

6-Digit by 6-Digit Multiplication (A)

Name: _____

Date: _____

Calculate each product.

$$\begin{array}{r} 259,213 \\ \times 477,101 \\ \hline \end{array}$$

$$\begin{array}{r} 155,176 \\ \times 133,742 \\ \hline \end{array}$$

$$\begin{array}{r} 882,883 \\ \times 492,836 \\ \hline \end{array}$$

$$\begin{array}{r} 621,258 \\ \times 334,703 \\ \hline \end{array}$$

$$\begin{array}{r} 623,224 \\ \times 970,902 \\ \hline \end{array}$$

$$\begin{array}{r} 564,880 \\ \times 955,839 \\ \hline \end{array}$$

Score: /6

6-Digit by 6-Digit Multiplication (A) Answers

Name: _____

Date: _____

Calculate each product.

$$\begin{array}{r} 259,213 \\ \times 477,101 \\ \hline 259,213 \\ 25,921,300 \\ 1,814,491,000 \\ 18,144,910,000 \\ \hline 103,685,200,000 \\ \hline 123,670,781,513 \end{array}$$

$$\begin{array}{r} 155,176 \\ \times 133,742 \\ \hline 310,352 \\ 6,207,040 \\ 108,623,200 \\ 465,528,000 \\ \hline 4,655,280,000 \\ \hline 15,517,600,000 \\ \hline 20,753,548,592 \end{array}$$

$$\begin{array}{r} 882,883 \\ \times 492,836 \\ \hline 5,297,298 \\ 26,486,490 \\ 706,306,400 \\ 1,765,766,000 \\ \hline 79,459,470,000 \\ \hline 353,153,200,000 \\ \hline 435,116,526,188 \end{array}$$

$$\begin{array}{r} 621,258 \\ \times 334,703 \\ \hline 1,863,774 \\ 434,880,600 \\ 2,485,032,000 \\ 18,637,740,000 \\ \hline 186,377,400,000 \\ \hline 207,936,916,374 \end{array}$$

$$\begin{array}{r} 623,224 \\ \times 970,902 \\ \hline 1,246,448 \\ 560,901,600 \\ 43,625,680,000 \\ \hline 560,901,600,000 \\ \hline 605,089,428,048 \end{array}$$

$$\begin{array}{r} 564,880 \\ \times 955,839 \\ \hline 5,083,920 \\ 16,946,400 \\ 451,904,000 \\ 2,824,400,000 \\ \hline 28,244,000,000 \\ \hline 508,392,000,000 \\ \hline 539,934,334,320 \end{array}$$

Score: /6

6-Digit by 6-Digit Multiplication (B)

Name: _____

Date: _____

Calculate each product.

$$\begin{array}{r} 653,901 \\ \times 840,285 \\ \hline \end{array}$$

$$\begin{array}{r} 993,272 \\ \times 657,285 \\ \hline \end{array}$$

$$\begin{array}{r} 143,905 \\ \times 211,631 \\ \hline \end{array}$$

$$\begin{array}{r} 301,196 \\ \times 839,788 \\ \hline \end{array}$$

$$\begin{array}{r} 869,558 \\ \times 667,239 \\ \hline \end{array}$$

$$\begin{array}{r} 870,873 \\ \times 946,500 \\ \hline \end{array}$$

Score: /6

6-Digit by 6-Digit Multiplication (B) Answers

Name: _____

Date: _____

Calculate each product.

$$\begin{array}{r} 653,901 \\ \times 840,285 \\ \hline 3,269,505 \\ 52,312,080 \\ 130,780,200 \\ 26,156,040,000 \\ 523,120,800,000 \\ \hline 549,463,201,785 \end{array}$$

$$\begin{array}{r} 993,272 \\ \times 657,285 \\ \hline 4,966,360 \\ 79,461,760 \\ 198,654,400 \\ 6,952,904,000 \\ 49,663,600,000 \\ 595,963,200,000 \\ \hline 652,862,786,520 \end{array}$$

$$\begin{array}{r} 143,905 \\ \times 211,631 \\ \hline 143,905 \\ 4,317,150 \\ 86,343,000 \\ 143,905,000 \\ 1,439,050,000 \\ 28,781,000,000 \\ \hline 30,454,759,055 \end{array}$$

