

8-Digit by 5-Digit Multiplication (A)

Name: _____

Date: _____

Calculate each product.

$$\begin{array}{r} 42,976,767 \\ \times 11,796 \\ \hline \end{array}$$

$$\begin{array}{r} 22,026,691 \\ \times 20,342 \\ \hline \end{array}$$

$$\begin{array}{r} 76,911,682 \\ \times 96,534 \\ \hline \end{array}$$

$$\begin{array}{r} 17,466,353 \\ \times 98,592 \\ \hline \end{array}$$

$$\begin{array}{r} 13,251,251 \\ \times 30,170 \\ \hline \end{array}$$

$$\begin{array}{r} 67,571,914 \\ \times 30,229 \\ \hline \end{array}$$

Score: /6

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

Name: _____

Date: _____

Calculate each product.

$$\begin{array}{r} 42,976,767 \\ \times 11,796 \\ \hline 257,860,602 \\ 3,867,909,030 \\ 30,083,736,900 \\ 42,976,767,000 \\ \hline 429,767,670,000 \\ \hline 506,953,943,532 \end{array}$$

$$\begin{array}{r} 22,026,691 \\ \times 20,342 \\ \hline 44,053,382 \\ 881,067,640 \\ 6,608,007,300 \\ \hline 440,533,820,000 \\ \hline 448,066,948,322 \end{array}$$

$$\begin{array}{r} 76,911,682 \\ \times 96,534 \\ \hline 307,646,728 \\ 2,307,350,460 \\ 38,455,841,000 \\ 461,470,092,000 \\ \hline 6,922,051,380,000 \\ \hline 7,424,592,310,188 \end{array}$$

$$\begin{array}{r} 17,466,353 \\ \times 98,592 \\ \hline 34,932,706 \\ 1,571,971,770 \\ 8,733,176,500 \\ 139,730,824,000 \\ \hline 1,571,971,770,000 \\ \hline 1,722,042,674,976 \end{array}$$

$$\begin{array}{r} 13,251,251 \\ \times 30,170 \\ \hline 927,587,570 \\ 1,325,125,100 \\ \hline 397,537,530,000 \\ \hline 399,790,242,670 \end{array}$$

$$\begin{array}{r} 67,571,914 \\ \times 30,229 \\ \hline 608,147,226 \\ 1,351,438,280 \\ 13,514,382,800 \\ \hline 2,027,157,420,000 \\ \hline 2,042,631,388,306 \end{array}$$

Score: /6

8-Digit by 5-Digit Multiplication (B)

Name: _____

Date: _____

Calculate each product.

$$\begin{array}{r} 98,802,020 \\ \times 70,280 \\ \hline \end{array}$$

$$\begin{array}{r} 96,533,480 \\ \times 51,243 \\ \hline \end{array}$$

$$\begin{array}{r} 44,328,107 \\ \times 97,785 \\ \hline \end{array}$$

$$\begin{array}{r} 14,754,671 \\ \times 64,800 \\ \hline \end{array}$$

$$\begin{array}{r} 96,397,266 \\ \times 21,430 \\ \hline \end{array}$$

$$\begin{array}{r} 78,340,554 \\ \times 51,622 \\ \hline \end{array}$$

Score: /6

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

Name: _____

Date: _____

Calculate each product.

$$\begin{array}{r} 98,802,020 \\ \times 70,280 \\ \hline 7,904,161,600 \\ 19,760,404,000 \\ 6,916,141,400,000 \\ \hline 6,943,805,965,600 \end{array}$$

$$\begin{array}{r} 96,533,480 \\ \times 51,243 \\ \hline 289,600,440 \\ 3,861,339,200 \\ 19,306,696,000 \\ 96,533,480,000 \\ 4,826,674,000,000 \\ \hline 4,946,665,115,640 \end{array}$$

$$\begin{array}{r} 44,328,107 \\ \times 97,785 \\ \hline 221,640,535 \\ 3,546,248,560 \\ 31,029,674,900 \\ 310,296,749,000 \\ 3,989,529,630,000 \\ \hline 4,334,623,942,995 \end{array}$$

