

5-Digit by 5-Digit Multiplication (A)

Name: _____

Date: _____

Calculate each product.

$$\begin{array}{r} 27,846 \\ \times 67,805 \\ \hline \end{array}$$

$$\begin{array}{r} 27,929 \\ \times 94,739 \\ \hline \end{array}$$

$$\begin{array}{r} 44,320 \\ \times 54,880 \\ \hline \end{array}$$

$$\begin{array}{r} 45,105 \\ \times 59,578 \\ \hline \end{array}$$

$$\begin{array}{r} 34,710 \\ \times 91,822 \\ \hline \end{array}$$

$$\begin{array}{r} 69,212 \\ \times 56,250 \\ \hline \end{array}$$

Score: /6

5-Digit by 5-Digit Multiplication (A) Answers

Name: _____

Date: _____

Calculate each product.

$$\begin{array}{r} 27,846 \\ \times 67,805 \\ \hline 139,230 \\ 22,276,800 \\ 194,922,000 \\ 1,670,760,000 \\ \hline 1,888,098,030 \end{array}$$

$$\begin{array}{r} 27,929 \\ \times 94,739 \\ \hline 251,361 \\ 837,870 \\ 19,550,300 \\ 111,716,000 \\ 2,513,610,000 \\ \hline 2,645,965,531 \end{array}$$

$$\begin{array}{r} 44,320 \\ \times 54,880 \\ \hline 3,545,600 \\ 35,456,000 \\ 177,280,000 \\ 2,216,000,000 \\ \hline 2,432,281,600 \end{array}$$

$$\begin{array}{r} 45,105 \\ \times 59,578 \\ \hline 360,840 \\ 3,157,350 \\ 22,552,500 \\ 405,945,000 \\ 2,255,250,000 \\ \hline 2,687,265,690 \end{array}$$

$$\begin{array}{r} 34,710 \\ \times 91,822 \\ \hline 69,420 \\ 694,200 \\ 27,768,000 \\ 34,710,000 \\ 3,123,900,000 \\ \hline 3,187,141,620 \end{array}$$

$$\begin{array}{r} 69,212 \\ \times 56,250 \\ \hline 3,460,600 \\ 13,842,400 \\ 415,272,000 \\ 3,460,600,000 \\ \hline 3,893,175,000 \end{array}$$

Score: /6

5-Digit by 5-Digit Multiplication (B)

Name: _____

Date: _____

Calculate each product.

$$\begin{array}{r} 38,546 \\ \times 25,932 \\ \hline \end{array}$$

$$\begin{array}{r} 17,571 \\ \times 25,596 \\ \hline \end{array}$$

$$\begin{array}{r} 24,673 \\ \times 32,998 \\ \hline \end{array}$$

$$\begin{array}{r} 27,646 \\ \times 69,787 \\ \hline \end{array}$$

$$\begin{array}{r} 32,766 \\ \times 54,997 \\ \hline \end{array}$$

$$\begin{array}{r} 48,794 \\ \times 56,707 \\ \hline \end{array}$$

Score: /6

5-Digit by 5-Digit Multiplication (B) Answers

Name: _____

Date: _____

Calculate each product.

$$\begin{array}{r} 38,546 \\ \times 25,932 \\ \hline 77,092 \\ 1,156,380 \\ 34,691,400 \\ 192,730,000 \\ 770,920,000 \\ \hline 999,574,872 \end{array}$$

$$\begin{array}{r} 17,571 \\ \times 25,596 \\ \hline 105,426 \\ 1,581,390 \\ 8,785,500 \\ 87,855,000 \\ 351,420,000 \\ \hline 449,747,316 \end{array}$$

$$\begin{array}{r} 24,673 \\ \times 32,998 \\ \hline 197,384 \\ 2,220,570 \\ 22,205,700 \\ 49,346,000 \\ 740,190,000 \\ \hline 814,159,654 \end{array}$$