$$\begin{array}{r} 301,196 \\ \times 839,788 \\ \hline 2,409,568 \\ 24,095,680 \\ 210,837,200 \\ 2,710,764,000 \\ 9,035,880,000 \\ 240,956,800,000 \\ \hline 252,940,786,448 \end{array}$$

$$\begin{array}{r} 869,558 \\ \times 667,239 \\ \hline 7,826,022 \\ 26,086,740 \\ 173,911,600 \\ 6,086,906,000 \\ 52,173,480,000 \\ 521,734,800,000 \\ \hline 580,203,010,362 \end{array}$$

$$\begin{array}{r} 870,873 \\ \times 946,500 \\ \hline 435,436,500 \\ 5,225,238,000 \\ 34,834,920,000 \\ 783,785,700,000 \\ \hline 824,281,294,500 \end{array}$$

Score: /6

6-Digit by 6-Digit Multiplication (C)

Name: _____

Date: _____

Calculate each product.

$$\begin{array}{r} 975,720 \\ \times 501,052 \\ \hline \end{array}$$

$$\begin{array}{r} 553,424 \\ \times 314,598 \\ \hline \end{array}$$

$$\begin{array}{r} 532,250 \\ \times 683,561 \\ \hline \end{array}$$

$$\begin{array}{r} 789,444 \\ \times 726,090 \\ \hline \end{array}$$

$$\begin{array}{r} 545,702 \\ \times 829,150 \\ \hline \end{array}$$

$$\begin{array}{r} 179,175 \\ \times 917,029 \\ \hline \end{array}$$

Score: /6

6-Digit by 6-Digit Multiplication (C) Answers

Name: _____

Date: _____

Calculate each product.

$$\begin{array}{r} 975,720 \\ \times 501,052 \\ \hline 1,951,440 \\ 48,786,000 \\ 975,720,000 \\ 487,860,000,000 \\ \hline 488,886,457,440 \end{array}$$

$$\begin{array}{r} 553,424 \\ \times 314,598 \\ \hline 4,427,392 \\ 49,808,160 \\ 276,712,000 \\ 2,213,696,000 \\ 5,534,240,000 \\ 166,027,200,000 \\ \hline 174,106,083,552 \end{array}$$

$$\begin{array}{r} 532,250 \\ \times 683,561 \\ \hline 532,250 \\ 31,935,000 \\ 266,125,000 \\ 1,596,750,000 \\ 42,580,000,000 \\ 319,350,000,000 \\ \hline 363,825,342,250 \end{array}$$

$$\begin{array}{r} 789,444 \\ \times 726,090 \\ \hline 71,049,960 \\ 4,736,664,000 \\ 15,788,880,000 \\ 552,610,800,000 \\ \hline 573,207,393,960 \end{array}$$

$$\begin{array}{r} 545,702 \\ \times 829,150 \\ \hline 27,285,100 \\ 54,570,200 \\ 4,911,318,000 \\ 10,914,040,000 \\ 436,561,600,000 \\ \hline 452,468,813,300 \end{array}$$

$$\begin{array}{r} 179,175 \\ \times 917,029 \\ \hline 1,612,575 \\ 3,583,500 \\ 1,254,225,000 \\ 1,791,750,000 \\ 161,257,500,000 \\ \hline 164,308,671,075 \end{array}$$

Score: /6

6-Digit by 6-Digit Multiplication (D)

Name: _____

Date: _____

Calculate each product.

$$\begin{array}{r} 709,422 \\ \times 972,388 \\ \hline \end{array}$$

$$\begin{array}{r} 736,795 \\ \times 242,766 \\ \hline \end{array}$$

$$\begin{array}{r} 687,507 \\ \times 206,522 \\ \hline \end{array}$$

$$\begin{array}{r} 317,271 \\ \times 888,944 \\ \hline \end{array}$$

$$\begin{array}{r} 248,543 \\ \times 930,176 \\ \hline \end{array}$$

$$\begin{array}{r} 629,565 \\ \times 659,503 \\ \hline \end{array}$$

Score: /6

6-Digit by 6-Digit Multiplication (D) Answers

Name: _____

Date: _____

Calculate each product.

