamond 337568 \times 865733 = 459536 \times 635954 \\
\diamond 279648 \times 846972 = 483984 \times 489384 & \diamond 343186 \times 681343 = 376126 \times 621673 \\
\diamond 279756 \times 657972 = 375984 \times 489573 & \diamond 345408 \times 804543 = 427056 \times 650724 \\
\diamond 279768 \times 867972 = 489594 \times 495984 & \diamond 347648 \times 846743 = 449456 \times 654944 \\
\diamond 279876 \times 678972 = 387984 \times 489783 & \diamond 349776 \times 677943 = 359856 \times 658953 \\
\diamond 279996 \times 699972 = 399984 \times 489993 & \diamond 350328 \times 823053 = 470316 \times 613074 \\
\diamond 280168 \times 861082 = 294028 \times 820492 & \diamond 350436 \times 634053 = 362316 \times 613263 \\
\diamond 281568 \times 865182 = 295428 \times 824592 & \diamond 350448 \times 844053 = 482316 \times 613284 \\
\diamond 287339 \times 933782 = 391586 \times 685193 & \diamond 350556 \times 655053 = 374316 \times 613473 \\
\diamond 299259 \times 952992 = 407007 \times 700704 & \diamond 350568 \times 865053 = 494316 \times 613494 \\
\diamond 307154 \times 451703 = 331814 \times 418133 & \diamond 350676 \times 676053 = 386316 \times 613683 \\
\diamond 307326 \times 623703 = 316506 \times 605613 & \diamond 350796 \times 697053 = 398316 \times 613893 \\
\diamond 307428 \times 824703 = 418506 \times 605814 & \diamond 351528 \times 825153 = 471516 \times 615174 \\
\diamond 307556 \times 655703 = 315836 \times 638513 & \diamond 351768 \times 867153 = 495516 \times 615594 \\
\diamond 308346 \times 643803 = 326706 \times 607623 & \diamond 352608 \times 806253 = 460716 \times 617064 \\
\diamond 308448 \times 844803 = 428706 \times 607824 & \diamond 352728 \times 827253 = 472716 \times 617274 \\
\diamond 313384 \times 483313 = 375304 \times 403573 & \diamond 352836 \times 638253 = 364716 \times 617463 \\
\diamond 316608 \times 806613 = 409326 \times 623904 & \diamond 352848 \times 848253 = 484716 \times 617484 \\
\diamond 316848 \times 848613 = 408756 \times 657804 & \diamond 352956 \times 659253 = 376716 \times 617673 \\
\diamond 317628 \times 826713 = 419526 \times 625914 & \diamond 352968 \times 869253 = 496716 \times 617694 \\
\diamond 317676 \times 676713 = 325956 \times 659523 & \diamond 353808 \times 808353 = 461916 \times 619164
\end{array}$$

$\diamond 353928 \times 829353 = 473916 \times 619374$
 $\diamond 354288 \times 882453 = 487146 \times 641784$
 $\diamond 355386 \times 683553 = 377346 \times 643773$
 $\diamond 356608 \times 806653 = 428176 \times 671824$
 $\diamond 357069 \times 960753 = 368139 \times 931863$
 $\diamond 357728 \times 827753 = 439376 \times 673934$
 $\diamond 360156 \times 651063 = 372036 \times 630273$
 $\diamond 360168 \times 861063 = 492036 \times 630294$
 $\diamond 360276 \times 672063 = 384036 \times 630483$
 $\diamond 361356 \times 653163 = 373236 \times 632373$
 $\diamond 361368 \times 863163 = 493236 \times 632394$
 $\diamond 361476 \times 674163 = 385236 \times 632583$
 $\diamond 361596 \times 695163 = 397236 \times 632793$
 $\diamond 362328 \times 823263 = 470436 \times 634074$
 $\diamond 362556 \times 655263 = 374436 \times 634473$
 $\diamond 362568 \times 865263 = 494436 \times 634494$
 $\diamond 362676 \times 676263 = 386436 \times 634683$
 $\diamond 362796 \times 697263 = 398436 \times 634893$
 $\diamond 363528 \times 825363 = 471636 \times 636174$
 $\diamond 363768 \times 867363 = 495636 \times 636594$
 $\diamond 364956 \times 659463 = 376836 \times 638673$
 $\diamond 365268 \times 862563 = 476166 \times 661674$
 $\diamond 367808 \times 808763 = 429296 \times 692924$
 $\diamond 372048 \times 840273 = 480156 \times 651084$
 $\diamond 372168 \times 861273 = 492156 \times 651294$
 $\diamond 372276 \times 672273 = 384156 \times 651483$
 $\diamond 372396 \times 693273 = 396156 \times 651693$
 $\diamond 373248 \times 842373 = 481356 \times 653184$
 $\diamond 373368 \times 863373 = 493356 \times 653394$
 $\diamond 373476 \times 674373 = 385356 \times 653583$
 $\diamond 374328 \times 823473 = 470556 \times 655074$
 $\diamond 374448 \times 844473 = 482556 \times 655284$
 $\diamond 374568 \times 865473 = 494556 \times 655494$
 $\diamond 374676 \times 676473 = 386556 \times 655683$
 $\diamond 374796 \times 697473 = 398556 \times 655893$
 $\diamond 375528 \times 825573 = 471756 \times 657174$
 $\diamond 375768 \times 867573 = 495756 \times 657594$
 $\diamond 376248 \times 842673 = 465186 \times 681564$
 $\diamond 376608 \times 806673 = 460956 \times 659064$
 $\diamond 376728 \times 827673 = 472956 \times 659274$
 $\diamond 376848 \times 848673 = 484956 \times 659484$

$\diamond 376968 \times 869673 = 496956 \times 659694$
 $\diamond 378688 \times 886873 = 489586 \times 685984$
 $\diamond 383028 \times 820383 = 490146 \times 641094$
 $\diamond 383196 \times 691383 = 395076 \times 670593$
 $\diamond 384048 \times 840483 = 480276 \times 672084$
 $\diamond 384168 \times 861483 = 492276 \times 672294$
 $\diamond 384396 \times 693483 = 396276 \times 672693$
 $\diamond 385248 \times 842583 = 481476 \times 674184$
 $\diamond 385368 \times 863583 = 493476 \times 674394$
 $\diamond 385596 \times 695583 = 397476 \times 674793$
 $\diamond 386328 \times 823683 = 470676 \times 676074$
 $\diamond 386448 \times 844683 = 482676 \times 676284$
 $\diamond 386568 \times 865683 = 494676 \times 676494$
 $\diamond 387528 \times 825783 = 471876 \times 678174$
 $\diamond 387768 \times 867783 = 495876 \times 678594$
 $\diamond 396168 \times 861693 = 492396 \times 693294$
 $\diamond 397248 \times 842793 = 481596 \times 695184$
 $\diamond 397368 \times 863793 = 493596 \times 695394$
 $\diamond 398328 \times 823893 = 470796 \times 697074$
 $\diamond 398448 \times 844893 = 482796 \times 697284$
 $\diamond 398568 \times 865893 = 494796 \times 697494$
 $\diamond 399528 \times 825993 = 471996 \times 699174$
 $\diamond 399768 \times 867993 = 495996 \times 699594$
 $\diamond 405166 \times 661504 = 420736 \times 637024$
 $\diamond 408436 \times 634804 = 426706 \times 607624$
 $\diamond 408456 \times 654804 = 424926 \times 629424$
 $\diamond 408639 \times 936804 = 607926 \times 629706$
 $\diamond 409428 \times 824904 = 418608 \times 806814$
 $\diamond 409546 \times 645904 = 426916 \times 619624$
 $\diamond 409739 \times 937904 = 619916 \times 619916$
 $\diamond 422196 \times 691224 = 485106 \times 601584$
 $\diamond 424369 \times 963424 = 612766 \times 667216$
 $\diamond 424509 \times 905424 = 618126 \times 621816$
 $\diamond 426376 \times 673624 = 466516 \times 615664$
 $\diamond 426599 \times 995624 = 615986 \times 689516$
 $\diamond 426939 \times 939624 = 609756 \times 657906$
 $\diamond 427168 \times 861724 = 457408 \times 804754$
 $\diamond 428288 \times 882824 = 468608 \times 806864$
 $\diamond 428556 \times 655824 = 447726 \times 627744$
 $\diamond 438368 \times 863834 = 458528 \times 825854$
 $\diamond 439488 \times 884934 = 469728 \times 827964$

$$\begin{array}{ll}
\diamond 441439 \times 934144 = 614176 \times 671416 & \diamond 470568 \times 865074 = 494328 \times 823494 \\
\diamond 443399 \times 993344 = 631796 \times 697136 & \diamond 471648 \times 846174 = 483528 \times 825384 \\
\diamond 443509 \times 905344 = 617056 \times 650716 & \diamond 471768 \times 867174 = 495528 \times 825594 \\
\diamond 443739 \times 937344 = 617376 \times 673716 & \diamond 480168 \times 861084 = 492048 \times 840294 \\
\diamond 443946 \times 649344 = 466716 \times 617664 & \diamond 481368 \times 863184 = 493248 \times 842394 \\
\diamond 443969 \times 969344 = 617696 \times 696716 & \diamond 482568 \times 865284 = 494448 \times 844494 \\
\diamond 444439 \times 934444 = 641746 \times 647146 & \diamond 483069 \times 960384 = 672096 \times 690276 \\
\diamond 445068 \times 860544 = 466128 \times 821664 & \diamond 483768 \times 867384 = 495648 \times 846594 \\
\diamond 445496 \times 694544 = 487436 \times 634784 & \diamond 485339 \times 933584 = 655196 \times 691556 \\
\diamond 460276 \times 672064 = 483046 \times 640384 & \diamond 485369 \times 963584 = 675296 \times 692576 \\
\diamond 461928 \times 829164 = 473808 \times 808374 & \diamond 487439 \times 934784 = 671876 \times 678176 \\
\diamond 462186 \times 681264 = 484056 \times 650484 & \diamond 616248 \times 842616 = 645408 \times 804546 \\
\diamond 462576 \times 675264 = 485346 \times 643584 & \diamond 618339 \times 933816 = 637509 \times 905736 \\
\diamond 464369 \times 963464 = 661676 \times 676166 & \diamond 619488 \times 884916 = 677808 \times 808776 \\
\diamond 464439 \times 934464 = 646176 \times 671646 & \diamond 627299 \times 992726 = 687509 \times 905786 \\
\diamond 464509 \times 905464 = 627076 \times 670726 & \diamond 649599 \times 995946 = 689739 \times 937986 \\
\diamond 470448 \times 844074 = 482328 \times 823284 &
\end{array}$$

