

8-Digit by 8-Digit Multiplication (A)

Name: _____

Date: _____

Calculate each product.

$$\begin{array}{r} 18577541 \\ \times 45860008 \\ \hline \end{array}$$

$$\begin{array}{r} 72023777 \\ \times 15125877 \\ \hline \end{array}$$

$$\begin{array}{r} 39475928 \\ \times 16896347 \\ \hline \end{array}$$

$$\begin{array}{r} 26475176 \\ \times 28564753 \\ \hline \end{array}$$

Score: /4

8-Digit by 8-Digit Multiplication (A) Answers

Name: _____

Date: _____

Calculate each product.

$$\begin{array}{r} 18577541 \\ \times 45860008 \\ \hline 148620328 \\ 111465246000 \\ 1486203280000 \\ 92887705000000 \\ 743101640000000 \\ \hline 851966178880328 \end{array}$$

$$\begin{array}{r} 72023777 \\ \times 15125877 \\ \hline 504166439 \\ 5041664390 \\ 57619021600 \\ 360118885000 \\ 1440475540000 \\ 7202377700000 \\ 360118885000000 \\ 720237770000000 \\ \hline 1089422791977429 \end{array}$$

$$\begin{array}{r} 39475928 \\ \times 16896347 \\ \hline 276331496 \\ 1579037120 \\ 11842778400 \\ 236855568000 \\ 3552833520000 \\ 31580742400000 \\ 236855568000000 \\ 394759280000000 \\ \hline 666998977635016 \end{array}$$

$$\begin{array}{r} 26475176 \\ \times 28564753 \\ \hline 79425528 \\ 1323758800 \\ 18532623200 \\ 105900704000 \\ 1588510560000 \\ 13237588000000 \\ 211801408000000 \\ 529503520000000 \\ \hline 756256863071528 \end{array}$$

Score: /4

8-Digit by 8-Digit Multiplication (B)

Name: _____

Date: _____

Calculate each product.

$$\begin{array}{r} 70087717 \\ \times 86886185 \\ \hline \end{array}$$

$$\begin{array}{r} 27119277 \\ \times 41175343 \\ \hline \end{array}$$

$$\begin{array}{r} 76082778 \\ \times 55593656 \\ \hline \end{array}$$

$$\begin{array}{r} 67285029 \\ \times 68448301 \\ \hline \end{array}$$

Score: /4

8-Digit by 8-Digit Multiplication (B) Answers

Name: _____

Date: _____

Calculate each product.

$$\begin{array}{r} 70087717 \\ \times 86886185 \\ \hline 350438585 \\ 5607017360 \\ 7008771700 \\ 420526302000 \\ 5607017360000 \\ 56070173600000 \\ 420526302000000 \\ 5607017360000000 \\ \hline 6089654345489645 \end{array}$$

$$\begin{array}{r} 27119277 \\ \times 41175343 \\ \hline 81357831 \\ 1084771080 \\ 8135783100 \\ 135596385000 \\ 1898349390000 \\ 2711927700000 \\ 27119277000000 \\ 1084771080000000 \\ \hline 1116645532387011 \end{array}$$

$$\begin{array}{r} 76082778 \\ \times 55593656 \\ \hline 456496668 \\ 3804138900 \\ 45649666800 \\ 228248334000 \\ 6847450020000 \\ 38041389000000 \\ 380413890000000 \\ 3804138900000000 \\ \hline 4229719787656368 \end{array}$$

$$\begin{array}{r} 67285029 \\ \times 68448301 \\ \hline 67285029 \\ 20185508700 \\ 538280232000 \\ 2691401160000 \\ 26914011600000 \\ 538280232000000 \\ 4037101740000000 \\ \hline 4605545917785729 \end{array}$$

Score: /4

8-Digit by 8-Digit Multiplication (C)

Name: _____

Date: _____

Calculate each product.

$$\begin{array}{r} 41984041 \\ \times 38666839 \\ \hline \end{array}$$

$$\begin{array}{r} 96081326 \\ \times 95468837 \\ \hline \end{array}$$

$$\begin{array}{r} 80299801 \\ \times 94202438 \\ \hline \end{array}$$

$$\begin{array}{r} 69737860 \\ \times 83385840 \\ \hline \end{array}$$

Score: /4

8-Digit by 8-Digit Multiplication (C) Answers

Name: _____

Date: _____

Calculate each product.