$$\begin{array}{r} 709,422 \\ \times 972,388 \\ \hline 5,675,376 \\ 56,753,760 \\ 212,826,600 \\ 1,418,844,000 \\ 49,659,540,000 \\ 638,479,800,000 \\ \hline 689,833,439,736 \end{array}$$

$$\begin{array}{r} 736,795 \\ \times 242,766 \\ \hline 4,420,770 \\ 44,207,700 \\ 515,756,500 \\ 1,473,590,000 \\ 29,471,800,000 \\ 147,359,000,000 \\ \hline 178,868,774,970 \end{array}$$

$$\begin{array}{r} 687,507 \\ \times 206,522 \\ \hline 1,375,014 \\ 13,750,140 \\ 343,753,500 \\ 4,125,042,000 \\ 137,501,400,000 \\ \hline 141,985,320,654 \end{array}$$

$$\begin{array}{r} 317,271 \\ \times 888,944 \\ \hline 1,269,084 \\ 12,690,840 \\ 285,543,900 \\ 2,538,168,000 \\ 25,381,680,000 \\ 253,816,800,000 \\ \hline 282,036,151,824 \end{array}$$

$$\begin{array}{r} 248,543 \\ \times 930,176 \\ \hline 1,491,258 \\ 17,398,010 \\ 24,854,300 \\ 7,456,290,000 \\ 223,688,700,000 \\ \hline 231,188,733,568 \end{array}$$

$$\begin{array}{r} 629,565 \\ \times 659,503 \\ \hline 1,888,695 \\ 314,782,500 \\ 5,666,085,000 \\ 31,478,250,000 \\ 377,739,000,000 \\ \hline 415,200,006,195 \end{array}$$

Score: /6

6-Digit by 6-Digit Multiplication (E)

Name: _____

Date: _____

Calculate each product.

$$\begin{array}{r} 906,901 \\ \times 739,743 \\ \hline \end{array}$$

$$\begin{array}{r} 469,330 \\ \times 365,047 \\ \hline \end{array}$$

$$\begin{array}{r} 598,016 \\ \times 753,234 \\ \hline \end{array}$$

$$\begin{array}{r} 838,732 \\ \times 737,459 \\ \hline \end{array}$$

$$\begin{array}{r} 714,909 \\ \times 257,283 \\ \hline \end{array}$$

$$\begin{array}{r} 528,202 \\ \times 204,438 \\ \hline \end{array}$$

Score: /6

6-Digit by 6-Digit Multiplication (E) Answers

Name: _____

Date: _____

Calculate each product.

$$\begin{array}{r} 906,901 \\ \times 739,743 \\ \hline 2,720,703 \\ 36,276,040 \\ 634,830,700 \\ 8,162,109,000 \\ 27,207,030,000 \\ 634,830,700,000 \\ \hline 670,873,666,443 \end{array}$$

$$\begin{array}{r} 469,330 \\ \times 365,047 \\ \hline 3,285,310 \\ 18,773,200 \\ 2,346,650,000 \\ 28,159,800,000 \\ 140,799,000,000 \\ \hline 171,327,508,510 \end{array}$$

$$\begin{array}{r} 598,016 \\ \times 753,234 \\ \hline 2,392,064 \\ 17,940,480 \\ 119,603,200 \\ 1,794,048,000 \\ 29,900,800,000 \\ 418,611,200,000 \\ \hline 450,445,983,744 \end{array}$$

$$\begin{array}{r} 838,732 \\ \times 737,459 \\ \hline 7,548,588 \\ 41,936,600 \\ 335,492,800 \\ 5,871,124,000 \\ 25,161,960,000 \\ 587,112,400,000 \\ \hline 618,530,461,988 \end{array}$$

$$\begin{array}{r} 714,909 \\ \times 257,283 \\ \hline 2,144,727 \\ 57,192,720 \\ 142,981,800 \\ 5,004,363,000 \\ 35,745,450,000 \\ 142,981,800,000 \\ \hline 183,933,932,247 \end{array}$$

$$\begin{array}{r} 528,202 \\ \times 204,438 \\ \hline 4,225,616 \\ 15,846,060 \\ 211,280,800 \\ 2,112,808,000 \\ 105,640,400,000 \\ \hline 107,984,560,476 \end{array}$$