$$\begin{array}{r} 27,646 \\ \times 69,787 \\ \hline 193,522 \\ 2,211,680 \\ 19,352,200 \\ 248,814,000 \\ 1,658,760,000 \\ \hline 1,929,331,402 \end{array}$$

$$\begin{array}{r} 32,766 \\ \times 54,997 \\ \hline 229,362 \\ 2,948,940 \\ 29,489,400 \\ 131,064,000 \\ 1,638,300,000 \\ \hline 1,802,031,702 \end{array}$$

$$\begin{array}{r} 48,794 \\ \times 56,707 \\ \hline 341,558 \\ 34,155,800 \\ 292,764,000 \\ 2,439,700,000 \\ \hline 2,766,961,358 \end{array}$$

Score: /6

5-Digit by 5-Digit Multiplication (C)

Name: _____

Date: _____

Calculate each product.

$$\begin{array}{r} 56,497 \\ \times 28,592 \\ \hline \end{array}$$

$$\begin{array}{r} 46,303 \\ \times 52,571 \\ \hline \end{array}$$

$$\begin{array}{r} 65,935 \\ \times 58,053 \\ \hline \end{array}$$

$$\begin{array}{r} 95,579 \\ \times 27,609 \\ \hline \end{array}$$

$$\begin{array}{r} 66,818 \\ \times 11,016 \\ \hline \end{array}$$

$$\begin{array}{r} 24,902 \\ \times 91,831 \\ \hline \end{array}$$

Score: /6

5-Digit by 5-Digit Multiplication (C) Answers

Name: _____

Date: _____

Calculate each product.

$$\begin{array}{r} 56,497 \\ \times 28,592 \\ \hline 112,994 \\ 5,084,730 \\ 28,248,500 \\ 451,976,000 \\ 1,129,940,000 \\ \hline 1,615,362,224 \end{array}$$

$$\begin{array}{r} 46,303 \\ \times 52,571 \\ \hline 46,303 \\ 3,241,210 \\ 23,151,500 \\ 92,606,000 \\ 2,315,150,000 \\ \hline 2,434,195,013 \end{array}$$

$$\begin{array}{r} 65,935 \\ \times 58,053 \\ \hline 197,805 \\ 3,296,750 \\ 527,480,000 \\ 3,296,750,000 \\ \hline 3,827,724,555 \end{array}$$

$$\begin{array}{r} 95,579 \\ \times 27,609 \\ \hline 860,211 \\ 57,347,400 \\ 669,053,000 \\ 1,911,580,000 \\ \hline 2,638,840,611 \end{array}$$

$$\begin{array}{r} 66,818 \\ \times 11,016 \\ \hline 400,908 \\ 668,180 \\ 66,818,000 \\ 668,180,000 \\ \hline 736,067,088 \end{array}$$

$$\begin{array}{r} 24,902 \\ \times 91,831 \\ \hline 24,902 \\ 747,060 \\ 19,921,600 \\ 24,902,000 \\ 2,241,180,000 \\ \hline 2,286,775,562 \end{array}$$

Score: /6

5-Digit by 5-Digit Multiplication (D)

Name: _____

Date: _____

Calculate each product.

$$\begin{array}{r} 91,645 \\ \times 93,252 \\ \hline \end{array}$$

$$\begin{array}{r} 91,314 \\ \times 68,412 \\ \hline \end{array}$$

$$\begin{array}{r} 37,527 \\ \times 44,188 \\ \hline \end{array}$$

$$\begin{array}{r} 52,335 \\ \times 46,523 \\ \hline \end{array}$$

$$\begin{array}{r} 98,001 \\ \times 36,205 \\ \hline \end{array}$$

$$\begin{array}{r} 86,639 \\ \times 20,831 \\ \hline \end{array}$$

Score: /6

5-Digit by 5-Digit Multiplication (D) Answers

Name: _____

Date: _____

Calculate each product.