2.3 Equal Digits Multiplicative Selfie Equalities

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

$$\begin{array}{lll}
\diamond 12 \times 42 = 21 \times 24 & \diamond 102 \times 603 = 201 \times 306 & \diamond 112 \times 633 = 211 \times 336 \\
\diamond 12 \times 63 = 21 \times 36 & \diamond 102 \times 735 = 210 \times 357 & \diamond 112 \times 726 = 121 \times 672 \\
\diamond 12 \times 84 = 21 \times 48 & \diamond 102 \times 804 = 201 \times 408 & \diamond 112 \times 844 = 211 \times 448 \\
\diamond 13 \times 62 = 31 \times 26 & \diamond 102 \times 945 = 210 \times 459 & \diamond 112 \times 847 = 121 \times 784 \\
\diamond 13 \times 93 = 31 \times 39 & \diamond 103 \times 602 = 301 \times 206 & \diamond 112 \times 968 = 121 \times 896 \\
\diamond 14 \times 82 = 41 \times 28 & \diamond 103 \times 903 = 301 \times 309 & \diamond 113 \times 262 = 131 \times 226 \\
\diamond 23 \times 64 = 32 \times 46 & \diamond 104 \times 615 = 410 \times 156 & \diamond 113 \times 393 = 131 \times 339 \\
\diamond 23 \times 96 = 32 \times 69 & \diamond 104 \times 802 = 401 \times 208 & \diamond 113 \times 524 = 131 \times 452 \\
\diamond 24 \times 63 = 42 \times 36 & \diamond 105 \times 612 = 510 \times 126 & \diamond 113 \times 622 = 311 \times 226 \\
\diamond 24 \times 84 = 42 \times 48 & \diamond 105 \times 714 = 510 \times 147 & \diamond 113 \times 655 = 131 \times 565 \\
\diamond 26 \times 93 = 62 \times 39 & \diamond 105 \times 816 = 510 \times 168 & \diamond 113 \times 786 = 131 \times 678 \\
\diamond 34 \times 86 = 43 \times 68 & \diamond 105 \times 918 = 510 \times 189 & \diamond 113 \times 917 = 131 \times 791 \\
\diamond 36 \times 84 = 63 \times 48 & \diamond 106 \times 915 = 610 \times 159 & \diamond 113 \times 933 = 311 \times 339 \\
\diamond 46 \times 96 = 64 \times 69 & \diamond 112 \times 242 = 121 \times 224 & \diamond 114 \times 282 = 141 \times 228 \\
& \diamond 112 \times 363 = 121 \times 336 & \diamond 114 \times 423 = 141 \times 342 \\
\diamond 102 \times 315 = 210 \times 153 & \diamond 112 \times 422 = 211 \times 224 & \diamond 114 \times 564 = 141 \times 456 \\
\diamond 102 \times 402 = 201 \times 204 & \diamond 112 \times 484 = 121 \times 448 & \diamond 114 \times 705 = 141 \times 570 \\
\diamond 102 \times 525 = 210 \times 255 & \diamond 112 \times 605 = 121 \times 560 & \diamond 114 \times 822 = 411 \times 228
\end{array}$$

$\diamond 114 \times 846 = 141 \times 684$	$\diamond 123 \times 462 = 231 \times 246$	$\diamond 132 \times 642 = 321 \times 264$
$\diamond 114 \times 987 = 141 \times 798$	$\diamond 123 \times 520 = 312 \times 205$	$\diamond 132 \times 693 = 231 \times 396$
$\diamond 115 \times 302 = 151 \times 230$	$\diamond 123 \times 624 = 312 \times 246$	$\diamond 132 \times 852 = 213 \times 528$
$\diamond 115 \times 453 = 151 \times 345$	$\diamond 123 \times 639 = 213 \times 369$	$\diamond 132 \times 936 = 312 \times 396$
$\diamond 115 \times 604 = 151 \times 460$	$\diamond 123 \times 642 = 321 \times 246$	$\diamond 132 \times 963 = 321 \times 396$
$\diamond 115 \times 755 = 151 \times 575$	$\diamond 123 \times 693 = 231 \times 369$	$\diamond 133 \times 626 = 313 \times 266$
$\diamond 115 \times 906 = 151 \times 690$	$\diamond 123 \times 728 = 312 \times 287$	$\diamond 133 \times 662 = 331 \times 266$
$\diamond 116 \times 322 = 161 \times 232$	$\diamond 123 \times 832 = 312 \times 328$	$\diamond 133 \times 939 = 313 \times 399$
$\diamond 116 \times 483 = 161 \times 348$	$\diamond 123 \times 924 = 231 \times 492$	$\diamond 133 \times 993 = 331 \times 399$
$\diamond 116 \times 644 = 161 \times 464$	$\diamond 123 \times 936 = 312 \times 369$	$\diamond 134 \times 286 = 143 \times 268$
$\diamond 116 \times 805 = 161 \times 580$	$\diamond 123 \times 963 = 321 \times 369$	$\diamond 134 \times 596 = 149 \times 536$
$\diamond 116 \times 966 = 161 \times 696$	$\diamond 124 \times 284 = 142 \times 248$	$\diamond 134 \times 628 = 314 \times 268$
$\diamond 117 \times 342 = 171 \times 234$	$\diamond 124 \times 428 = 214 \times 248$	$\diamond 134 \times 682 = 341 \times 268$
$\diamond 117 \times 513 = 171 \times 351$	$\diamond 124 \times 482 = 241 \times 248$	$\diamond 134 \times 826 = 413 \times 268$
$\diamond 117 \times 684 = 171 \times 468$	$\diamond 124 \times 515 = 412 \times 155$	$\diamond 134 \times 862 = 431 \times 268$
$\diamond 117 \times 855 = 171 \times 585$	$\diamond 124 \times 618 = 412 \times 186$	$\diamond 135 \times 702 = 351 \times 270$
$\diamond 118 \times 362 = 181 \times 236$	$\diamond 124 \times 721 = 412 \times 217$	$\diamond 135 \times 765 = 153 \times 675$
$\diamond 118 \times 543 = 181 \times 354$	$\diamond 124 \times 723 = 241 \times 372$	$\diamond 136 \times 722 = 361 \times 272$
$\diamond 118 \times 724 = 181 \times 472$	$\diamond 124 \times 824 = 412 \times 248$	$\diamond 137 \times 742 = 371 \times 274$
$\diamond 118 \times 905 = 181 \times 590$	$\diamond 124 \times 842 = 421 \times 248$	$\diamond 137 \times 865 = 173 \times 685$
$\diamond 119 \times 382 = 191 \times 238$	$\diamond 124 \times 927 = 412 \times 279$	$\diamond 138 \times 762 = 381 \times 276$
$\diamond 119 \times 573 = 191 \times 357$	$\diamond 124 \times 964 = 241 \times 496$	$\diamond 139 \times 782 = 391 \times 278$
$\diamond 119 \times 764 = 191 \times 476$	$\diamond 125 \times 502 = 251 \times 250$	$\diamond 139 \times 965 = 193 \times 695$
$\diamond 119 \times 955 = 191 \times 595$	$\diamond 125 \times 753 = 251 \times 375$	$\diamond 141 \times 822 = 411 \times 282$
$\diamond 121 \times 422 = 211 \times 242$	$\diamond 126 \times 522 = 261 \times 252$	$\diamond 142 \times 321 = 214 \times 213$
$\diamond 121 \times 633 = 211 \times 363$	$\diamond 126 \times 714 = 612 \times 147$	$\diamond 142 \times 428 = 214 \times 284$
$\diamond 121 \times 844 = 211 \times 484$	$\diamond 126 \times 783 = 261 \times 378$	$\diamond 142 \times 482 = 241 \times 284$
$\diamond 122 \times 318 = 212 \times 183$	$\diamond 126 \times 816 = 612 \times 168$	$\diamond 142 \times 535 = 214 \times 355$
$\diamond 122 \times 424 = 212 \times 244$	$\diamond 126 \times 918 = 612 \times 189$	$\diamond 142 \times 642 = 214 \times 426$
$\diamond 122 \times 442 = 221 \times 244$	$\diamond 127 \times 542 = 271 \times 254$	$\diamond 142 \times 749 = 214 \times 497$
$\diamond 122 \times 530 = 212 \times 305$	$\diamond 127 \times 813 = 271 \times 381$	$\diamond 142 \times 824 = 412 \times 284$
$\diamond 122 \times 636 = 212 \times 366$	$\diamond 128 \times 562 = 281 \times 256$	$\diamond 142 \times 842 = 421 \times 284$
$\diamond 122 \times 663 = 221 \times 366$	$\diamond 128 \times 843 = 281 \times 384$	$\diamond 142 \times 856 = 214 \times 568$
$\diamond 122 \times 742 = 212 \times 427$	$\diamond 129 \times 582 = 291 \times 258$	$\diamond 142 \times 963 = 214 \times 639$
$\diamond 122 \times 848 = 212 \times 488$	$\diamond 129 \times 873 = 291 \times 387$	$\diamond 143 \times 628 = 314 \times 286$
$\diamond 122 \times 884 = 221 \times 488$	$\diamond 131 \times 622 = 311 \times 262$	$\diamond 143 \times 682 = 341 \times 286$
$\diamond 122 \times 954 = 212 \times 549$	$\diamond 131 \times 933 = 311 \times 393$	$\diamond 143 \times 826 = 413 \times 286$
$\diamond 123 \times 264 = 132 \times 246$	$\diamond 132 \times 426 = 213 \times 264$	$\diamond 143 \times 862 = 431 \times 286$
$\diamond 123 \times 396 = 132 \times 369$	$\diamond 132 \times 462 = 231 \times 264$	$\diamond 143 \times 942 = 314 \times 429$
$\diamond 123 \times 416 = 312 \times 164$	$\diamond 132 \times 624 = 312 \times 264$	$\diamond 144 \times 621 = 414 \times 216$
$\diamond 123 \times 426 = 213 \times 246$	$\diamond 132 \times 639 = 213 \times 396$	$\diamond 144 \times 828 = 414 \times 288$