$$\begin{array}{r} 41984041 \\ \times 38666839 \\ \hline 377856369 \\ 1259521230 \\ 33587232800 \\ 251904246000 \\ 2519042460000 \\ 25190424600000 \\ 335872328000000 \\ 1259521230000000 \\ \hline 1623390153916399 \end{array}$$

$$\begin{array}{r} 96081326 \\ \times 95468837 \\ \hline 672569282 \\ 2882439780 \\ 76865060800 \\ 768650608000 \\ 5764879560000 \\ 38432530400000 \\ 480406630000000 \\ 8647319340000000 \\ \hline 9172772450637862 \end{array}$$

$$\begin{array}{r} 80299801 \\ \times 94202438 \\ \hline 642398408 \\ 2408994030 \\ 32119920400 \\ 160599602000 \\ 16059960200000 \\ 321199204000000 \\ 7226982090000000 \\ \hline 7564437025114838 \end{array}$$

$$\begin{array}{r} 69737860 \\ \times 83385840 \\ \hline 2789514400 \\ 55790288000 \\ 348689300000 \\ 5579028800000 \\ 20921358000000 \\ 209213580000000 \\ 5579028800000000 \\ \hline 5815150035902400 \end{array}$$

Score: /4

8-Digit by 8-Digit Multiplication (D)

Name: _____

Date: _____

Calculate each product.

$$\begin{array}{r} 98455312 \\ \times 72292883 \\ \hline \end{array}$$

$$\begin{array}{r} 48721170 \\ \times 52976707 \\ \hline \end{array}$$

$$\begin{array}{r} 78156545 \\ \times 21377305 \\ \hline \end{array}$$

$$\begin{array}{r} 48395667 \\ \times 61709049 \\ \hline \end{array}$$

Score: /4

8-Digit by 8-Digit Multiplication (D) Answers

Name: _____

Date: _____

Calculate each product.

$$\begin{array}{r} 98455312 \\ \times 72292883 \\ \hline 295365936 \\ 7876424960 \\ 78764249600 \\ 196910624000 \\ 8860978080000 \\ 19691062400000 \\ 196910624000000 \\ 6891871840000000 \\ \hline 7117618351144496 \end{array}$$

$$\begin{array}{r} 48721170 \\ \times 52976707 \\ \hline 341048190 \\ 34104819000 \\ 292327020000 \\ 3410481900000 \\ 43849053000000 \\ 97442340000000 \\ 2436058500000000 \\ \hline 2581087147787190 \end{array}$$

$$\begin{array}{r} 78156545 \\ \times 21377305 \\ \hline 390782725 \\ 23446963500 \\ 547095815000 \\ 5470958150000 \\ 23446963500000 \\ 78156545000000 \\ 1563130900000000 \\ \hline 1670776300211225 \end{array}$$

$$\begin{array}{r} 48395667 \\ \times 61709049 \\ \hline 435561003 \\ 1935826680 \\ 435561003000 \\ 33876966900000 \\ 48395667000000 \\ 2903740020000000 \\ \hline 2986450586290683 \end{array}$$

Score: /4

8-Digit by 8-Digit Multiplication (E)

Name: _____

Date: _____

Calculate each product.

$$\begin{array}{r} 28900711 \\ \times 39817761 \\ \hline \end{array}$$

$$\begin{array}{r} 91242246 \\ \times 76260231 \\ \hline \end{array}$$

$$\begin{array}{r} 73488127 \\ \times 67878619 \\ \hline \end{array}$$

$$\begin{array}{r} 95463600 \\ \times 46443588 \\ \hline \end{array}$$

Score: /4

8-Digit by 8-Digit Multiplication (E) Answers

Name: _____

Date: _____

Calculate each product.

$$\begin{array}{r} 28900711 \\ \times 39817761 \\ \hline 28900711 \\ 1734042660 \\ 20230497700 \\ 202304977000 \\ 289007110000 \\ 23120568800000 \\ 260106399000000 \\ 867021330000000 \\ \hline 1150761603328071 \end{array}$$

$$\begin{array}{r} 91242246 \\ \times 76260231 \\ \hline 91242246 \\ 2737267380 \\ 18248449200 \\ 5474534760000 \\ 18248449200000 \\ 547453476000000 \\ 6386957220000000 \\ \hline 6958154756918826 \end{array}$$

$$\begin{array}{r} 73488127 \\ \times 67878619 \\ \hline 661393143 \\ 734881270 \\ 44092876200 \\ 587905016000 \\ 5144168890000 \\ 58790501600000 \\ 514416889000000 \\ 4409287620000000 \\ \hline 4988272573656613 \end{array}$$

$$\begin{array}{r} 95463600 \\ \times 46443588 \\ \hline 763708800 \\ 7637088000 \\ 47731800000 \\ 286390800000 \\ 3818544000000 \\ 38185440000000 \\ 572781600000000 \\ 3818544000000000 \\ \hline 4433672107396800 \end{array}$$