Score: /6

6-Digit by 6-Digit Multiplication (F)

Name: _____

Date: _____

Calculate each product.

$$\begin{array}{r} 356,506 \\ \times 610,973 \\ \hline \end{array}$$

$$\begin{array}{r} 164,404 \\ \times 709,222 \\ \hline \end{array}$$

$$\begin{array}{r} 635,468 \\ \times 128,252 \\ \hline \end{array}$$

$$\begin{array}{r} 558,807 \\ \times 237,544 \\ \hline \end{array}$$

$$\begin{array}{r} 909,682 \\ \times 567,764 \\ \hline \end{array}$$

$$\begin{array}{r} 761,461 \\ \times 665,482 \\ \hline \end{array}$$

Score: /6

6-Digit by 6-Digit Multiplication (F) Answers

Name: _____

Date: _____

Calculate each product.

$$\begin{array}{r} 356,506 \\ \times 610,973 \\ \hline 1,069,518 \\ 24,955,420 \\ 320,855,400 \\ 3,565,060,000 \\ 213,903,600,000 \\ \hline 217,815,540,338 \end{array}$$

$$\begin{array}{r} 164,404 \\ \times 709,222 \\ \hline 328,808 \\ 3,288,080 \\ 32,880,800 \\ 1,479,636,000 \\ 115,082,800,000 \\ \hline 116,598,933,688 \end{array}$$

$$\begin{array}{r} 635,468 \\ \times 128,252 \\ \hline 1,270,936 \\ 31,773,400 \\ 127,093,600 \\ 5,083,744,000 \\ 12,709,360,000 \\ 63,546,800,000 \\ \hline 81,500,041,936 \end{array}$$

$$\begin{array}{r} 558,807 \\ \times 237,544 \\ \hline 2,235,228 \\ 22,352,280 \\ 279,403,500 \\ 3,911,649,000 \\ 16,764,210,000 \\ 111,761,400,000 \\ \hline 132,741,250,008 \end{array}$$

$$\begin{array}{r} 909,682 \\ \times 567,764 \\ \hline 3,638,728 \\ 54,580,920 \\ 636,777,400 \\ 6,367,774,000 \\ 54,580,920,000 \\ 454,841,000,000 \\ \hline 516,484,691,048 \end{array}$$

$$\begin{array}{r} 761,461 \\ \times 665,482 \\ \hline 1,522,922 \\ 60,916,880 \\ 304,584,400 \\ 3,807,305,000 \\ 45,687,660,000 \\ 456,876,600,000 \\ \hline 506,738,589,202 \end{array}$$

Score: /6

6-Digit by 6-Digit Multiplication (G)

Name: _____

Date: _____

Calculate each product.

$$\begin{array}{r} 237,934 \\ \times 420,013 \\ \hline \end{array}$$

$$\begin{array}{r} 581,437 \\ \times 121,278 \\ \hline \end{array}$$

$$\begin{array}{r} 858,822 \\ \times 747,383 \\ \hline \end{array}$$

$$\begin{array}{r} 887,516 \\ \times 655,838 \\ \hline \end{array}$$

$$\begin{array}{r} 988,617 \\ \times 364,180 \\ \hline \end{array}$$

$$\begin{array}{r} 654,194 \\ \times 566,498 \\ \hline \end{array}$$

Score: /6

6-Digit by 6-Digit Multiplication (G) Answers

Name: _____

Date: _____

Calculate each product.

$$\begin{array}{r} 237,934 \\ \times 420,013 \\ \hline 713,802 \\ 2,379,340 \\ 4,758,680,000 \\ 95,173,600,000 \\ \hline 99,935,373,142 \end{array}$$

$$\begin{array}{r} 581,437 \\ \times 121,278 \\ \hline 4,651,496 \\ 40,700,590 \\ 116,287,400 \\ 581,437,000 \\ 11,628,740,000 \\ 58,143,700,000 \\ \hline 70,515,516,486 \end{array}$$

$$\begin{array}{r} 858,822 \\ \times 747,383 \\ \hline 2,576,466 \\ 68,705,760 \\ 257,646,600 \\ 6,011,754,000 \\ 34,352,880,000 \\ 601,175,400,000 \\ \hline 641,868,962,826 \end{array}$$