- | | | |
|-------------------------------------|-------------------------------------|-------------------------------------|
| ◇ $144 \times 882 = 441 \times 288$ | ◇ $164 \times 936 = 416 \times 369$ | ◇ $204 \times 945 = 420 \times 459$ |
| ◇ $145 \times 602 = 215 \times 406$ | ◇ $166 \times 924 = 616 \times 249$ | ◇ $205 \times 624 = 520 \times 246$ |
| ◇ $145 \times 902 = 451 \times 290$ | ◇ $168 \times 918 = 189 \times 816$ | ◇ $205 \times 728 = 520 \times 287$ |
| ◇ $145 \times 913 = 415 \times 319$ | ◇ $169 \times 735 = 195 \times 637$ | ◇ $205 \times 832 = 520 \times 328$ |
| ◇ $146 \times 921 = 614 \times 219$ | ◇ $172 \times 434 = 217 \times 344$ | ◇ $205 \times 936 = 520 \times 369$ |
| ◇ $146 \times 922 = 461 \times 292$ | ◇ $172 \times 651 = 217 \times 516$ | ◇ $206 \times 903 = 602 \times 309$ |
| ◇ $147 \times 816 = 714 \times 168$ | ◇ $172 \times 868 = 217 \times 688$ | ◇ $212 \times 442 = 221 \times 424$ |
| ◇ $147 \times 918 = 714 \times 189$ | ◇ $173 \times 634 = 317 \times 346$ | ◇ $212 \times 663 = 221 \times 636$ |
| ◇ $147 \times 942 = 471 \times 294$ | ◇ $173 \times 951 = 317 \times 519$ | ◇ $212 \times 884 = 221 \times 848$ |
| ◇ $148 \times 962 = 481 \times 296$ | ◇ $174 \times 834 = 417 \times 348$ | ◇ $213 \times 428 = 321 \times 284$ |
| ◇ $149 \times 982 = 491 \times 298$ | ◇ $179 \times 985 = 197 \times 895$ | ◇ $213 \times 462 = 231 \times 426$ |
| ◇ $152 \times 430 = 215 \times 304$ | ◇ $182 \times 327 = 218 \times 273$ | ◇ $213 \times 535 = 321 \times 355$ |
| ◇ $152 \times 645 = 215 \times 456$ | ◇ $182 \times 436 = 218 \times 364$ | ◇ $213 \times 624 = 312 \times 426$ |
| ◇ $152 \times 860 = 215 \times 608$ | ◇ $182 \times 545 = 218 \times 455$ | ◇ $213 \times 642 = 321 \times 426$ |
| ◇ $153 \times 420 = 315 \times 204$ | ◇ $182 \times 654 = 218 \times 546$ | ◇ $213 \times 693 = 231 \times 639$ |
| ◇ $153 \times 525 = 315 \times 255$ | ◇ $182 \times 763 = 218 \times 637$ | ◇ $213 \times 749 = 321 \times 497$ |
| ◇ $153 \times 630 = 315 \times 306$ | ◇ $182 \times 872 = 218 \times 728$ | ◇ $213 \times 856 = 321 \times 568$ |
| ◇ $153 \times 735 = 315 \times 357$ | ◇ $182 \times 981 = 218 \times 819$ | ◇ $213 \times 936 = 312 \times 639$ |
| ◇ $153 \times 840 = 315 \times 408$ | ◇ $183 \times 424 = 318 \times 244$ | ◇ $213 \times 963 = 321 \times 639$ |
| ◇ $153 \times 945 = 315 \times 459$ | ◇ $183 \times 530 = 318 \times 305$ | ◇ $214 \times 482 = 241 \times 428$ |
| ◇ $154 \times 830 = 415 \times 308$ | ◇ $183 \times 636 = 318 \times 366$ | ◇ $214 \times 824 = 412 \times 428$ |
| ◇ $155 \times 618 = 515 \times 186$ | ◇ $183 \times 742 = 318 \times 427$ | ◇ $214 \times 842 = 421 \times 428$ |
| ◇ $155 \times 721 = 515 \times 217$ | ◇ $183 \times 848 = 318 \times 488$ | ◇ $216 \times 828 = 621 \times 288$ |
| ◇ $155 \times 824 = 515 \times 248$ | ◇ $183 \times 954 = 318 \times 549$ | ◇ $217 \times 824 = 721 \times 248$ |
| ◇ $155 \times 927 = 515 \times 279$ | ◇ $184 \times 627 = 418 \times 276$ | ◇ $217 \times 927 = 721 \times 279$ |
| ◇ $156 \times 820 = 615 \times 208$ | ◇ $184 \times 836 = 418 \times 368$ | ◇ $223 \times 464 = 232 \times 446$ |
| ◇ $157 \times 875 = 175 \times 785$ | ◇ $186 \times 721 = 618 \times 217$ | ◇ $223 \times 644 = 322 \times 446$ |
| ◇ $159 \times 975 = 195 \times 795$ | ◇ $186 \times 824 = 618 \times 248$ | ◇ $223 \times 696 = 232 \times 669$ |
| ◇ $162 \times 324 = 216 \times 243$ | ◇ $186 \times 927 = 618 \times 279$ | ◇ $223 \times 928 = 232 \times 892$ |
| ◇ $162 \times 432 = 216 \times 324$ | ◇ $192 \times 438 = 219 \times 384$ | ◇ $223 \times 966 = 322 \times 669$ |
| ◇ $162 \times 540 = 216 \times 405$ | ◇ $192 \times 657 = 219 \times 576$ | ◇ $224 \times 363 = 242 \times 336$ |
| ◇ $162 \times 648 = 216 \times 486$ | ◇ $192 \times 876 = 219 \times 768$ | ◇ $224 \times 484 = 242 \times 448$ |
| ◇ $162 \times 756 = 216 \times 567$ | ◇ $193 \times 638 = 319 \times 386$ | ◇ $224 \times 605 = 242 \times 560$ |
| ◇ $162 \times 864 = 216 \times 648$ | ◇ $193 \times 957 = 319 \times 579$ | ◇ $224 \times 633 = 422 \times 336$ |
| ◇ $162 \times 972 = 216 \times 729$ | ◇ $194 \times 838 = 419 \times 388$ | ◇ $224 \times 726 = 242 \times 672$ |
| ◇ $163 \times 632 = 316 \times 326$ | ◇ $203 \times 604 = 302 \times 406$ | ◇ $224 \times 844 = 422 \times 448$ |
| ◇ $163 \times 948 = 316 \times 489$ | ◇ $203 \times 906 = 302 \times 609$ | ◇ $224 \times 847 = 242 \times 784$ |
| ◇ $164 \times 520 = 416 \times 205$ | ◇ $204 \times 525 = 420 \times 255$ | ◇ $224 \times 968 = 242 \times 896$ |
| ◇ $164 \times 624 = 416 \times 246$ | ◇ $204 \times 603 = 402 \times 306$ | ◇ $225 \times 504 = 252 \times 450$ |
| ◇ $164 \times 728 = 416 \times 287$ | ◇ $204 \times 735 = 420 \times 357$ | ◇ $225 \times 756 = 252 \times 675$ |
| ◇ $164 \times 832 = 416 \times 328$ | ◇ $204 \times 804 = 402 \times 408$ | ◇ $226 \times 393 = 262 \times 339$ |

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

$\diamond 294 \times 858 = 429 \times 588$	$\diamond 339 \times 786 = 393 \times 678$	$\diamond 364 \times 872 = 436 \times 728$
$\diamond 304 \times 645 = 430 \times 456$	$\diamond 339 \times 917 = 393 \times 791$	$\diamond 364 \times 981 = 436 \times 819$
$\diamond 304 \times 806 = 403 \times 608$	$\diamond 341 \times 826 = 413 \times 682$	$\diamond 366 \times 742 = 636 \times 427$
$\diamond 305 \times 636 = 530 \times 366$	$\diamond 341 \times 862 = 431 \times 682$	$\diamond 366 \times 848 = 636 \times 488$
$\diamond 305 \times 742 = 530 \times 427$	$\diamond 342 \times 564 = 423 \times 456$	$\diamond 366 \times 884 = 663 \times 488$
$\diamond 305 \times 848 = 530 \times 488$	$\diamond 342 \times 705 = 423 \times 570$	$\diamond 366 \times 954 = 636 \times 549$
$\diamond 305 \times 954 = 530 \times 549$	$\diamond 342 \times 846 = 423 \times 684$	$\diamond 369 \times 924 = 693 \times 492$
$\diamond 306 \times 735 = 630 \times 357$	$\diamond 342 \times 864 = 432 \times 684$	$\diamond 372 \times 964 = 723 \times 496$
$\diamond 306 \times 804 = 603 \times 408$	$\diamond 342 \times 987 = 423 \times 798$	$\diamond 374 \times 874 = 748 \times 437$
$\diamond 306 \times 945 = 630 \times 459$	$\diamond 343 \times 866 = 433 \times 686$	$\diamond 384 \times 657 = 438 \times 576$
$\diamond 306 \times 975 = 390 \times 765$	$\diamond 344 \times 651 = 434 \times 516$	$\diamond 384 \times 876 = 438 \times 768$
$\diamond 312 \times 642 = 321 \times 624$	$\diamond 344 \times 868 = 434 \times 688$	$\diamond 386 \times 957 = 638 \times 579$
$\diamond 312 \times 963 = 321 \times 936$	$\diamond 344 \times 886 = 443 \times 688$	$\diamond 386 \times 995 = 398 \times 965$
$\diamond 313 \times 662 = 331 \times 626$	$\diamond 345 \times 604 = 453 \times 460$	$\diamond 394 \times 878 = 439 \times 788$
$\diamond 313 \times 993 = 331 \times 939$	$\diamond 345 \times 755 = 453 \times 575$	$\diamond 396 \times 852 = 639 \times 528$
$\diamond 314 \times 682 = 341 \times 628$	$\diamond 345 \times 906 = 453 \times 690$	$\diamond 405 \times 648 = 540 \times 486$
$\diamond 314 \times 826 = 413 \times 628$	$\diamond 345 \times 957 = 435 \times 759$	$\diamond 405 \times 756 = 540 \times 567$
$\diamond 314 \times 862 = 431 \times 628$	$\diamond 346 \times 926 = 463 \times 692$	$\diamond 405 \times 864 = 540 \times 648$
$\diamond 323 \times 664 = 332 \times 646$	$\diamond 346 \times 951 = 634 \times 519$	$\diamond 405 \times 972 = 540 \times 729$
$\diamond 323 \times 996 = 332 \times 969$	$\diamond 347 \times 946 = 473 \times 694$	$\diamond 406 \times 906 = 604 \times 609$
$\diamond 324 \times 540 = 432 \times 405$	$\diamond 348 \times 644 = 483 \times 464$	$\diamond 408 \times 945 = 840 \times 459$
$\diamond 324 \times 684 = 342 \times 648$	$\diamond 348 \times 805 = 483 \times 580$	$\diamond 412 \times 842 = 421 \times 824$
$\diamond 324 \times 756 = 432 \times 567$	$\diamond 348 \times 966 = 483 \times 696$	$\diamond 413 \times 862 = 431 \times 826$
$\diamond 324 \times 846 = 423 \times 648$	$\diamond 349 \times 986 = 493 \times 698$	$\diamond 414 \times 882 = 441 \times 828$
$\diamond 324 \times 864 = 432 \times 648$	$\diamond 351 \times 684 = 513 \times 468$	$\diamond 423 \times 864 = 432 \times 846$
$\diamond 324 \times 972 = 432 \times 729$	$\diamond 351 \times 855 = 513 \times 585$	$\diamond 424 \times 663 = 442 \times 636$
$\diamond 326 \times 948 = 632 \times 489$	$\diamond 354 \times 724 = 543 \times 472$	$\diamond 424 \times 884 = 442 \times 848$
$\diamond 328 \times 936 = 832 \times 369$	$\diamond 354 \times 870 = 435 \times 708$	$\diamond 426 \times 693 = 462 \times 639$
$\diamond 334 \times 686 = 343 \times 668$	$\diamond 354 \times 905 = 543 \times 590$	$\diamond 426 \times 749 = 642 \times 497$
$\diamond 334 \times 866 = 433 \times 668$	$\diamond 355 \times 642 = 535 \times 426$	$\diamond 426 \times 856 = 642 \times 568$
$\diamond 335 \times 706 = 353 \times 670$	$\diamond 355 \times 749 = 535 \times 497$	$\diamond 426 \times 936 = 624 \times 639$
$\diamond 336 \times 484 = 363 \times 448$	$\diamond 355 \times 856 = 535 \times 568$	$\diamond 426 \times 963 = 642 \times 639$
$\diamond 336 \times 605 = 363 \times 560$	$\diamond 355 \times 963 = 535 \times 639$	$\diamond 427 \times 848 = 742 \times 488$
$\diamond 336 \times 726 = 363 \times 672$	$\diamond 357 \times 764 = 573 \times 476$	$\diamond 427 \times 954 = 742 \times 549$
$\diamond 336 \times 844 = 633 \times 448$	$\diamond 357 \times 840 = 735 \times 408$	$\diamond 434 \times 886 = 443 \times 868$
$\diamond 336 \times 847 = 363 \times 784$	$\diamond 357 \times 945 = 735 \times 459$	$\diamond 445 \times 908 = 454 \times 890$
$\diamond 336 \times 968 = 363 \times 896$	$\diamond 357 \times 955 = 573 \times 595$	$\diamond 446 \times 696 = 464 \times 669$
$\diamond 337 \times 746 = 373 \times 674$	$\diamond 363 \times 844 = 633 \times 484$	$\diamond 446 \times 928 = 464 \times 892$
$\diamond 338 \times 766 = 383 \times 676$	$\diamond 364 \times 545 = 436 \times 455$	$\diamond 446 \times 966 = 644 \times 669$
$\diamond 339 \times 524 = 393 \times 452$	$\diamond 364 \times 654 = 436 \times 546$	$\diamond 447 \times 948 = 474 \times 894$
$\diamond 339 \times 655 = 393 \times 565$	$\diamond 364 \times 763 = 436 \times 637$	$\diamond 448 \times 605 = 484 \times 560$