Score: /4

8-Digit by 8-Digit Multiplication (F)

Name: _____

Date: _____

Calculate each product.

$$\begin{array}{r} 15524619 \\ \times 20319706 \\ \hline \end{array}$$

$$\begin{array}{r} 84307542 \\ \times 42419072 \\ \hline \end{array}$$

$$\begin{array}{r} 46671767 \\ \times 81314542 \\ \hline \end{array}$$

$$\begin{array}{r} 64429211 \\ \times 35803563 \\ \hline \end{array}$$

Score: /4

8-Digit by 8-Digit Multiplication (F) Answers

Name: _____

Date: _____

Calculate each product.

$$\begin{array}{r} 15524619 \\ \times 20319706 \\ \hline 93147714 \\ 10867233300 \\ 139721571000 \\ 155246190000 \\ 4657385700000 \\ 310492380000000 \\ \hline 315455693842014 \end{array}$$

$$\begin{array}{r} 84307542 \\ \times 42419072 \\ \hline 168615084 \\ 5901527940 \\ 758767878000 \\ 843075420000 \\ 33723016800000 \\ 168615084000000 \\ 3372301680000000 \\ \hline 3576247694241024 \end{array}$$

$$\begin{array}{r} 46671767 \\ \times 81314542 \\ \hline 93343534 \\ 1866870680 \\ 23335883500 \\ 186687068000 \\ 466717670000 \\ 14001530100000 \\ 46671767000000 \\ 3733741360000000 \\ \hline 3795093357935714 \end{array}$$

$$\begin{array}{r} 64429211 \\ \times 35803563 \\ \hline 193287633 \\ 3865752660 \\ 32214605500 \\ 193287633000 \\ 51543368800000 \\ 322146055000000 \\ 1932876330000000 \\ \hline 2306795315078793 \end{array}$$

Score: /4

8-Digit by 8-Digit Multiplication (G)

Name: _____

Date: _____

Calculate each product.

$$\begin{array}{r} 30796486 \\ \times 88742272 \\ \hline \end{array}$$

$$\begin{array}{r} 26710148 \\ \times 47958354 \\ \hline \end{array}$$

$$\begin{array}{r} 94072392 \\ \times 87014349 \\ \hline \end{array}$$

$$\begin{array}{r} 39772072 \\ \times 79718154 \\ \hline \end{array}$$

Score: /4

8-Digit by 8-Digit Multiplication (G) Answers

Name: _____

Date: _____

Calculate each product.

$$\begin{array}{r} 30796486 \\ \times 88742272 \\ \hline 61592972 \\ 2155754020 \\ 6159297200 \\ 61592972000 \\ 1231859440000 \\ 21557540200000 \\ 246371888000000 \\ 2463718880000000 \\ \hline 2732950137256192 \end{array}$$

$$\begin{array}{r} 26710148 \\ \times 47958354 \\ \hline 106840592 \\ 1335507400 \\ 8013044400 \\ 213681184000 \\ 1335507400000 \\ 24039133200000 \\ 186971036000000 \\ 1068405920000000 \\ \hline 1280974733176392 \end{array}$$

$$\begin{array}{r} 94072392 \\ \times 87014349 \\ \hline 846651528 \\ 3762895680 \\ 28221717600 \\ 376289568000 \\ 940723920000 \\ 658506744000000 \\ 7525791360000000 \\ \hline 8185647948752808 \end{array}$$

$$\begin{array}{r} 39772072 \\ \times 79718154 \\ \hline 159088288 \\ 1988603600 \\ 3977207200 \\ 318176576000 \\ 397720720000 \\ 27840450400000 \\ 357948648000000 \\ 2784045040000000 \\ \hline 3170556160595088 \end{array}$$

Score: /4

8-Digit by 8-Digit Multiplication (H)

Name: _____

Date: _____

Calculate each product.

$$\begin{array}{r} 48207880 \\ \times 71545079 \\ \hline \end{array}$$

$$\begin{array}{r} 76422198 \\ \times 91744676 \\ \hline \end{array}$$

$$\begin{array}{r} 66253560 \\ \times 55208677 \\ \hline \end{array}$$

$$\begin{array}{r} 82520070 \\ \times 92906390 \\ \hline \end{array}$$

Score: /4

8-Digit by 8-Digit Multiplication (H) Answers

Name: _____

Date: _____

Calculate each product.