$$\begin{array}{r} 14,754,671 \\ \times 64,800 \\ \hline 11,803,736,800 \\ 59,018,684,000 \\ 885,280,260,000 \\ \hline 956,102,680,800 \end{array}$$

$$\begin{array}{r} 96,397,266 \\ \times 21,430 \\ \hline 2,891,917,980 \\ 38,558,906,400 \\ 96,397,266,000 \\ 1,927,945,320,000 \\ \hline 2,065,793,410,380 \end{array}$$

$$\begin{array}{r} 78,340,554 \\ \times 51,622 \\ \hline 156,681,108 \\ 1,566,811,080 \\ 47,004,332,400 \\ 78,340,554,000 \\ 3,917,027,700,000 \\ \hline 4,044,096,078,588 \end{array}$$

Score: /6

8-Digit by 5-Digit Multiplication (C)

Name: _____

Date: _____

Calculate each product.

$$\begin{array}{r} 98,278,961 \\ \times 83,993 \\ \hline \end{array}$$

$$\begin{array}{r} 61,732,504 \\ \times 11,010 \\ \hline \end{array}$$

$$\begin{array}{r} 55,104,498 \\ \times 99,242 \\ \hline \end{array}$$

$$\begin{array}{r} 57,955,718 \\ \times 53,241 \\ \hline \end{array}$$

$$\begin{array}{r} 94,617,659 \\ \times 22,608 \\ \hline \end{array}$$

$$\begin{array}{r} 90,565,726 \\ \times 40,354 \\ \hline \end{array}$$

Score: /6

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

Name: _____

Date: _____

Calculate each product.

$$\begin{array}{r} 98,278,961 \\ \times 83,993 \\ \hline 294,836,883 \\ 8,845,106,490 \\ 88,451,064,900 \\ 294,836,883,000 \\ 7,862,316,880,000 \\ \hline 8,254,744,771,273 \end{array}$$

$$\begin{array}{r} 61,732,504 \\ \times 11,010 \\ \hline 617,325,040 \\ 61,732,504,000 \\ 617,325,040,000 \\ \hline 679,674,869,040 \end{array}$$

$$\begin{array}{r} 55,104,498 \\ \times 99,242 \\ \hline 110,208,996 \\ 2,204,179,920 \\ 11,020,899,600 \\ 495,940,482,000 \\ 4,959,404,820,000 \\ \hline 5,468,680,590,516 \end{array}$$

$$\begin{array}{r} 57,955,718 \\ \times 53,241 \\ \hline 57,955,718 \\ 2,318,228,720 \\ 11,591,143,600 \\ 173,867,154,000 \\ 2,897,785,900,000 \\ \hline 3,085,620,382,038 \end{array}$$

$$\begin{array}{r} 94,617,659 \\ \times 22,608 \\ \hline 756,941,272 \\ 56,770,595,400 \\ 189,235,318,000 \\ 1,892,353,180,000 \\ \hline 2,139,116,034,672 \end{array}$$

$$\begin{array}{r} 90,565,726 \\ \times 40,354 \\ \hline 362,262,904 \\ 4,528,286,300 \\ 27,169,717,800 \\ 3,622,629,040,000 \\ \hline 3,654,689,307,004 \end{array}$$

Score: /6

8-Digit by 5-Digit Multiplication (D)

Name: _____

Date: _____

Calculate each product.

$$\begin{array}{r} 51,242,136 \\ \times 26,157 \\ \hline \end{array}$$

$$\begin{array}{r} 13,186,219 \\ \times 22,459 \\ \hline \end{array}$$

$$\begin{array}{r} 55,844,738 \\ \times 90,174 \\ \hline \end{array}$$

$$\begin{array}{r} 80,997,097 \\ \times 14,063 \\ \hline \end{array}$$

$$\begin{array}{r} 20,786,332 \\ \times 79,657 \\ \hline \end{array}$$

$$\begin{array}{r} 98,489,141 \\ \times 10,156 \\ \hline \end{array}$$

Score: /6

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

Name: _____

Date: _____

Calculate each product.