$\diamond 448 \times 726 = 484 \times 672$	$\diamond 466 \times 996 = 664 \times 699$	$\diamond 567 \times 972 = 756 \times 729$
$\diamond 448 \times 847 = 484 \times 784$	$\diamond 468 \times 855 = 684 \times 585$	$\diamond 568 \times 963 = 856 \times 639$
$\diamond 448 \times 968 = 484 \times 896$	$\diamond 472 \times 905 = 724 \times 590$	$\diamond 570 \times 846 = 705 \times 684$
$\diamond 449 \times 988 = 494 \times 898$	$\diamond 476 \times 955 = 764 \times 595$	$\diamond 570 \times 987 = 705 \times 798$
$\diamond 450 \times 756 = 504 \times 675$	$\diamond 486 \times 756 = 648 \times 567$	$\diamond 575 \times 906 = 755 \times 690$
$\diamond 452 \times 655 = 524 \times 565$	$\diamond 486 \times 864 = 648 \times 648$	$\diamond 576 \times 876 = 768 \times 657$
$\diamond 452 \times 786 = 524 \times 678$	$\diamond 486 \times 972 = 648 \times 729$	$\diamond 580 \times 966 = 696 \times 805$
$\diamond 452 \times 917 = 524 \times 791$	$\diamond 488 \times 954 = 848 \times 549$	$\diamond 586 \times 987 = 658 \times 879$
$\diamond 454 \times 816 = 544 \times 681$	$\diamond 497 \times 856 = 749 \times 568$	$\diamond 624 \times 963 = 642 \times 936$
$\diamond 455 \times 654 = 545 \times 546$	$\diamond 497 \times 963 = 749 \times 639$	$\diamond 626 \times 993 = 662 \times 939$
$\diamond 455 \times 763 = 545 \times 637$	$\diamond 506 \times 975 = 650 \times 759$	$\diamond 636 \times 884 = 663 \times 848$
$\diamond 455 \times 872 = 545 \times 728$	$\diamond 516 \times 868 = 651 \times 688$	$\diamond 637 \times 872 = 763 \times 728$
$\diamond 455 \times 981 = 545 \times 819$	$\diamond 526 \times 978 = 652 \times 789$	$\diamond 637 \times 981 = 763 \times 819$
$\diamond 456 \times 705 = 564 \times 570$	$\diamond 528 \times 925 = 825 \times 592$	$\diamond 646 \times 996 = 664 \times 969$
$\diamond 456 \times 846 = 564 \times 684$	$\diamond 546 \times 763 = 654 \times 637$	$\diamond 648 \times 972 = 864 \times 729$
$\diamond 456 \times 860 = 645 \times 608$	$\diamond 546 \times 872 = 654 \times 728$	$\diamond 669 \times 928 = 696 \times 892$
$\diamond 456 \times 987 = 564 \times 798$	$\diamond 546 \times 981 = 654 \times 819$	$\diamond 672 \times 847 = 726 \times 784$
$\diamond 458 \times 876 = 584 \times 687$	$\diamond 560 \times 726 = 605 \times 672$	$\diamond 672 \times 968 = 726 \times 896$
$\diamond 460 \times 755 = 604 \times 575$	$\diamond 560 \times 847 = 605 \times 784$	$\diamond 678 \times 917 = 786 \times 791$
$\diamond 462 \times 936 = 624 \times 693$	$\diamond 560 \times 968 = 605 \times 896$	$\diamond 684 \times 987 = 846 \times 798$
$\diamond 462 \times 963 = 642 \times 693$	$\diamond 565 \times 786 = 655 \times 678$	$\diamond 728 \times 981 = 872 \times 819$
$\diamond 464 \times 805 = 644 \times 580$	$\diamond 565 \times 917 = 655 \times 791$	$\diamond 784 \times 968 = 847 \times 896$
$\diamond 464 \times 966 = 644 \times 696$	$\diamond 566 \times 984 = 656 \times 849$	
$\diamond 466 \times 969 = 646 \times 699$	$\diamond 567 \times 864 = 756 \times 648$	

2.4 Unequal Digits Selfie Equalities

In the above two subsection, 2.1 and 2.3 we worked with equal-digits multiplicative factors. Here, we shall work with non-equal multiplicative factors. Since there are lot of values, we wrote examples with double or more equality signs. In another word, we can say that the results are extensions of famous **vamp numbers** with higher equality signs. Also, the obvious expressions arising due to multiplication by 10 are excluded. Below are examples, divided two subsections. The first one is for more than two equality signs and second one is form 5 to 8 digits with two equality signs.

2.4.1 Double Equalities

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

$\diamond 1 \times 3542 = 14 \times 253 = 23 \times 154$	$\diamond 1 \times 98515 = 19 \times 5185 = 85 \times 1159$
$\diamond 9 \times 1386 = 18 \times 693 = 63 \times 198$	$\diamond 11 \times 2975 = 17 \times 1925 = 119 \times 275$
$\diamond 9 \times 3465 = 45 \times 693 = 63 \times 495$	$\diamond 11 \times 7973 = 77 \times 1139 = 119 \times 737$
$\diamond 9 \times 4752 = 54 \times 792 = 72 \times 594$	$\diamond 12 \times 4326 = 24 \times 2163 = 42 \times 1236$
$\diamond 9 \times 7128 = 72 \times 891 = 81 \times 792$	$\diamond 12 \times 8064 = 21 \times 4608 = 48 \times 2016$

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

$\diamond 1 \times 173264 = 14 \times 12376 = 136 \times 1274$
 $\diamond 1 \times 346528 = 136 \times 2548 = 238 \times 1456$
 $\diamond 1 \times 432718 = 178 \times 2431 = 187 \times 2314$
 $\diamond 1 \times 486932 = 149 \times 3268 = 298 \times 1634$
 $\diamond 1 \times 714532 = 52 \times 13741 = 151 \times 4732$
 $\diamond 1 \times 760438 = 7 \times 108634 = 406 \times 1873$
 $\diamond 1 \times 775425 = 147 \times 5275 = 525 \times 1477$
 $\diamond 1 \times 814055 = 55 \times 14801 = 451 \times 1805$
 $\diamond 1 \times 894432 = 3 \times 298144 = 28 \times 31944$
 $\diamond 104 \times 6416 = 401 \times 1664 = 416 \times 1604$
 $\diamond 11 \times 39746 = 119 \times 3674 = 374 \times 1169$
 $\diamond 11 \times 69454 = 154 \times 4961 = 451 \times 1694$
 $\diamond 11 \times 79373 = 77 \times 11339 = 119 \times 7337$
 $\diamond 113 \times 7429 = 391 \times 2147 = 437 \times 1921$
 $\diamond 114 \times 1872 = 117 \times 1824 = 171 \times 1248$
 $\diamond 12 \times 30613 = 121 \times 3036 = 363 \times 1012$
 $\diamond 12 \times 32148 = 18 \times 21432 = 342 \times 1128$
 $\diamond 12 \times 46032 = 21 \times 26304 = 24 \times 23016$
 $\diamond 12 \times 98624 = 92 \times 12864 = 128 \times 9246$
 $\diamond 121 \times 6448 = 484 \times 1612 = 682 \times 1144$
 $\diamond 13 \times 18648 = 18 \times 13468 = 148 \times 1638$
 $\diamond 13 \times 49206 = 39 \times 16402 = 139 \times 4602$
 $\diamond 13 \times 58247 = 53 \times 14287 = 157 \times 4823$
 $\diamond 13 \times 65824 = 16 \times 53482 = 34 \times 25168$
 $\diamond 13 \times 68448 = 138 \times 6448 = 184 \times 4836$
 $\diamond 13 \times 69355 = 55 \times 16393 = 169 \times 5335$
 $\diamond 13 \times 72128 = 112 \times 8372 = 832 \times 1127$
 $\diamond 13 \times 72925 = 25 \times 37921 = 325 \times 2917$
 $\diamond 13 \times 79145 = 143 \times 7195 = 715 \times 1439$
 $\diamond 13 \times 83472 = 148 \times 7332 = 312 \times 3478$
 $\diamond 13 \times 98256 = 138 \times 9256 = 598 \times 2136$
 $\diamond 14 \times 32592 = 32 \times 14259 = 194 \times 2352$
 $\diamond 14 \times 54168 = 168 \times 4514 = 518 \times 1464$
 $\diamond 14 \times 63308 = 68 \times 13034 = 833 \times 1064$
 $\diamond 14 \times 64328 = 68 \times 13244 = 344 \times 2618$
 $\diamond 14 \times 86762 = 26 \times 46718 = 182 \times 6674$
 $\diamond 143 \times 6572 = 341 \times 2756 = 572 \times 1643$
 $\diamond 15 \times 35139 = 39 \times 13515 = 159 \times 3315$
 $\diamond 15 \times 94437 = 45 \times 31479 = 315 \times 4497$
 $\diamond 16 \times 23104 = 304 \times 1216 = 361 \times 1024$
 $\diamond 16 \times 23821 = 28 \times 13612 = 328 \times 1162$

$$\begin{aligned}
&\diamond 16 \times 48152 = 52 \times 14816 = 416 \times 1852 \\
&\diamond 16 \times 72352 = 76 \times 15232 = 532 \times 2176 \\
&\diamond 16 \times 82174 = 181 \times 7264 = 724 \times 1816 \\
&\diamond 16 \times 98978 = 88 \times 17996 = 176 \times 8998 \\
&\diamond 162 \times 3204 = 216 \times 2403 = 324 \times 1602 \\
&\diamond 162 \times 3924 = 216 \times 2943 = 324 \times 1962 \\
&\diamond 162 \times 4032 = 216 \times 3024 = 324 \times 2016 \\
&\diamond 162 \times 4392 = 216 \times 3294 = 324 \times 2196 \\
&\diamond 162 \times 6408 = 216 \times 4806 = 648 \times 1602 \\
&\diamond 162 \times 8064 = 216 \times 6048 = 648 \times 2016 \\
&\diamond 162 \times 8073 = 207 \times 6318 = 702 \times 1863 \\
&\diamond 17 \times 35945 = 35 \times 17459 = 395 \times 1547 \\
&\diamond 176 \times 7469 = 194 \times 6776 = 776 \times 1694 \\
&\diamond 18 \times 39879 = 189 \times 3798 = 378 \times 1899 \\
&\diamond 18 \times 41553 = 54 \times 13851 = 513 \times 1458 \\
&\diamond 18 \times 42432 = 24 \times 31824 = 312 \times 2448 \\
&\diamond 18 \times 48024 = 414 \times 2088 = 828 \times 1044 \\
&\diamond 18 \times 51612 = 51 \times 18216 = 612 \times 1518 \\
&\diamond 18 \times 57432 = 48 \times 21537 = 72 \times 14358 \\
&\diamond 18 \times 76923 = 63 \times 21978 = 189 \times 7326 \\
&\diamond 192 \times 6783 = 672 \times 1938 = 798 \times 1632 \\
&\diamond 2 \times 193851 = 18 \times 21539 = 119 \times 3258 \\
&\diamond 2 \times 312768 = 27 \times 23168 = 362 \times 1728 \\
&\diamond 2 \times 359814 = 39 \times 18452 = 182 \times 3954 \\
&\diamond 2 \times 415856 = 56 \times 14852 = 158 \times 5264 \\
&\diamond 2 \times 419237 = 17 \times 49322 = 221 \times 3794 \\
&\diamond 2 \times 451763 = 26 \times 34751 = 62 \times 14573 \\
&\diamond 2 \times 827016 = 272 \times 6081 = 816 \times 2027 \\
&\diamond 2 \times 910984 = 92 \times 19804 = 184 \times 9902 \\
&\diamond 2 \times 943761 = 3 \times 629174 = 273 \times 6914 \\
&\diamond 2 \times 987164 = 8 \times 246791 = 248 \times 7961 \\
&\diamond 201 \times 6324 = 204 \times 6231 = 402 \times 3162 \\
&\diamond 203 \times 4624 = 232 \times 4046 = 464 \times 2023 \\
&\diamond 204 \times 6643 = 442 \times 3066 = 663 \times 2044 \\
&\diamond 204 \times 9849 = 402 \times 4998 = 804 \times 2499 \\
&\diamond 208 \times 4123 = 304 \times 2821 = 403 \times 2128 \\
&\diamond 21 \times 13065 = 105 \times 2613 = 201 \times 1365 \\
&\diamond 21 \times 28864 = 28 \times 21648 = 48 \times 12628 \\
&\diamond 21 \times 43575 = 525 \times 1743 = 735 \times 1245 \\
&\diamond 21 \times 64288 = 28 \times 48216 = 48 \times 28126 \\
&\diamond 24 \times 36288 = 324 \times 2688 = 384 \times 2268
\end{aligned}$$