$$\begin{array}{r} 91,645 \\ \times 93,252 \\ \hline 183,290 \\ 4,582,250 \\ 18,329,000 \\ 274,935,000 \\ 8,248,050,000 \\ \hline 8,546,079,540 \end{array}$$

$$\begin{array}{r} 91,314 \\ \times 68,412 \\ \hline 182,628 \\ 913,140 \\ 36,525,600 \\ 730,512,000 \\ 5,478,840,000 \\ \hline 6,246,973,368 \end{array}$$

$$\begin{array}{r} 37,527 \\ \times 44,188 \\ \hline 300,216 \\ 3,002,160 \\ 3,752,700 \\ 150,108,000 \\ 1,501,080,000 \\ \hline 1,658,243,076 \end{array}$$

$$\begin{array}{r} 52,335 \\ \times 46,523 \\ \hline 157,005 \\ 1,046,700 \\ 26,167,500 \\ 314,010,000 \\ 2,093,400,000 \\ \hline 2,434,781,205 \end{array}$$

$$\begin{array}{r} 98,001 \\ \times 36,205 \\ \hline 490,005 \\ 19,600,200 \\ 588,006,000 \\ 2,940,030,000 \\ \hline 3,548,126,205 \end{array}$$

$$\begin{array}{r} 86,639 \\ \times 20,831 \\ \hline 86,639 \\ 2,599,170 \\ 69,311,200 \\ 1,732,780,000 \\ \hline 1,804,777,009 \end{array}$$

Score: /6

5-Digit by 5-Digit Multiplication (E)

Name: _____

Date: _____

Calculate each product.

$$\begin{array}{r} 62,659 \\ \times 39,589 \\ \hline \end{array}$$

$$\begin{array}{r} 24,388 \\ \times 11,096 \\ \hline \end{array}$$

$$\begin{array}{r} 55,840 \\ \times 83,962 \\ \hline \end{array}$$

$$\begin{array}{r} 93,325 \\ \times 31,041 \\ \hline \end{array}$$

$$\begin{array}{r} 12,086 \\ \times 96,366 \\ \hline \end{array}$$

$$\begin{array}{r} 24,806 \\ \times 59,129 \\ \hline \end{array}$$

Score: /6

5-Digit by 5-Digit Multiplication (E) Answers

Name: _____

Date: _____

Calculate each product.

$$\begin{array}{r} 62,659 \\ \times 39,589 \\ \hline 563,931 \\ 5,012,720 \\ 31,329,500 \\ 563,931,000 \\ 1,879,770,000 \\ \hline 2,480,607,151 \end{array}$$

$$\begin{array}{r} 24,388 \\ \times 11,096 \\ \hline 146,328 \\ 2,194,920 \\ 24,388,000 \\ 243,880,000 \\ \hline 270,609,248 \end{array}$$

$$\begin{array}{r} 55,840 \\ \times 83,962 \\ \hline 111,680 \\ 3,350,400 \\ 50,256,000 \\ 167,520,000 \\ 4,467,200,000 \\ \hline 4,688,438,080 \end{array}$$

$$\begin{array}{r} 93,325 \\ \times 31,041 \\ \hline 93,325 \\ 3,733,000 \\ 93,325,000 \\ 2,799,750,000 \\ \hline 2,896,901,325 \end{array}$$

$$\begin{array}{r} 12,086 \\ \times 96,366 \\ \hline 72,516 \\ 725,160 \\ 3,625,800 \\ 72,516,000 \\ 1,087,740,000 \\ \hline 1,164,679,476 \end{array}$$

$$\begin{array}{r} 24,806 \\ \times 59,129 \\ \hline 223,254 \\ 496,120 \\ 2,480,600 \\ 223,254,000 \\ 1,240,300,000 \\ \hline 1,466,753,974 \end{array}$$

Score: /6

5-Digit by 5-Digit Multiplication (F)