$$\begin{array}{r} 51,242,136 \\ \times 26,157 \\ \hline 358,694,952 \\ 2,562,106,800 \\ 5,124,213,600 \\ 307,452,816,000 \\ 1,024,842,720,000 \\ \hline 1,340,340,551,352 \end{array}$$

$$\begin{array}{r} 13,186,219 \\ \times 22,459 \\ \hline 118,675,971 \\ 659,310,950 \\ 5,274,487,600 \\ 26,372,438,000 \\ 263,724,380,000 \\ \hline 296,149,292,521 \end{array}$$

$$\begin{array}{r} 55,844,738 \\ \times 90,174 \\ \hline 223,378,952 \\ 3,909,131,660 \\ 5,584,473,800 \\ 5,026,026,420,000 \\ \hline 5,035,743,404,412 \end{array}$$

$$\begin{array}{r} 80,997,097 \\ \times 14,063 \\ \hline 242,991,291 \\ 4,859,825,820 \\ 323,988,388,000 \\ 809,970,970,000 \\ \hline 1,139,062,175,111 \end{array}$$

$$\begin{array}{r} 20,786,332 \\ \times 79,657 \\ \hline 145,504,324 \\ 1,039,316,600 \\ 12,471,799,200 \\ 187,076,988,000 \\ 1,455,043,240,000 \\ \hline 1,655,776,848,124 \end{array}$$

$$\begin{array}{r} 98,489,141 \\ \times 10,156 \\ \hline 590,934,846 \\ 4,924,457,050 \\ 9,848,914,100 \\ 984,891,410,000 \\ \hline 1,000,255,715,996 \end{array}$$

Score: /6

8-Digit by 5-Digit Multiplication (E)

Name: _____

Date: _____

Calculate each product.

$$\begin{array}{r} 59,055,675 \\ \times 18,870 \\ \hline \end{array}$$

$$\begin{array}{r} 87,289,958 \\ \times 45,071 \\ \hline \end{array}$$

$$\begin{array}{r} 50,196,263 \\ \times 39,795 \\ \hline \end{array}$$

$$\begin{array}{r} 96,668,960 \\ \times 89,640 \\ \hline \end{array}$$

$$\begin{array}{r} 90,728,847 \\ \times 91,545 \\ \hline \end{array}$$

$$\begin{array}{r} 96,838,217 \\ \times 44,815 \\ \hline \end{array}$$

Score: /6

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

Name: _____

Date: _____

Calculate each product.

$$\begin{array}{r} 59,055,675 \\ \times 18,870 \\ \hline 4,133,897,250 \\ 47,244,540,000 \\ 472,445,400,000 \\ 590,556,750,000 \\ \hline 1,114,380,587,250 \end{array}$$

$$\begin{array}{r} 87,289,958 \\ \times 45,071 \\ \hline 87,289,958 \\ 6,110,297,060 \\ 436,449,790,000 \\ 3,491,598,320,000 \\ \hline 3,934,245,697,018 \end{array}$$

$$\begin{array}{r} 50,196,263 \\ \times 39,795 \\ \hline 250,981,315 \\ 4,517,663,670 \\ 35,137,384,100 \\ 451,766,367,000 \\ 1,505,887,890,000 \\ \hline 1,997,560,286,085 \end{array}$$

$$\begin{array}{r} 96,668,960 \\ \times 89,640 \\ \hline 3,866,758,400 \\ 58,001,376,000 \\ 870,020,640,000 \\ 7,733,516,800,000 \\ \hline 8,665,405,574,400 \end{array}$$

$$\begin{array}{r} 90,728,847 \\ \times 91,545 \\ \hline 453,644,235 \\ 3,629,153,880 \\ 45,364,423,500 \\ 90,728,847,000 \\ 8,165,596,230,000 \\ \hline 8,305,772,298,615 \end{array}$$

$$\begin{array}{r} 96,838,217 \\ \times 44,815 \\ \hline 484,191,085 \\ 968,382,170 \\ 77,470,573,600 \\ 387,352,868,000 \\ 3,873,528,680,000 \\ \hline 4,339,804,694,855 \end{array}$$

Score: /6

8-Digit by 5-Digit Multiplication (F)

Name: _____

Date: _____

Calculate each product.