$$\begin{aligned}
&\diamond 24 \times 69384 = 42 \times 39648 = 48 \times 34692 \\
&\diamond 24 \times 95238 = 429 \times 5328 = 528 \times 4329 \\
&\diamond 25 \times 89271 = 819 \times 2725 = 981 \times 2275 \\
&\diamond 252 \times 4641 = 441 \times 2652 = 546 \times 2142 \\
&\diamond 26 \times 14839 = 143 \times 2698 = 286 \times 1349 \\
&\diamond 26 \times 22814 = 122 \times 4862 = 221 \times 2684 \\
&\diamond 26 \times 34112 = 41 \times 21632 = 416 \times 2132 \\
&\diamond 26 \times 37541 = 62 \times 15743 = 173 \times 5642 \\
&\diamond 26 \times 48923 = 29 \times 43862 = 482 \times 2639 \\
&\diamond 27 \times 50463 = 243 \times 5607 = 567 \times 2403 \\
&\diamond 27 \times 50625 = 225 \times 6075 = 675 \times 2025 \\
&\diamond 27 \times 60345 = 45 \times 36207 = 243 \times 6705 \\
&\diamond 27 \times 63504 = 243 \times 7056 = 567 \times 3024 \\
&\diamond 27 \times 72072 = 72 \times 27027 = 702 \times 2772 \\
&\diamond 28 \times 21436 = 184 \times 3262 = 322 \times 1864 \\
&\diamond 3 \times 121317 = 21 \times 17331 = 327 \times 1113 \\
&\diamond 3 \times 189924 = 294 \times 1938 = 399 \times 1428 \\
&\diamond 3 \times 210105 = 21 \times 30015 = 315 \times 2001 \\
&\diamond 3 \times 250971 = 57 \times 13209 = 357 \times 2109 \\
&\diamond 3 \times 425036 = 236 \times 5403 = 354 \times 3602 \\
&\diamond 3 \times 491608 = 163 \times 9048 = 489 \times 3016 \\
&\diamond 3 \times 728665 = 327 \times 6685 = 763 \times 2865 \\
&\diamond 3 \times 738492 = 237 \times 9348 = 948 \times 2337 \\
&\diamond 3 \times 864108 = 84 \times 30861 = 381 \times 6804 \\
&\diamond 3 \times 874692 = 39 \times 67284 = 378 \times 6942 \\
&\diamond 3 \times 920979 = 93 \times 29709 = 279 \times 9903 \\
&\diamond 3 \times 985725 = 9 \times 328575 = 39 \times 75825 \\
&\diamond 32 \times 19756 = 176 \times 3592 = 352 \times 1796 \\
&\diamond 324 \times 1692 = 423 \times 1296 = 432 \times 1269 \\
&\diamond 324 \times 5607 = 567 \times 3204 = 756 \times 2403 \\
&\diamond 324 \times 7056 = 567 \times 4032 = 756 \times 3024 \\
&\diamond 324 \times 7209 = 729 \times 3204 = 972 \times 2403 \\
&\diamond 324 \times 7956 = 432 \times 5967 = 936 \times 2754 \\
&\diamond 324 \times 9072 = 729 \times 4032 = 972 \times 3024 \\
&\diamond 33 \times 29016 = 312 \times 3069 = 936 \times 1023 \\
&\diamond 33 \times 97244 = 44 \times 72933 = 924 \times 3473 \\
&\diamond 34 \times 29302 = 49 \times 20332 = 322 \times 3094 \\
&\diamond 34 \times 29716 = 76 \times 13294 = 136 \times 7429 \\
&\diamond 34 \times 51272 = 232 \times 7514 = 754 \times 2312 \\
&\diamond 34 \times 79618 = 748 \times 3619 = 847 \times 3196 \\
&\diamond 342 \times 1968 = 369 \times 1824 = 492 \times 1368
\end{aligned}$$

$$\begin{aligned}
&\diamond 35 \times 21045 = 305 \times 2415 = 525 \times 1403 \\
&\diamond 36 \times 21648 = 48 \times 16236 = 246 \times 3168 \\
&\diamond 36 \times 27144 = 234 \times 4176 = 261 \times 3744 \\
&\diamond 36 \times 40824 = 243 \times 6048 = 486 \times 3024 \\
&\diamond 36 \times 46284 = 63 \times 26448 = 684 \times 2436 \\
&\diamond 36 \times 48972 = 48 \times 36729 = 63 \times 27984 \\
&\diamond 36 \times 75648 = 48 \times 56736 = 768 \times 3546 \\
&\diamond 36 \times 79758 = 378 \times 7596 = 756 \times 3798 \\
&\diamond 36 \times 84972 = 48 \times 63729 = 876 \times 3492 \\
&\diamond 36 \times 91884 = 39 \times 84816 = 48 \times 68913 \\
&\diamond 37 \times 20216 = 361 \times 2072 = 722 \times 1036 \\
&\diamond 39 \times 10472 = 104 \times 3927 = 374 \times 1092 \\
&\diamond 39 \times 25137 = 273 \times 3591 = 351 \times 2793 \\
&\diamond 39 \times 79386 = 78 \times 39693 = 786 \times 3939 \\
&\diamond 396 \times 6783 = 693 \times 3876 = 798 \times 3366 \\
&\diamond 4 \times 102331 = 31 \times 13204 = 124 \times 3301 \\
&\diamond 4 \times 122136 = 42 \times 11632 = 112 \times 4362 \\
&\diamond 4 \times 136051 = 106 \times 5134 = 151 \times 3604 \\
&\diamond 4 \times 148029 = 42 \times 14098 = 49 \times 12084 \\
&\diamond 4 \times 162016 = 61 \times 10624 = 64 \times 10126 \\
&\diamond 4 \times 165308 = 13 \times 50864 = 104 \times 6358 \\
&\diamond 4 \times 198653 = 59 \times 13468 = 148 \times 5369 \\
&\diamond 4 \times 217683 = 36 \times 24187 = 684 \times 1273 \\
&\diamond 4 \times 236417 = 76 \times 12443 = 437 \times 2164 \\
&\diamond 4 \times 259112 = 49 \times 21152 = 112 \times 9254 \\
&\diamond 4 \times 261481 = 121 \times 8644 = 484 \times 2161 \\
&\diamond 4 \times 352408 = 28 \times 50344 = 58 \times 24304 \\
&\diamond 4 \times 396428 = 23 \times 68944 = 248 \times 6394 \\
&\diamond 4 \times 402661 = 61 \times 26404 = 244 \times 6601 \\
&\diamond 4 \times 437512 = 34 \times 51472 = 544 \times 3217 \\
&\diamond 4 \times 469273 = 244 \times 7693 = 427 \times 4396 \\
&\diamond 4 \times 613582 = 58 \times 42316 = 568 \times 4321 \\
&\diamond 4 \times 630496 = 64 \times 39406 = 646 \times 3904 \\
&\diamond 4 \times 634627 = 7 \times 362644 = 34 \times 74662 \\
&\diamond 4 \times 831906 = 409 \times 8136 = 904 \times 3681 \\
&\diamond 4 \times 897316 = 73 \times 49168 = 439 \times 8176 \\
&\diamond 4 \times 933796 = 94 \times 39736 = 376 \times 9934 \\
&\diamond 406 \times 9248 = 464 \times 8092 = 928 \times 4046 \\
&\diamond 42 \times 13206 = 213 \times 2604 = 426 \times 1302 \\
&\diamond 42 \times 17613 = 63 \times 11742 = 171 \times 4326 \\
&\diamond 42 \times 21672 = 72 \times 12642 = 126 \times 7224
\end{aligned}$$

$$\begin{aligned}
&\diamond 42 \times 29181 = 411 \times 2982 = 822 \times 1491 \\
&\diamond 42 \times 63706 = 636 \times 4207 = 742 \times 3606 \\
&\diamond 42 \times 79376 = 77 \times 43296 = 96 \times 34727 \\
&\diamond 42 \times 79968 = 48 \times 69972 = 672 \times 4998 \\
&\diamond 42 \times 96186 = 861 \times 4692 = 966 \times 4182 \\
&\diamond 43 \times 20188 = 103 \times 8428 = 301 \times 2884 \\
&\diamond 437 \times 8074 = 734 \times 4807 = 874 \times 4037 \\
&\diamond 44 \times 19856 = 146 \times 5984 = 584 \times 1496 \\
&\diamond 44 \times 36278 = 68 \times 23474 = 374 \times 4268 \\
&\diamond 44 \times 87932 = 89 \times 43472 = 494 \times 7832 \\
&\diamond 45 \times 15351 = 51 \times 13545 = 153 \times 4515 \\
&\diamond 45 \times 34263 = 243 \times 6345 = 423 \times 3645 \\
&\diamond 46 \times 74368 = 448 \times 7636 = 736 \times 4648 \\
&\diamond 469 \times 7954 = 574 \times 6499 = 679 \times 5494 \\
&\diamond 48 \times 15732 = 57 \times 13248 = 138 \times 5472 \\
&\diamond 48 \times 16704 = 174 \times 4608 = 768 \times 1044 \\
&\diamond 48 \times 23184 = 84 \times 13248 = 828 \times 1344 \\
&\diamond 48 \times 23751 = 72 \times 15834 = 84 \times 13572 \\
&\diamond 48 \times 79772 = 77 \times 49728 = 777 \times 4928 \\
&\diamond 49 \times 16328 = 182 \times 4396 = 364 \times 2198 \\
&\diamond 5 \times 139065 = 365 \times 1905 = 635 \times 1095 \\
&\diamond 5 \times 192437 = 35 \times 27491 = 743 \times 1295 \\
&\diamond 5 \times 197561 = 65 \times 15197 = 167 \times 5915 \\
&\diamond 5 \times 198653 = 59 \times 16835 = 185 \times 5369 \\
&\diamond 5 \times 231875 = 53 \times 21875 = 875 \times 1325 \\
&\diamond 5 \times 240149 = 29 \times 41405 = 245 \times 4901 \\
&\diamond 5 \times 411025 = 41 \times 50125 = 401 \times 5125 \\
&\diamond 5 \times 425293 = 23 \times 92455 = 943 \times 2255 \\
&\diamond 51 \times 13026 = 102 \times 6513 = 501 \times 1326 \\
&\diamond 51 \times 42978 = 87 \times 25194 = 741 \times 2958 \\
&\diamond 52 \times 76342 = 76 \times 52234 = 532 \times 7462 \\
&\diamond 536 \times 9968 = 896 \times 5963 = 938 \times 5696 \\
&\diamond 54 \times 70056 = 504 \times 7506 = 756 \times 5004 \\
&\diamond 55 \times 30127 = 235 \times 7051 = 517 \times 3205 \\
&\diamond 55 \times 39865 = 385 \times 5695 = 595 \times 3685 \\
&\diamond 56 \times 12314 = 131 \times 5264 = 524 \times 1316 \\
&\diamond 56 \times 37281 = 578 \times 3612 = 731 \times 2856 \\
&\diamond 56 \times 38272 = 256 \times 8372 = 832 \times 2576 \\
&\diamond 56 \times 42098 = 98 \times 24056 = 248 \times 9506 \\
&\diamond 56 \times 74239 = 794 \times 5236 = 952 \times 4367 \\
&\diamond 567 \times 6408 = 648 \times 5607 = 756 \times 4806
\end{aligned}$$