Name: _____

Date: _____

Calculate each product.

$$\begin{array}{r} 17,938 \\ \times 35,065 \\ \hline \end{array}$$

$$\begin{array}{r} 10,848 \\ \times 22,246 \\ \hline \end{array}$$

$$\begin{array}{r} 96,532 \\ \times 32,316 \\ \hline \end{array}$$

$$\begin{array}{r} 17,071 \\ \times 51,989 \\ \hline \end{array}$$

$$\begin{array}{r} 89,554 \\ \times 85,975 \\ \hline \end{array}$$

$$\begin{array}{r} 88,445 \\ \times 78,600 \\ \hline \end{array}$$

Score: /6

5-Digit by 5-Digit Multiplication (F) Answers

Name: _____

Date: _____

Calculate each product.

$$\begin{array}{r} 17,938 \\ \times 35,065 \\ \hline 89,690 \\ 1,076,280 \\ 89,690,000 \\ 538,140,000 \\ \hline 628,995,970 \end{array}$$

$$\begin{array}{r} 10,848 \\ \times 22,246 \\ \hline 65,088 \\ 433,920 \\ 2,169,600 \\ 21,696,000 \\ 216,960,000 \\ \hline 241,324,608 \end{array}$$

$$\begin{array}{r} 96,532 \\ \times 32,316 \\ \hline 579,192 \\ 965,320 \\ 28,959,600 \\ 193,064,000 \\ 2,895,960,000 \\ \hline 3,119,528,112 \end{array}$$

$$\begin{array}{r} 17,071 \\ \times 51,989 \\ \hline 153,639 \\ 1,365,680 \\ 15,363,900 \\ 17,071,000 \\ 853,550,000 \\ \hline 887,504,219 \end{array}$$

$$\begin{array}{r} 89,554 \\ \times 85,975 \\ \hline 447,770 \\ 6,268,780 \\ 80,598,600 \\ 447,770,000 \\ 7,164,320,000 \\ \hline 7,699,405,150 \end{array}$$

$$\begin{array}{r} 88,445 \\ \times 78,600 \\ \hline 53,067,000 \\ 707,560,000 \\ 6,191,150,000 \\ \hline 6,951,777,000 \end{array}$$

Score: /6

5-Digit by 5-Digit Multiplication (G)

Name: _____

Date: _____

Calculate each product.

$$\begin{array}{r} 81,557 \\ \times 35,877 \\ \hline \end{array}$$

$$\begin{array}{r} 11,252 \\ \times 86,371 \\ \hline \end{array}$$

$$\begin{array}{r} 20,943 \\ \times 36,859 \\ \hline \end{array}$$

$$\begin{array}{r} 72,678 \\ \times 21,181 \\ \hline \end{array}$$

$$\begin{array}{r} 70,767 \\ \times 61,537 \\ \hline \end{array}$$

$$\begin{array}{r} 47,902 \\ \times 13,877 \\ \hline \end{array}$$

Score: /6

5-Digit by 5-Digit Multiplication (G) Answers

Name: _____

Date: _____

Calculate each product.

$$\begin{array}{r} 81,557 \\ \times 35,877 \\ \hline 570,899 \\ 5,708,990 \\ 65,245,600 \\ 407,785,000 \\ 2,446,710,000 \\ \hline 2,926,020,489 \end{array}$$

$$\begin{array}{r} 11,252 \\ \times 86,371 \\ \hline 11,252 \\ 787,640 \\ 3,375,600 \\ 67,512,000 \\ 900,160,000 \\ \hline 971,846,492 \end{array}$$

$$\begin{array}{r} 20,943 \\ \times 36,859 \\ \hline 188,487 \\ 1,047,150 \\ 16,754,400 \\ 125,658,000 \\ 628,290,000 \\ \hline 771,938,037 \end{array}$$