$$\begin{array}{r} 49,581,058 \\ \times 22,673 \\ \hline \end{array}$$

$$\begin{array}{r} 13,244,613 \\ \times 19,625 \\ \hline \end{array}$$

$$\begin{array}{r} 75,890,403 \\ \times 60,146 \\ \hline \end{array}$$

$$\begin{array}{r} 67,309,467 \\ \times 42,817 \\ \hline \end{array}$$

$$\begin{array}{r} 97,740,579 \\ \times 67,027 \\ \hline \end{array}$$

$$\begin{array}{r} 98,533,757 \\ \times 51,680 \\ \hline \end{array}$$

Score: /6

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

Name: _____

Date: _____

Calculate each product.

$$\begin{array}{r} 49,581,058 \\ \times 22,673 \\ \hline 148,743,174 \\ 3,470,674,060 \\ 29,748,634,800 \\ 99,162,116,000 \\ 991,621,160,000 \\ \hline 1,124,151,328,034 \end{array}$$

$$\begin{array}{r} 13,244,613 \\ \times 19,625 \\ \hline 66,223,065 \\ 264,892,260 \\ 7,946,767,800 \\ 119,201,517,000 \\ 132,446,130,000 \\ \hline 259,925,530,125 \end{array}$$

$$\begin{array}{r} 75,890,403 \\ \times 60,146 \\ \hline 455,342,418 \\ 3,035,616,120 \\ 7,589,040,300 \\ 4,553,424,180,000 \\ \hline 4,564,504,178,838 \end{array}$$

$$\begin{array}{r} 67,309,467 \\ \times 42,817 \\ \hline 471,166,269 \\ 673,094,670 \\ 53,847,573,600 \\ 134,618,934,000 \\ 2,692,378,680,000 \\ \hline 2,881,989,448,539 \end{array}$$

$$\begin{array}{r} 97,740,579 \\ \times 67,027 \\ \hline 684,184,053 \\ 1,954,811,580 \\ 684,184,053,000 \\ 5,864,434,740,000 \\ \hline 6,551,257,788,633 \end{array}$$

$$\begin{array}{r} 98,533,757 \\ \times 51,680 \\ \hline 7,882,700,560 \\ 59,120,254,200 \\ 98,533,757,000 \\ 4,926,687,850,000 \\ \hline 5,092,224,561,760 \end{array}$$

Score: /6

8-Digit by 5-Digit Multiplication (G)

Name: _____

Date: _____

Calculate each product.

$$\begin{array}{r} 87,271,720 \\ \times 71,788 \\ \hline \end{array}$$

$$\begin{array}{r} 87,479,136 \\ \times 52,655 \\ \hline \end{array}$$

$$\begin{array}{r} 37,849,882 \\ \times 18,294 \\ \hline \end{array}$$

$$\begin{array}{r} 64,571,665 \\ \times 84,026 \\ \hline \end{array}$$

$$\begin{array}{r} 86,895,467 \\ \times 10,771 \\ \hline \end{array}$$

$$\begin{array}{r} 29,348,245 \\ \times 61,784 \\ \hline \end{array}$$

Score: /6

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

Name: _____

Date: _____

Calculate each product.

$$\begin{array}{r} 87,271,720 \\ \times 71,788 \\ \hline 698,173,760 \\ 6,981,737,600 \\ 61,090,204,000 \\ 87,271,720,000 \\ \hline 6,109,020,400,000 \\ \hline 6,265,062,235,360 \end{array}$$

$$\begin{array}{r} 87,479,136 \\ \times 52,655 \\ \hline 437,395,680 \\ 4,373,956,800 \\ 52,487,481,600 \\ 174,958,272,000 \\ \hline 4,373,956,800,000 \\ \hline 4,606,213,906,080 \end{array}$$

$$\begin{array}{r} 37,849,882 \\ \times 18,294 \\ \hline 151,399,528 \\ 3,406,489,380 \\ 7,569,976,400 \\ 302,799,056,000 \\ 378,498,820,000 \\ \hline 692,425,741,308 \end{array}$$