$$\begin{aligned}
&\diamond 567 \times 8064 = 648 \times 7056 = 756 \times 6048 \\
&\diamond 6 \times 157248 = 546 \times 1728 = 756 \times 1248 \\
&\diamond 6 \times 173568 = 678 \times 1536 = 768 \times 1356 \\
&\diamond 6 \times 175863 = 183 \times 5766 = 186 \times 5673 \\
&\diamond 6 \times 176358 = 78 \times 13566 = 156 \times 6783 \\
&\diamond 6 \times 189312 = 96 \times 11832 = 816 \times 1392 \\
&\diamond 6 \times 198237 = 69 \times 17238 = 897 \times 1326 \\
&\diamond 6 \times 242319 = 21 \times 69234 = 231 \times 6294 \\
&\diamond 6 \times 253472 = 32 \times 47526 = 356 \times 4272 \\
&\diamond 6 \times 259248 = 264 \times 5892 = 528 \times 2946 \\
&\diamond 6 \times 291984 = 96 \times 18249 = 924 \times 1896 \\
&\diamond 6 \times 323872 = 87 \times 22336 = 232 \times 8376 \\
&\diamond 6 \times 432768 = 384 \times 6762 = 672 \times 3864 \\
&\diamond 6 \times 510102 = 51 \times 60012 = 612 \times 5001 \\
&\diamond 6 \times 541728 = 456 \times 7128 = 627 \times 5184 \\
&\diamond 6 \times 737568 = 78 \times 56736 = 576 \times 7683 \\
&\diamond 6 \times 758439 = 846 \times 5379 = 978 \times 4653 \\
&\diamond 6 \times 854969 = 59 \times 86946 = 86 \times 59649 \\
&\diamond 62 \times 14839 = 341 \times 2698 = 682 \times 1349 \\
&\diamond 62 \times 90896 = 608 \times 9269 = 806 \times 6992 \\
&\diamond 63 \times 16575 = 663 \times 1575 = 765 \times 1365 \\
&\diamond 64 \times 10283 = 104 \times 6328 = 208 \times 3164 \\
&\diamond 64 \times 11284 = 112 \times 6448 = 448 \times 1612 \\
&\diamond 64 \times 14812 = 112 \times 8464 = 448 \times 2116 \\
&\diamond 64 \times 28397 = 73 \times 24896 = 389 \times 4672 \\
&\diamond 648 \times 1692 = 846 \times 1296 = 864 \times 1269 \\
&\diamond 648 \times 7209 = 729 \times 6408 = 972 \times 4806 \\
&\diamond 648 \times 9072 = 729 \times 8064 = 972 \times 6048 \\
&\diamond 66 \times 23643 = 426 \times 3663 = 666 \times 2343 \\
&\diamond 66 \times 34632 = 624 \times 3663 = 666 \times 3432 \\
&\diamond 66 \times 84328 = 88 \times 63246 = 664 \times 8382 \\
&\diamond 67 \times 59432 = 76 \times 52394 = 536 \times 7429 \\
&\diamond 68 \times 12236 = 266 \times 3128 = 368 \times 2261 \\
&\diamond 68 \times 47343 = 86 \times 37434 = 734 \times 4386 \\
&\diamond 7 \times 102331 = 31 \times 23107 = 217 \times 3301 \\
&\diamond 7 \times 116224 = 64 \times 12712 = 112 \times 7264 \\
&\diamond 7 \times 142584 = 24 \times 41587 = 457 \times 2184 \\
&\diamond 7 \times 149925 = 21 \times 49975 = 25 \times 41979 \\
&\diamond 7 \times 187264 = 76 \times 17248 = 784 \times 1672 \\
&\diamond 7 \times 402661 = 61 \times 46207 = 427 \times 6601 \\
&\diamond 7 \times 436084 = 484 \times 6307 = 847 \times 3604
\end{aligned}$$

$$\begin{aligned}
&\diamond 7 \times 443968 = 448 \times 6937 = 784 \times 3964 \\
&\diamond 7 \times 520208 = 52 \times 70028 = 728 \times 5002 \\
&\diamond 7 \times 966799 = 97 \times 69769 = 679 \times 9967 \\
&\diamond 72 \times 16848 = 162 \times 7488 = 648 \times 1872 \\
&\diamond 72 \times 46389 = 84 \times 39762 = 423 \times 7896 \\
&\diamond 75 \times 13727 = 371 \times 2775 = 777 \times 1325 \\
&\diamond 75 \times 59841 = 549 \times 8175 = 981 \times 4575 \\
&\diamond 76 \times 91744 = 94 \times 74176 = 976 \times 7144 \\
&\diamond 8 \times 102364 = 314 \times 2608 = 628 \times 1304 \\
&\diamond 8 \times 124576 = 17 \times 58624 = 458 \times 2176 \\
&\diamond 8 \times 149342 = 89 \times 13424 = 839 \times 1424 \\
&\diamond 8 \times 158672 = 188 \times 6752 = 752 \times 1688 \\
&\diamond 8 \times 169694 = 14 \times 96968 = 68 \times 19964 \\
&\diamond 8 \times 182597 = 17 \times 85928 = 92 \times 15878 \\
&\diamond 8 \times 204662 = 62 \times 26408 = 248 \times 6602 \\
&\diamond 8 \times 243356 = 83 \times 23456 = 332 \times 5864 \\
&\diamond 8 \times 269024 = 224 \times 9608 = 896 \times 2402 \\
&\diamond 8 \times 290642 = 242 \times 9608 = 968 \times 2402 \\
&\diamond 8 \times 380644 = 88 \times 34604 = 844 \times 3608 \\
&\diamond 8 \times 438691 = 418 \times 8396 = 836 \times 4198 \\
&\diamond 8 \times 467324 = 86 \times 43472 = 836 \times 4472 \\
&\diamond 8 \times 494989 = 44 \times 89998 = 88 \times 44999 \\
&\diamond 8 \times 596903 = 59 \times 80936 = 536 \times 8909 \\
&\diamond 84 \times 14427 = 147 \times 8244 = 441 \times 2748 \\
&\diamond 84 \times 38786 = 86 \times 37884 = 473 \times 6888 \\
&\diamond 85 \times 39647 = 697 \times 4835 = 967 \times 3485 \\
&\diamond 87 \times 19026 = 609 \times 2718 = 906 \times 1827 \\
&\diamond 87 \times 31734 = 387 \times 7134 = 738 \times 3741 \\
&\diamond 9 \times 139986 = 18 \times 69993 = 63 \times 19998 \\
&\diamond 9 \times 169575 = 765 \times 1995 = 969 \times 1575 \\
&\diamond 9 \times 273456 = 324 \times 7596 = 432 \times 5697 \\
&\diamond 9 \times 286848 = 288 \times 8964 = 864 \times 2988 \\
&\diamond 9 \times 349965 = 45 \times 69993 = 63 \times 49995 \\
&\diamond 9 \times 447552 = 54 \times 74592 = 72 \times 55944 \\
&\diamond 9 \times 479358 = 54 \times 79893 = 99 \times 43578 \\
&\diamond 9 \times 479952 = 54 \times 79992 = 72 \times 59994 \\
&\diamond 9 \times 484218 = 441 \times 9882 = 882 \times 4941 \\
&\diamond 9 \times 643188 = 63 \times 91884 = 84 \times 68913 \\
&\diamond 9 \times 719928 = 72 \times 89991 = 81 \times 79992 \\
&\diamond 91 \times 10505 = 191 \times 5005 = 955 \times 1001 \\
&\diamond 92 \times 10516 = 506 \times 1912 = 956 \times 1012
\end{aligned}$$

$$\diamond 92 \times 50061 = 506 \times 9102 = 902 \times 5106$$

$$\diamond 96 \times 25137 = 672 \times 3591 = 756 \times 3192$$

$$\diamond 96 \times 29574 = 576 \times 4929 = 954 \times 2976$$

$$\diamond 96 \times 62748 = 672 \times 8964 = 864 \times 6972$$

$$\diamond 98 \times 33932 = 833 \times 3992 = 998 \times 3332$$

$$\diamond 98 \times 35464 = 364 \times 9548 = 539 \times 6448$$

$$\diamond 98 \times 49894 = 494 \times 9898 = 988 \times 4949$$

2.4.2 Triple Equalities

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

$$\begin{aligned} &\diamond 243 \times 64008 = 324 \times 48006 = 486 \times 32004 = 648 \times 24003 \\ &\diamond 243 \times 69804 = 486 \times 34902 = 2493 \times 6804 = 3402 \times 4986 \\ &\diamond 243 \times 80064 = 324 \times 60048 = 486 \times 40032 = 648 \times 30024 \\ &\diamond 26 \times 316231 = 62 \times 132613 = 1313 \times 6262 = 2626 \times 3131 \\ &\diamond 264 \times 25641 = 462 \times 14652 = 1452 \times 4662 = 2541 \times 2664 \\ &\diamond 28 \times 418241 = 82 \times 142814 = 1414 \times 8282 = 2828 \times 4141 \\ &\diamond 286 \times 37851 = 682 \times 15873 = 1573 \times 6882 = 2886 \times 3751 \\ &\diamond 297 \times 53946 = 594 \times 26973 = 2673 \times 5994 = 2997 \times 5346 \\ &\diamond 297 \times 65934 = 594 \times 32967 = 2997 \times 6534 = 3267 \times 5994 \\ &\diamond 3 \times 7207928 = 8 \times 2702973 = 273 \times 79208 = 728 \times 29703 \\ &\diamond 32 \times 403256 = 56 \times 230432 = 2432 \times 5306 = 3032 \times 4256 \\ &\diamond 32 \times 462308 = 608 \times 24332 = 632 \times 23408 = 2432 \times 6083 \\ &\diamond 32 \times 621894 = 84 \times 236912 = 624 \times 31892 = 2912 \times 6834 \\ &\diamond 324 \times 64008 = 432 \times 48006 = 648 \times 32004 = 864 \times 24003 \\ &\diamond 324 \times 70056 = 567 \times 40032 = 756 \times 30024 = 3024 \times 7506 \\ &\diamond 324 \times 80064 = 432 \times 60048 = 648 \times 40032 = 864 \times 30024 \\ &\diamond 33 \times 800728 = 88 \times 300273 = 303 \times 87208 = 808 \times 32703 \\ &\diamond 35 \times 299145 = 525 \times 19943 = 539 \times 19425 = 1925 \times 5439 \\ &\diamond 35 \times 452991 = 53 \times 299145 = 539 \times 29415 = 2915 \times 5439 \\ &\diamond 36 \times 216342 = 63 \times 123624 = 1224 \times 6363 = 2142 \times 3636 \\ &\diamond 36 \times 426321 = 63 \times 243612 = 2412 \times 6363 = 3636 \times 4221 \\ &\diamond 36 \times 928416 = 48 \times 696312 = 912 \times 36648 = 3648 \times 9162 \\ &\diamond 39 \times 319362 = 93 \times 133926 = 1326 \times 9393 = 3162 \times 3939 \\ &\diamond 39 \times 629331 = 93 \times 263913 = 2613 \times 9393 = 3939 \times 6231 \\ &\diamond 396 \times 73926 = 792 \times 36963 = 3663 \times 7992 = 3996 \times 7326 \\ &\diamond 4 \times 1862817 = 6 \times 1241878 = 418 \times 17826 = 627 \times 11884 \\ &\diamond 4 \times 6251908 = 52 \times 480916 = 502 \times 49816 = 958 \times 26104 \\ &\diamond 4 \times 6306937 = 7 \times 3603964 = 364 \times 69307 = 637 \times 39604 \\ &\diamond 404 \times 98098 = 808 \times 49049 = 4004 \times 9898 = 4949 \times 8008 \\ &\diamond 414 \times 28098 = 828 \times 14049 = 1449 \times 8028 = 2898 \times 4014 \\ &\diamond 44 \times 700637 = 77 \times 400364 = 404 \times 76307 = 707 \times 43604 \\ &\diamond 46 \times 326432 = 64 \times 234623 = 2323 \times 6464 = 3232 \times 4646 \\ &\diamond 48 \times 218463 = 84 \times 124836 = 1236 \times 8484 = 2163 \times 4848 \\ &\diamond 48 \times 428442 = 84 \times 244824 = 2424 \times 8484 = 4242 \times 4848 \\ &\diamond 48 \times 638421 = 84 \times 364812 = 3612 \times 8484 = 4848 \times 6321 \\ &\diamond 54 \times 185436 = 153 \times 65448 = 648 \times 15453 = 1836 \times 5454 \\ &\diamond 567 \times 80064 = 648 \times 70056 = 756 \times 60048 = 6048 \times 7506 \\ &\diamond 594 \times 71928 = 891 \times 47952 = 4752 \times 8991 = 5994 \times 7128 \\ &\diamond 63 \times 404328 = 84 \times 303246 = 306 \times 83244 = 408 \times 62433 \\ &\diamond 64 \times 468391 = 316 \times 94864 = 448 \times 66913 = 484 \times 61936 \\ &\diamond 65 \times 124355 = 143 \times 56525 = 1235 \times 6545 = 1463 \times 5525 \end{aligned}$$