$$\begin{array}{r} 887,516 \\ \times 655,838 \\ \hline 7,100,128 \\ 26,625,480 \\ 710,012,800 \\ 4,437,580,000 \\ 44,375,800,000 \\ 532,509,600,000 \\ \hline 582,066,718,408 \end{array}$$

$$\begin{array}{r} 988,617 \\ \times 364,180 \\ \hline 79,089,360 \\ 98,861,700 \\ 3,954,468,000 \\ 59,317,020,000 \\ 296,585,100,000 \\ \hline 360,034,539,060 \end{array}$$

$$\begin{array}{r} 654,194 \\ \times 566,498 \\ \hline 5,233,552 \\ 58,877,460 \\ 261,677,600 \\ 3,925,164,000 \\ 39,251,640,000 \\ 327,097,000,000 \\ \hline 370,599,592,612 \end{array}$$

Score: /6

6-Digit by 6-Digit Multiplication (H)

Name: _____

Date: _____

Calculate each product.

$$\begin{array}{r} 739,090 \\ \times 289,063 \\ \hline \end{array}$$

$$\begin{array}{r} 612,304 \\ \times 162,130 \\ \hline \end{array}$$

$$\begin{array}{r} 379,097 \\ \times 492,904 \\ \hline \end{array}$$

$$\begin{array}{r} 705,817 \\ \times 739,178 \\ \hline \end{array}$$

$$\begin{array}{r} 527,253 \\ \times 414,064 \\ \hline \end{array}$$

$$\begin{array}{r} 409,445 \\ \times 477,064 \\ \hline \end{array}$$

Score: /6

6-Digit by 6-Digit Multiplication (H) Answers

Name: _____

Date: _____

Calculate each product.

$$\begin{array}{r} 739,090 \\ \times 289,063 \\ \hline 2,217,270 \\ 44,345,400 \\ 6,651,810,000 \\ 59,127,200,000 \\ 147,818,000,000 \\ \hline 213,643,572,670 \end{array}$$

$$\begin{array}{r} 612,304 \\ \times 162,130 \\ \hline 18,369,120 \\ 61,230,400 \\ 1,224,608,000 \\ 36,738,240,000 \\ 61,230,400,000 \\ \hline 99,272,847,520 \end{array}$$

$$\begin{array}{r} 379,097 \\ \times 492,904 \\ \hline 1,516,388 \\ 341,187,300 \\ 758,194,000 \\ 34,118,730,000 \\ 151,638,800,000 \\ \hline 186,858,427,688 \end{array}$$

$$\begin{array}{r} 705,817 \\ \times 739,178 \\ \hline 5,646,536 \\ 49,407,190 \\ 70,581,700 \\ 6,352,353,000 \\ 21,174,510,000 \\ 494,071,900,000 \\ \hline 521,724,398,426 \end{array}$$

$$\begin{array}{r} 527,253 \\ \times 414,064 \\ \hline 2,109,012 \\ 31,635,180 \\ 2,109,012,000 \\ 5,272,530,000 \\ 210,901,200,000 \\ \hline 218,316,486,192 \end{array}$$

$$\begin{array}{r} 409,445 \\ \times 477,064 \\ \hline 1,637,780 \\ 24,566,700 \\ 2,866,115,000 \\ 28,661,150,000 \\ 163,778,000,000 \\ \hline 195,331,469,480 \end{array}$$

Score: /6

6-Digit by 6-Digit Multiplication (I)

Name: _____

Date: _____

Calculate each product.

$$\begin{array}{r} 244,731 \\ \times 279,898 \\ \hline \end{array}$$

$$\begin{array}{r} 552,853 \\ \times 321,673 \\ \hline \end{array}$$

$$\begin{array}{r} 584,379 \\ \times 819,169 \\ \hline \end{array}$$

$$\begin{array}{r} 148,373 \\ \times 461,604 \\ \hline \end{array}$$

$$\begin{array}{r} 721,579 \\ \times 229,500 \\ \hline \end{array}$$

$$\begin{array}{r} 855,283 \\ \times 130,545 \\ \hline \end{array}$$

Score: /6

6-Digit by 6-Digit Multiplication (I) Answers

Name: _____

Date: _____

Calculate each product.