$$\begin{array}{r} 64,571,665 \\ \times 84,026 \\ \hline 387,429,990 \\ 1,291,433,300 \\ 258,286,660,000 \\ 5,165,733,200,000 \\ \hline 5,425,698,723,290 \end{array}$$

$$\begin{array}{r} 86,895,467 \\ \times 10,771 \\ \hline 86,895,467 \\ 6,082,682,690 \\ 60,826,826,900 \\ 868,954,670,000 \\ \hline 935,951,075,057 \end{array}$$

$$\begin{array}{r} 29,348,245 \\ \times 61,784 \\ \hline 117,392,980 \\ 2,347,859,600 \\ 20,543,771,500 \\ 29,348,245,000 \\ 1,760,894,700,000 \\ \hline 1,813,251,969,080 \end{array}$$

Score: /6

8-Digit by 5-Digit Multiplication (H)

Name: _____

Date: _____

Calculate each product.

$$\begin{array}{r} 33,647,115 \\ \times 11,931 \\ \hline \end{array}$$

$$\begin{array}{r} 17,269,912 \\ \times 95,938 \\ \hline \end{array}$$

$$\begin{array}{r} 84,975,613 \\ \times 61,406 \\ \hline \end{array}$$

$$\begin{array}{r} 82,274,074 \\ \times 14,625 \\ \hline \end{array}$$

$$\begin{array}{r} 16,251,405 \\ \times 59,801 \\ \hline \end{array}$$

$$\begin{array}{r} 32,079,022 \\ \times 88,387 \\ \hline \end{array}$$

Score: /6

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

Name: _____

Date: _____

Calculate each product.

$$\begin{array}{r} 33,647,115 \\ \times 11,931 \\ \hline 33,647,115 \\ 1,009,413,450 \\ 30,282,403,500 \\ 33,647,115,000 \\ \hline 336,471,150,000 \\ \hline 401,443,729,065 \end{array}$$

$$\begin{array}{r} 17,269,912 \\ \times 95,938 \\ \hline 138,159,296 \\ 518,097,360 \\ 15,542,920,800 \\ 86,349,560,000 \\ \hline 1,554,292,080,000 \\ \hline 1,656,840,817,456 \end{array}$$

$$\begin{array}{r} 84,975,613 \\ \times 61,406 \\ \hline 509,853,678 \\ 33,990,245,200 \\ 84,975,613,000 \\ \hline 5,098,536,780,000 \\ \hline 5,218,012,491,878 \end{array}$$

$$\begin{array}{r} 82,274,074 \\ \times 14,625 \\ \hline 411,370,370 \\ 1,645,481,480 \\ 49,364,444,400 \\ 329,096,296,000 \\ \hline 822,740,740,000 \\ \hline 1,203,258,332,250 \end{array}$$

$$\begin{array}{r} 16,251,405 \\ \times 59,801 \\ \hline 16,251,405 \\ 13,001,124,000 \\ 146,262,645,000 \\ 812,570,250,000 \\ \hline 971,850,270,405 \end{array}$$

$$\begin{array}{r} 32,079,022 \\ \times 88,387 \\ \hline 224,553,154 \\ 2,566,321,760 \\ 9,623,706,600 \\ 256,632,176,000 \\ \hline 2,566,321,760,000 \\ \hline 2,835,368,517,514 \end{array}$$

Score: /6

8-Digit by 5-Digit Multiplication (I)

Name: _____

Date: _____

Calculate each product.

$$\begin{array}{r} 40,395,324 \\ \times 89,567 \\ \hline \end{array}$$

$$\begin{array}{r} 32,880,338 \\ \times 42,785 \\ \hline \end{array}$$

$$\begin{array}{r} 16,452,268 \\ \times 85,016 \\ \hline \end{array}$$

$$\begin{array}{r} 12,050,985 \\ \times 77,126 \\ \hline \end{array}$$

$$\begin{array}{r} 15,005,331 \\ \times 17,644 \\ \hline \end{array}$$

$$\begin{array}{r} 47,914,853 \\ \times 20,408 \\ \hline \end{array}$$

Score: /6

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

Name: _____

Date: _____

Calculate each product.