$$\begin{aligned}
\diamond 66 \times 234432 &= 363 \times 42624 = 2442 \times 6336 = 3663 \times 4224 \\
\diamond 68 \times 438643 &= 86 \times 346834 = 3434 \times 8686 = 4343 \times 6868 \\
\diamond 69 \times 329664 &= 96 \times 236946 = 2346 \times 9696 = 3264 \times 6969 \\
\diamond 69 \times 488376 &= 483 \times 69768 = 3876 \times 8694 = 4968 \times 6783 \\
\diamond 69 \times 649632 &= 96 \times 466923 = 4623 \times 9696 = 6432 \times 6969 \\
\diamond 8 \times 1493261 &= 41 \times 291368 = 968 \times 12341 = 1892 \times 6314 \\
\diamond 81 \times 236808 &= 216 \times 88803 = 621 \times 30888 = 2808 \times 6831 \\
\diamond 99 \times 139986 &= 198 \times 69993 = 693 \times 19998 = 1386 \times 9999 \\
\diamond 99 \times 349965 &= 495 \times 69993 = 693 \times 49995 = 3465 \times 9999 \\
\diamond 99 \times 447552 &= 594 \times 74592 = 792 \times 55944 = 5544 \times 7992 \\
\diamond 99 \times 479952 &= 594 \times 79992 = 792 \times 59994 = 4752 \times 9999 \\
\diamond 99 \times 719928 &= 792 \times 89991 = 891 \times 79992 = 7128 \times 9999
\end{aligned}$$

$$\begin{aligned}
\diamond 1 \times 11703692 &= 11 \times 1063972 = 1027 \times 11396 = 1036 \times 11297 \\
\diamond 1 \times 64805312 &= 64 \times 1012583 = 208 \times 311564 = 352 \times 184106 \\
\diamond 1 \times 65641024 &= 4 \times 16410256 = 16 \times 4102564 = 64 \times 1025641 \\
\diamond 1 \times 76190464 &= 4 \times 19047616 = 16 \times 4761904 = 64 \times 1190476 \\
\diamond 1 \times 82051264 &= 4 \times 20512816 = 16 \times 5128204 = 64 \times 1282051 \\
\diamond 1002 \times 64032 &= 2001 \times 32064 = 2004 \times 32016 = 4002 \times 16032 \\
\diamond 101 \times 640064 &= 404 \times 160016 = 1616 \times 40004 = 6464 \times 10001 \\
\diamond 101 \times 950095 &= 505 \times 190019 = 1919 \times 50005 = 9595 \times 10001 \\
\diamond 102 \times 320064 &= 204 \times 160032 = 1632 \times 20004 = 3264 \times 10002 \\
\diamond 102 \times 640032 &= 204 \times 320016 = 1632 \times 40002 = 3264 \times 20001 \\
\diamond 11 \times 5240648 &= 461 \times 125048 = 1421 \times 40568 = 5684 \times 10142 \\
\diamond 113 \times 708186 &= 131 \times 610878 = 678 \times 118031 = 786 \times 101813 \\
\diamond 114 \times 820326 &= 228 \times 410163 = 1482 \times 63102 = 2028 \times 46113 \\
\diamond 1188 \times 37962 &= 1881 \times 23976 = 2376 \times 18981 = 3762 \times 11988 \\
\diamond 1188 \times 55944 &= 1584 \times 41958 = 4158 \times 15984 = 5544 \times 11988 \\
\diamond 1188 \times 75924 &= 1881 \times 47952 = 4752 \times 18981 = 7524 \times 11988 \\
\diamond 1188 \times 77922 &= 1287 \times 71928 = 7128 \times 12987 = 7722 \times 11988 \\
\diamond 12 \times 5146002 &= 102 \times 605412 = 1206 \times 51204 = 6024 \times 10251 \\
\diamond 12 \times 5316864 &= 384 \times 166152 = 516 \times 123648 = 3864 \times 16512 \\
\diamond 12 \times 6073488 &= 108 \times 674832 = 408 \times 178632 = 432 \times 168708 \\
\diamond 12 \times 7128408 &= 48 \times 1782102 = 1812 \times 47208 = 7248 \times 11802 \\
\diamond 1212 \times 42042 &= 2121 \times 24024 = 2424 \times 21021 = 4242 \times 12012 \\
\diamond 1212 \times 63063 &= 2121 \times 36036 = 3636 \times 21021 = 6363 \times 12012 \\
\diamond 1218 \times 54339 &= 1239 \times 53418 = 1842 \times 35931 = 5133 \times 12894 \\
\diamond 1224 \times 42084 &= 2142 \times 24048 = 2448 \times 21042 = 4284 \times 12024 \\
\diamond 124 \times 769384 &= 217 \times 439648 = 1249 \times 76384 = 2464 \times 38719 \\
\diamond 1287 \times 57942 &= 2574 \times 28971 = 2871 \times 25974 = 5742 \times 12987 \\
\diamond 129 \times 632058 &= 258 \times 316029 = 3129 \times 26058 = 6258 \times 13029
\end{aligned}$$

$$\begin{aligned}
&\diamond 13 \times 6176912 = 112 \times 716963 = 131 \times 612976 = 6736 \times 11921 \\
&\diamond 1313 \times 62062 = 2626 \times 31031 = 3131 \times 26026 = 6262 \times 13013 \\
&\diamond 132 \times 218064 = 231 \times 124608 = 1416 \times 20328 = 2832 \times 10164 \\
&\diamond 132 \times 284016 = 1164 \times 32208 = 2013 \times 18624 = 2328 \times 16104 \\
&\diamond 1386 \times 57942 = 1827 \times 43956 = 3654 \times 21978 = 5742 \times 13986 \\
&\diamond 144 \times 680238 = 234 \times 418608 = 684 \times 143208 = 4104 \times 23868 \\
&\diamond 15 \times 3045105 = 45 \times 1015035 = 105 \times 435015 = 315 \times 145005 \\
&\diamond 15 \times 4510503 = 45 \times 1503501 = 501 \times 135045 = 1503 \times 45015 \\
&\diamond 16 \times 2382184 = 28 \times 1361248 = 1648 \times 23128 = 2884 \times 13216 \\
&\diamond 16 \times 2884063 = 28 \times 1648036 = 328 \times 140686 = 1066 \times 43288 \\
&\diamond 16 \times 4102648 = 1012 \times 64864 = 1408 \times 46621 = 4048 \times 16216 \\
&\diamond 16 \times 5317492 = 61 \times 1394752 = 496 \times 171532 = 592 \times 143716 \\
&\diamond 17 \times 2365125 = 125 \times 321657 = 357 \times 112625 = 2625 \times 15317 \\
&\diamond 1782 \times 32967 = 2178 \times 26973 = 2673 \times 21978 = 3267 \times 17982 \\
&\diamond 1782 \times 43956 = 2178 \times 35964 = 3564 \times 21978 = 4356 \times 17982 \\
&\diamond 18 \times 2830464 = 486 \times 104832 = 1404 \times 36288 = 3024 \times 16848 \\
&\diamond 18 \times 5204736 = 162 \times 578304 = 3456 \times 27108 = 4518 \times 20736 \\
&\diamond 198 \times 179982 = 297 \times 119988 = 1188 \times 29997 = 1782 \times 19998 \\
&\diamond 198 \times 339966 = 396 \times 169983 = 1683 \times 39996 = 3366 \times 19998 \\
&\diamond 2 \times 12089121 = 11 \times 2198022 = 222 \times 108911 = 1221 \times 19802 \\
&\diamond 201 \times 130065 = 1005 \times 26013 = 2001 \times 13065 = 2613 \times 10005 \\
&\diamond 201 \times 320064 = 402 \times 160032 = 3216 \times 20004 = 6432 \times 10002 \\
&\diamond 204 \times 436821 = 1302 \times 68442 = 1428 \times 62403 = 2013 \times 44268 \\
&\diamond 2184 \times 43896 = 2418 \times 39648 = 4368 \times 21948 = 4836 \times 19824 \\
&\diamond 22 \times 1021211 = 202 \times 111221 = 1111 \times 20222 = 2222 \times 10111 \\
&\diamond 22 \times 1121201 = 202 \times 122111 = 1111 \times 22202 = 2222 \times 11101 \\
&\diamond 22 \times 4160734 = 76 \times 1204423 = 223 \times 410476 = 4237 \times 21604 \\
&\diamond 234 \times 400698 = 468 \times 200349 = 2034 \times 46098 = 4068 \times 23049 \\
&\diamond 24 \times 4059132 = 42 \times 2319504 = 924 \times 105432 = 1932 \times 50424 \\
&\diamond 264 \times 130536 = 336 \times 102564 = 1056 \times 32634 = 3234 \times 10656 \\
&\diamond 264 \times 181902 = 2928 \times 16401 = 2982 \times 16104 = 4026 \times 11928 \\
&\diamond 264 \times 256641 = 462 \times 146652 = 1452 \times 46662 = 2541 \times 26664 \\
&\diamond 27 \times 3692304 = 324 \times 307692 = 432 \times 230769 = 3024 \times 32967 \\
&\diamond 273 \times 169575 = 357 \times 129675 = 2793 \times 16575 = 3675 \times 12597 \\
&\diamond 294 \times 176358 = 1596 \times 32487 = 1938 \times 26754 = 2793 \times 18564 \\
&\diamond 3 \times 12319071 = 303 \times 121971 = 327 \times 113019 = 1119 \times 33027 \\
&\diamond 3 \times 23079231 = 21 \times 3297033 = 333 \times 207921 = 2331 \times 29703 \\
&\diamond 301 \times 273091 = 2107 \times 39013 = 3001 \times 27391 = 3913 \times 21007 \\
&\diamond 305 \times 317951 = 317 \times 305915 = 1037 \times 93515 = 5015 \times 19337 \\
&\diamond 312 \times 120486 = 1401 \times 26832 = 2064 \times 18213 = 2802 \times 13416 \\
&\diamond 34 \times 1619254 = 49 \times 1123564 = 364 \times 151249 = 1519 \times 36244
\end{aligned}$$