$$\begin{array}{r} 72,678 \\ \times 21,181 \\ \hline 72,678 \\ 5,814,240 \\ 7,267,800 \\ 72,678,000 \\ 1,453,560,000 \\ \hline 1,539,392,718 \end{array}$$

$$\begin{array}{r} 70,767 \\ \times 61,537 \\ \hline 495,369 \\ 2,123,010 \\ 35,383,500 \\ 70,767,000 \\ 4,246,020,000 \\ \hline 4,354,788,879 \end{array}$$

$$\begin{array}{r} 47,902 \\ \times 13,877 \\ \hline 335,314 \\ 3,353,140 \\ 38,321,600 \\ 143,706,000 \\ 479,020,000 \\ \hline 664,736,054 \end{array}$$

Score: /6

5-Digit by 5-Digit Multiplication (H)

Name: _____

Date: _____

Calculate each product.

$$\begin{array}{r} 21,383 \\ \times 56,482 \\ \hline \end{array}$$

$$\begin{array}{r} 88,279 \\ \times 60,843 \\ \hline \end{array}$$

$$\begin{array}{r} 88,589 \\ \times 31,647 \\ \hline \end{array}$$

$$\begin{array}{r} 68,516 \\ \times 63,675 \\ \hline \end{array}$$

$$\begin{array}{r} 42,975 \\ \times 45,199 \\ \hline \end{array}$$

$$\begin{array}{r} 12,336 \\ \times 52,781 \\ \hline \end{array}$$

Score: /6

5-Digit by 5-Digit Multiplication (H) Answers

Name: _____

Date: _____

Calculate each product.

$$\begin{array}{r} 21,383 \\ \times 56,482 \\ \hline 42,766 \\ 1,710,640 \\ 8,553,200 \\ 128,298,000 \\ 1,069,150,000 \\ \hline 1,207,754,606 \end{array}$$

$$\begin{array}{r} 88,279 \\ \times 60,843 \\ \hline 264,837 \\ 3,531,160 \\ 70,623,200 \\ 5,296,740,000 \\ \hline 5,371,159,197 \end{array}$$

$$\begin{array}{r} 88,589 \\ \times 31,647 \\ \hline 620,123 \\ 3,543,560 \\ 53,153,400 \\ 88,589,000 \\ 2,657,670,000 \\ \hline 2,803,576,083 \end{array}$$

$$\begin{array}{r} 68,516 \\ \times 63,675 \\ \hline 342,580 \\ 4,796,120 \\ 41,109,600 \\ 205,548,000 \\ 4,110,960,000 \\ \hline 4,362,756,300 \end{array}$$

$$\begin{array}{r} 42,975 \\ \times 45,199 \\ \hline 386,775 \\ 3,867,750 \\ 4,297,500 \\ 214,875,000 \\ 1,719,000,000 \\ \hline 1,942,427,025 \end{array}$$

$$\begin{array}{r} 12,336 \\ \times 52,781 \\ \hline 12,336 \\ 986,880 \\ 8,635,200 \\ 24,672,000 \\ 616,800,000 \\ \hline 651,106,416 \end{array}$$

Score: /6

5-Digit by 5-Digit Multiplication (I)

Name: _____

Date: _____

Calculate each product.

$$\begin{array}{r} 28,868 \\ \times 52,381 \\ \hline \end{array}$$

$$\begin{array}{r} 66,925 \\ \times 59,931 \\ \hline \end{array}$$

$$\begin{array}{r} 36,077 \\ \times 70,824 \\ \hline \end{array}$$

$$\begin{array}{r} 54,490 \\ \times 39,650 \\ \hline \end{array}$$

$$\begin{array}{r} 38,302 \\ \times 71,459 \\ \hline \end{array}$$

$$\begin{array}{r} 58,670 \\ \times 48,044 \\ \hline \end{array}$$

Score: /6

5-Digit by 5-Digit Multiplication (I) Answers

Name: _____

Date: _____

Calculate each product.