$$\begin{array}{r} 40,395,324 \\ \times 89,567 \\ \hline 282,767,268 \\ 2,423,719,440 \\ 20,197,662,000 \\ 363,557,916,000 \\ 3,231,625,920,000 \\ \hline 3,618,087,984,708 \end{array}$$

$$\begin{array}{r} 32,880,338 \\ \times 42,785 \\ \hline 164,401,690 \\ 2,630,427,040 \\ 23,016,236,600 \\ 65,760,676,000 \\ 1,315,213,520,000 \\ \hline 1,406,785,261,330 \end{array}$$

$$\begin{array}{r} 16,452,268 \\ \times 85,016 \\ \hline 98,713,608 \\ 164,522,680 \\ 82,261,340,000 \\ 1,316,181,440,000 \\ \hline 1,398,706,016,288 \end{array}$$

$$\begin{array}{r} 12,050,985 \\ \times 77,126 \\ \hline 72,305,910 \\ 241,019,700 \\ 1,205,098,500 \\ 84,356,895,000 \\ 843,568,950,000 \\ \hline 929,444,269,110 \end{array}$$

$$\begin{array}{r} 15,005,331 \\ \times 17,644 \\ \hline 60,021,324 \\ 600,213,240 \\ 9,003,198,600 \\ 105,037,317,000 \\ 150,053,310,000 \\ \hline 264,754,060,164 \end{array}$$

$$\begin{array}{r} 47,914,853 \\ \times 20,408 \\ \hline 383,318,824 \\ 19,165,941,200 \\ 958,297,060,000 \\ \hline 977,846,320,024 \end{array}$$

Score: /6

8-Digit by 5-Digit Multiplication (J)

Name: _____

Date: _____

Calculate each product.

$$\begin{array}{r} 84,598,530 \\ \times 57,021 \\ \hline \end{array}$$

$$\begin{array}{r} 79,087,540 \\ \times 64,592 \\ \hline \end{array}$$

$$\begin{array}{r} 28,688,454 \\ \times 17,399 \\ \hline \end{array}$$

$$\begin{array}{r} 86,396,516 \\ \times 56,332 \\ \hline \end{array}$$

$$\begin{array}{r} 89,905,887 \\ \times 16,891 \\ \hline \end{array}$$

$$\begin{array}{r} 27,778,303 \\ \times 73,181 \\ \hline \end{array}$$

Score: /6

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

Name: _____

Date: _____

Calculate each product.

$$\begin{array}{r} 84,598,530 \\ \times 57,021 \\ \hline 84,598,530 \\ 1,691,970,600 \\ 592,189,710,000 \\ 4,229,926,500,000 \\ \hline 4,823,892,779,130 \end{array}$$

$$\begin{array}{r} 79,087,540 \\ \times 64,592 \\ \hline 158,175,080 \\ 7,117,878,600 \\ 39,543,770,000 \\ 316,350,160,000 \\ \hline 4,745,252,400,000 \\ 5,108,422,383,680 \end{array}$$

$$\begin{array}{r} 28,688,454 \\ \times 17,399 \\ \hline 258,196,086 \\ 2,581,960,860 \\ 8,606,536,200 \\ 200,819,178,000 \\ 286,884,540,000 \\ \hline 499,150,411,146 \end{array}$$

$$\begin{array}{r} 86,396,516 \\ \times 56,332 \\ \hline 172,793,032 \\ 2,591,895,480 \\ 25,918,954,800 \\ 518,379,096,000 \\ 4,319,825,800,000 \\ \hline 4,866,888,539,312 \end{array}$$

$$\begin{array}{r} 89,905,887 \\ \times 16,891 \\ \hline 89,905,887 \\ 8,091,529,830 \\ 71,924,709,600 \\ 539,435,322,000 \\ 899,058,870,000 \\ \hline 1,518,600,337,317 \end{array}$$

$$\begin{array}{r} 27,778,303 \\ \times 73,181 \\ \hline 27,778,303 \\ 2,222,264,240 \\ 2,777,830,300 \\ 83,334,909,000 \\ 1,944,481,210,000 \\ \hline 2,032,843,991,843 \end{array}$$

Score: /6