$$\begin{aligned}
\diamond 396 \times 237762 &= 2376 \times 39627 = 2772 \times 33966 = 3366 \times 27972 \\
\diamond 398 \times 135932 &= 1592 \times 33983 = 3383 \times 15992 = 3998 \times 13532 \\
\diamond 4 \times 16450252 &= 52 \times 1265404 = 1204 \times 54652 = 4204 \times 15652 \\
\diamond 4 \times 21070021 &= 7 \times 12040012 = 4012 \times 21007 = 7021 \times 12004 \\
\diamond 4 \times 21700231 &= 7 \times 12400132 = 4132 \times 21007 = 7231 \times 12004 \\
\diamond 4 \times 21721063 &= 7 \times 12412036 = 1204 \times 72163 = 2107 \times 41236 \\
\diamond 44 \times 2042422 &= 404 \times 222442 = 2222 \times 40444 = 4444 \times 20222 \\
\diamond 44 \times 2172317 &= 77 \times 1241324 = 4124 \times 23177 = 7217 \times 13244 \\
\diamond 44 \times 2242402 &= 404 \times 244222 = 2222 \times 44404 = 4444 \times 22202 \\
\diamond 45 \times 1238097 &= 435 \times 128079 = 1827 \times 30495 = 3045 \times 18297 \\
\diamond 501 \times 130026 &= 1002 \times 65013 = 5001 \times 13026 = 6513 \times 10002 \\
\diamond 52 \times 1658944 &= 448 \times 192556 = 598 \times 144256 = 1456 \times 59248 \\
\diamond 52 \times 1742636 &= 637 \times 142256 = 1456 \times 62237 = 3661 \times 24752 \\
\diamond 53 \times 1632816 &= 261 \times 331568 = 368 \times 235161 = 5336 \times 16218 \\
\diamond 567 \times 139194 &= 1134 \times 69597 = 1197 \times 65934 = 5994 \times 13167 \\
\diamond 603 \times 132066 &= 1206 \times 66033 = 6003 \times 13266 = 6633 \times 12006 \\
\diamond 616 \times 142048 &= 1012 \times 86464 = 1408 \times 62146 = 4048 \times 21616 \\
\diamond 63 \times 1574925 &= 1743 \times 56925 = 3795 \times 26145 = 7245 \times 13695 \\
\diamond 72 \times 1062936 &= 126 \times 607392 = 2016 \times 37962 = 6327 \times 12096 \\
\diamond 72 \times 1083456 &= 432 \times 180576 = 1368 \times 57024 = 7524 \times 10368 \\
\diamond 72 \times 1230684 &= 126 \times 703248 = 276 \times 321048 = 8232 \times 10764 \\
\diamond 78 \times 1045296 &= 1098 \times 74256 = 1428 \times 57096 = 7956 \times 10248 \\
\diamond 84 \times 1029678 &= 129 \times 670488 = 1806 \times 47892 = 6708 \times 12894
\end{aligned}$$

2.4.3 More Than Three Equalities

$$\begin{aligned}
\diamond 27 \times 996336 &= 396 \times 67932 = 792 \times 33966 = 3366 \times 7992 = 3996 \times 6732 \\
\diamond 54 \times 1461096 &= 1404 \times 56196 = 4014 \times 19656 = 4914 \times 16056 = 5616 \times 14049 \\
\diamond 114 \times 322608 &= 141 \times 260832 = 228 \times 161304 = 282 \times 130416 = 1128 \times 32604 = 1824 \times 20163 \\
\diamond 198 \times 341658 &= 594 \times 113886 = 1188 \times 56943 = 1881 \times 35964 = 3564 \times 18981 = 5643 \times 11988 \\
\diamond 396 \times 251748 &= 594 \times 167832 = 1584 \times 62937 = 2376 \times 41958 = 4158 \times 23976 = 4536 \times 21978 = 6237 \times 15984.
\end{aligned}$$

2.5 Unordered Selfie Equalities

Vamp numbers are very famous in the literature of mathematics [1], puzzles 84 and 85. In this case numbers are equivalent to product of two or more numbers with same digits, not necessarily in same order. For simplicity, let us call these numbers as "**unordered selfie numbers**". Since there are too much numbers of this kind. Let write only those numbers having more than one possibility or more than than one equality signs. In this case there are very few numbers up to 8 digits. Higher digits are not calculated yet.

$$\begin{array}{lll}
\diamond 36 \times 7326 = 72 \times 3663 & \diamond 2 \times 8971643 = 29 \times 618734 & \diamond 59 \times 424016 = 944 \times 26501 \\
\diamond 39 \times 6882 = 93 \times 2886 & \diamond 2 \times 9173846 = 836 \times 21947 & \diamond 591 \times 94656 = 5916 \times 9456 \\
\diamond 51 \times 2064 = 204 \times 516 & \diamond 2 \times 9384716 = 8 \times 2346179 & \diamond 6 \times 2561034 = 651 \times 23604 \\
\diamond 6 \times 48279 = 42 \times 6897 & \diamond 2 \times 9638174 = 26 \times 741398 & \diamond 6 \times 3406278 = 3084 \times 6627 \\
\diamond 9 \times 28755 = 27 \times 9585 & \diamond 2 \times 9743681 = 674 \times 28913 & \diamond 6 \times 4012527 = 51 \times 472062 \\
& \diamond 2 \times 9870149 = 941 \times 20978 & \diamond 6 \times 5493279 = 726 \times 45399 \\
\diamond 131 \times 9107 = 917 \times 1301 & \diamond 2031 \times 6204 = 3102 \times 4062 & \diamond 62 \times 196241 = 1262 \times 9641 \\
\diamond 14 \times 89252 = 212 \times 5894 & \diamond 2031 \times 6402 = 3201 \times 4062 & \diamond 62 \times 918095 = 695 \times 81902 \\
\diamond 2 \times 617384 = 674 \times 1832 & \diamond 21 \times 653793 = 573 \times 23961 & \diamond 621 \times 18306 = 1863 \times 6102 \\
\diamond 3 \times 414528 = 51 \times 24384 & \diamond 249 \times 71508 = 708 \times 25149 & \diamond 63 \times 516132 = 531 \times 61236 \\
\diamond 3 \times 538611 = 51 \times 31683 & \diamond 251 \times 73814 = 2171 \times 8534 & \diamond 66 \times 192075 = 75 \times 169026 \\
\diamond 3 \times 785625 = 375 \times 6285 & \diamond 258 \times 50196 = 516 \times 25098 & \diamond 66 \times 858912 = 69 \times 821568 \\
\diamond 3 \times 971025 = 321 \times 9075 & \diamond 26 \times 547214 = 2612 \times 5447 & \diamond 728 \times 14063 = 1274 \times 8036 \\
\diamond 426 \times 5298 = 852 \times 2649 & \diamond 2673 \times 8712 = 3267 \times 7128 & \diamond 735 \times 15861 = 1785 \times 6531 \\
\diamond 476 \times 9842 = 629 \times 7448 & \diamond 2673 \times 9801 = 3267 \times 8019 & \diamond 78 \times 180624 = 1704 \times 8268 \\
\diamond 5 \times 260513 = 605 \times 2153 & \diamond 27 \times 953442 = 4347 \times 5922 & \diamond 78 \times 534261 = 741 \times 56238 \\
\diamond 713 \times 8606 = 806 \times 7613 & \diamond 29 \times 431516 = 926 \times 13514 & \diamond 8 \times 1986152 = 812 \times 19568 \\
\diamond 72 \times 68094 = 702 \times 6984 & \diamond 3 \times 7524528 = 528 \times 42753 & \diamond 8 \times 3049826 = 26 \times 938408 \\
\diamond 8 \times 496013 = 413 \times 9608 & \diamond 3 \times 8274525 = 525 \times 47283 & \diamond 8 \times 9908726 = 89 \times 890672 \\
\diamond 81 \times 65205 = 621 \times 8505 & \diamond 3 \times 8571462 = 6 \times 4285731 & \diamond 81 \times 136206 = 162 \times 68103 \\
\diamond 9 \times 177525 = 27 \times 59175 & \diamond 314 \times 89726 = 812 \times 34697 & \diamond 81 \times 260325 = 801 \times 26325 \\
\diamond 9 \times 799011 = 909 \times 7911 & \diamond 32 \times 551726 = 56 \times 315272 & \diamond 81 \times 380475 = 801 \times 38475 \\
& \diamond 32 \times 917864 = 3176 \times 9248 & \diamond 81 \times 430965 = 405 \times 86193 \\
\diamond 1317 \times 9429 = 1347 \times 9219 & \diamond 351 \times 91026 = 3501 \times 9126 & \diamond 824 \times 37961 = 986 \times 31724 \\
\diamond 18 \times 631341 = 3141 \times 3618 & \diamond 36 \times 840231 = 63 \times 480132 & \diamond 84 \times 485007 = 807 \times 50484 \\
\diamond 1826 \times 7025 = 2075 \times 6182 & \diamond 38 \times 562016 = 608 \times 35126 & \diamond 842 \times 57869 = 5894 \times 8267 \\
\diamond 2 \times 6739481 = 14 \times 962783 & \diamond 387 \times 64251 = 531 \times 46827 & \diamond 854 \times 19436 = 3416 \times 4859 \\
\diamond 2 \times 6813704 = 8 \times 1703426 & \diamond 396 \times 48951 = 3996 \times 4851 & \diamond 86 \times 195227 = 197 \times 85226 \\
\diamond 2 \times 6849371 = 146 \times 93827 & \diamond 411 \times 32268 = 822 \times 16134 & \diamond 89 \times 366512 = 356 \times 91628 \\
\diamond 2 \times 7041368 = 8 \times 1760342 & \diamond 429 \times 58179 = 4719 \times 5289 & \diamond 9 \times 3905451 = 99 \times 355041 \\
\diamond 2 \times 7184936 = 8 \times 1796234 & \diamond 48 \times 573216 = 384 \times 71652 & \diamond 909 \times 45045 = 4545 \times 9009 \\
\diamond 2 \times 7348916 = 764 \times 19238 & \diamond 492 \times 45012 = 4092 \times 5412 & \diamond 92 \times 139826 = 926 \times 13892 \\
\diamond 2 \times 7360184 = 3128 \times 4706 & \diamond 5 \times 8314775 = 875 \times 47513 & \diamond 92 \times 738461 = 7613 \times 8924 \\
\diamond 2 \times 7391648 = 32 \times 461978 & \diamond 5 \times 8374751 = 77 \times 543815 & \diamond 96 \times 394788 = 384 \times 98697 \\
\diamond 2 \times 7438016 = 713 \times 20864 & \diamond 501 \times 20064 = 2004 \times 5016 & \diamond 96 \times 453927 = 996 \times 43752 \\
\diamond 2 \times 8136704 = 8 \times 2034176 & \diamond 513 \times 99603 = 5301 \times 9639 & \diamond 96 \times 536142 = 912 \times 56436 \\
\diamond 2 \times 8163749 = 38 \times 429671 & \diamond 56 \times 201134 = 536 \times 21014 & \diamond 981 \times 33264 = 3924 \times 8316 \\
\diamond 2 \times 8917346 = 2318 \times 7694 & \diamond 576 \times 94392 = 5472 \times 9936 & \diamond 99 \times 404505 = 909 \times 44055
\end{array}$$

Acknowledgement

The author is thankful to T.J. Eckman, Georgia, USA (email: jeek@jeek.net) in programming the script to develop these representations.

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