$$\begin{array}{r} 48207880 \\ \times 71545079 \\ \hline 433870920 \\ 3374551600 \\ 241039400000 \\ 1928315200000 \\ 24103940000000 \\ 48207880000000 \\ 3374551600000000 \\ \hline 3449036583022520 \end{array}$$

$$\begin{array}{r} 76422198 \\ \times 91744676 \\ \hline 458533188 \\ 5349553860 \\ 45853318800 \\ 305688792000 \\ 3056887920000 \\ 53495538600000 \\ 76422198000000 \\ 6877997820000000 \\ \hline 7011329794717848 \end{array}$$

$$\begin{array}{r} 66253560 \\ \times 55208677 \\ \hline 463774920 \\ 4637749200 \\ 39752136000 \\ 530028480000 \\ 13250712000000 \\ 331267800000000 \\ 3312678000000000 \\ \hline 3657771394140120 \end{array}$$

$$\begin{array}{r} 82520070 \\ \times 92906390 \\ \hline 7426806300 \\ 24756021000 \\ 495120420000 \\ 74268063000000 \\ 165040140000000 \\ 7426806300000000 \\ \hline 7666641806247300 \end{array}$$

Score: /4

8-Digit by 8-Digit Multiplication (I)

Name: _____

Date: _____

Calculate each product.

$$\begin{array}{r} 71544707 \\ \times 48737538 \\ \hline \end{array}$$

$$\begin{array}{r} 76786393 \\ \times 14748052 \\ \hline \end{array}$$

$$\begin{array}{r} 57440603 \\ \times 50250737 \\ \hline \end{array}$$

$$\begin{array}{r} 65801287 \\ \times 50294603 \\ \hline \end{array}$$

Score: /4

8-Digit by 8-Digit Multiplication (I) Answers

Name: _____

Date: _____

Calculate each product.

$$\begin{array}{r} 71544707 \\ \times 48737538 \\ \hline 572357656 \\ 2146341210 \\ 35772353500 \\ 500812949000 \\ 2146341210000 \\ 50081294900000 \\ 572357656000000 \\ 2861788280000000 \\ \hline 3486912876111366 \end{array}$$

$$\begin{array}{r} 76786393 \\ \times 14748052 \\ \hline 153572786 \\ 3839319650 \\ 614291144000 \\ 3071455720000 \\ 53750475100000 \\ 307145572000000 \\ 767863930000000 \\ \hline 1132449716856436 \end{array}$$

$$\begin{array}{r} 57440603 \\ \times 50250737 \\ \hline 402084221 \\ 1723218090 \\ 40208422100 \\ 2872030150000 \\ 11488120600000 \\ 287203015000000 \\ \hline 2886432634474411 \end{array}$$

$$\begin{array}{r} 65801287 \\ \times 50294603 \\ \hline 197403861 \\ 39480772200 \\ 263205148000 \\ 5922115830000 \\ 13160257400000 \\ 329006435000000 \\ \hline 3309449606554061 \end{array}$$

Score: /4

8-Digit by 8-Digit Multiplication (J)

Name: _____

Date: _____

Calculate each product.

$$\begin{array}{r} 93958627 \\ \times 49881505 \\ \hline \end{array}$$

$$\begin{array}{r} 94742770 \\ \times 39078636 \\ \hline \end{array}$$

$$\begin{array}{r} 79139221 \\ \times 91904003 \\ \hline \end{array}$$

$$\begin{array}{r} 40274844 \\ \times 23988214 \\ \hline \end{array}$$

Score: /4

8-Digit by 8-Digit Multiplication (J) Answers

Name: _____

Date: _____

Calculate each product.

$$\begin{array}{r} 93958627 \\ \times 49881505 \\ \hline 469793135 \\ 46979313500 \\ 93958627000 \\ 7516690160000 \\ 75166901600000 \\ 845627643000000 \\ 3758345080000000 \\ \hline 4686797722493635 \end{array}$$

$$\begin{array}{r} 94742770 \\ \times 39078636 \\ \hline 568456620 \\ 2842283100 \\ 56845662000 \\ 757942160000 \\ 6631993900000 \\ 852684930000000 \\ 2842283100000000 \\ \hline 3702418222461720 \end{array}$$

$$\begin{array}{r} 79139221 \\ \times 91904003 \\ \hline 237417663 \\ 316556884000 \\ 71225298900000 \\ 79139221000000 \\ 7122529890000000 \\ \hline 7273211204201663 \end{array}$$

$$\begin{array}{r} 40274844 \\ \times 23988214 \\ \hline 161099376 \\ 402748440 \\ 8054968800 \\ 322198752000 \\ 3221987520000 \\ 36247359600000 \\ 120824532000000 \\ 805496880000000 \\ \hline 966121576688616 \end{array}$$

Score: /4