$$\begin{array}{r} 28,868 \\ \times 52,381 \\ \hline 28,868 \\ 2,309,440 \\ 8,660,400 \\ 57,736,000 \\ 1,443,400,000 \\ \hline 1,512,134,708 \end{array}$$

$$\begin{array}{r} 66,925 \\ \times 59,931 \\ \hline 66,925 \\ 2,007,750 \\ 60,232,500 \\ 602,325,000 \\ 3,346,250,000 \\ \hline 4,010,882,175 \end{array}$$

$$\begin{array}{r} 36,077 \\ \times 70,824 \\ \hline 144,308 \\ 721,540 \\ 28,861,600 \\ 2,525,390,000 \\ \hline 2,555,117,448 \end{array}$$

$$\begin{array}{r} 54,490 \\ \times 39,650 \\ \hline 2,724,500 \\ 32,694,000 \\ 490,410,000 \\ 1,634,700,000 \\ \hline 2,160,528,500 \end{array}$$

$$\begin{array}{r} 38,302 \\ \times 71,459 \\ \hline 344,718 \\ 1,915,100 \\ 15,320,800 \\ 38,302,000 \\ 2,681,140,000 \\ \hline 2,737,022,618 \end{array}$$

$$\begin{array}{r} 58,670 \\ \times 48,044 \\ \hline 234,680 \\ 2,346,800 \\ 469,360,000 \\ 2,346,800,000 \\ \hline 2,818,741,480 \end{array}$$

Score: /6

5-Digit by 5-Digit Multiplication (J)

Name: _____

Date: _____

Calculate each product.

$$\begin{array}{r} 22,453 \\ \times 28,672 \\ \hline \end{array}$$

$$\begin{array}{r} 63,080 \\ \times 81,188 \\ \hline \end{array}$$

$$\begin{array}{r} 74,928 \\ \times 54,228 \\ \hline \end{array}$$

$$\begin{array}{r} 54,980 \\ \times 69,424 \\ \hline \end{array}$$

$$\begin{array}{r} 63,915 \\ \times 15,594 \\ \hline \end{array}$$

$$\begin{array}{r} 15,321 \\ \times 48,179 \\ \hline \end{array}$$

Score: /6

5-Digit by 5-Digit Multiplication (J) Answers

Name: _____

Date: _____

Calculate each product.

$$\begin{array}{r} 22,453 \\ \times 28,672 \\ \hline 44,906 \\ 1,571,710 \\ 13,471,800 \\ 179,624,000 \\ 449,060,000 \\ \hline 643,772,416 \end{array}$$

$$\begin{array}{r} 63,080 \\ \times 81,188 \\ \hline 504,640 \\ 5,046,400 \\ 6,308,000 \\ 63,080,000 \\ 5,046,400,000 \\ \hline 5,121,339,040 \end{array}$$

$$\begin{array}{r} 74,928 \\ \times 54,228 \\ \hline 599,424 \\ 1,498,560 \\ 14,985,600 \\ 299,712,000 \\ 3,746,400,000 \\ \hline 4,063,195,584 \end{array}$$

$$\begin{array}{r} 54,980 \\ \times 69,424 \\ \hline 219,920 \\ 1,099,600 \\ 21,992,000 \\ 494,820,000 \\ 3,298,800,000 \\ \hline 3,816,931,520 \end{array}$$

$$\begin{array}{r} 63,915 \\ \times 15,594 \\ \hline 255,660 \\ 5,752,350 \\ 31,957,500 \\ 319,575,000 \\ 639,150,000 \\ \hline 996,690,510 \end{array}$$

$$\begin{array}{r} 15,321 \\ \times 48,179 \\ \hline 137,889 \\ 1,072,470 \\ 1,532,100 \\ 122,568,000 \\ 612,840,000 \\ \hline 738,150,459 \end{array}$$

Score: /6