$$\begin{array}{r} 244,731 \\ \times 279,898 \\ \hline 1,957,848 \\ 22,025,790 \\ 195,784,800 \\ 2,202,579,000 \\ 17,131,170,000 \\ 48,946,200,000 \\ \hline 68,499,717,438 \end{array}$$

$$\begin{array}{r} 552,853 \\ \times 321,673 \\ \hline 1,658,559 \\ 38,699,710 \\ 331,711,800 \\ 552,853,000 \\ 11,057,060,000 \\ 165,855,900,000 \\ \hline 177,837,883,069 \end{array}$$

$$\begin{array}{r} 584,379 \\ \times 819,169 \\ \hline 5,259,411 \\ 35,062,740 \\ 58,437,900 \\ 5,259,411,000 \\ 5,843,790,000 \\ 467,503,200,000 \\ \hline 478,705,161,051 \end{array}$$

$$\begin{array}{r} 148,373 \\ \times 461,604 \\ \hline 593,492 \\ 89,023,800 \\ 148,373,000 \\ 8,902,380,000 \\ 59,349,200,000 \\ \hline 68,489,570,292 \end{array}$$

$$\begin{array}{r} 721,579 \\ \times 229,500 \\ \hline 360,789,500 \\ 6,494,211,000 \\ 14,431,580,000 \\ 144,315,800,000 \\ \hline 165,602,380,500 \end{array}$$

$$\begin{array}{r} 855,283 \\ \times 130,545 \\ \hline 4,276,415 \\ 34,211,320 \\ 427,641,500 \\ 25,658,490,000 \\ 85,528,300,000 \\ \hline 111,652,919,235 \end{array}$$

Score: /6

6-Digit by 6-Digit Multiplication (J)

Name: _____

Date: _____

Calculate each product.

$$\begin{array}{r} 991,705 \\ \times 770,189 \\ \hline \end{array}$$

$$\begin{array}{r} 603,749 \\ \times 846,923 \\ \hline \end{array}$$

$$\begin{array}{r} 260,918 \\ \times 286,450 \\ \hline \end{array}$$

$$\begin{array}{r} 931,386 \\ \times 211,357 \\ \hline \end{array}$$

$$\begin{array}{r} 929,412 \\ \times 695,582 \\ \hline \end{array}$$

$$\begin{array}{r} 798,898 \\ \times 853,866 \\ \hline \end{array}$$

Score: /6

6-Digit by 6-Digit Multiplication (J) Answers

Name: _____

Date: _____

Calculate each product.

$$\begin{array}{r} 991,705 \\ \times 770,189 \\ \hline 8,925,345 \\ 79,336,400 \\ 99,170,500 \\ 69,419,350,000 \\ 694,193,500,000 \\ \hline 763,800,282,245 \end{array}$$

$$\begin{array}{r} 603,749 \\ \times 846,923 \\ \hline 1,811,247 \\ 12,074,980 \\ 543,374,100 \\ 3,622,494,000 \\ 24,149,960,000 \\ 482,999,200,000 \\ \hline 511,328,914,327 \end{array}$$

$$\begin{array}{r} 260,918 \\ \times 286,450 \\ \hline 13,045,900 \\ 104,367,200 \\ 1,565,508,000 \\ 20,873,440,000 \\ 52,183,600,000 \\ \hline 74,739,961,100 \end{array}$$

$$\begin{array}{r} 931,386 \\ \times 211,357 \\ \hline 6,519,702 \\ 46,569,300 \\ 279,415,800 \\ 931,386,000 \\ 9,313,860,000 \\ 186,277,200,000 \\ \hline 196,854,950,802 \end{array}$$

$$\begin{array}{r} 929,412 \\ \times 695,582 \\ \hline 1,858,824 \\ 74,352,960 \\ 464,706,000 \\ 4,647,060,000 \\ 83,647,080,000 \\ 557,647,200,000 \\ \hline 646,482,257,784 \end{array}$$

$$\begin{array}{r} 798,898 \\ \times 853,866 \\ \hline 4,793,388 \\ 47,933,880 \\ 639,118,400 \\ 2,396,694,000 \\ 39,944,900,000 \\ 639,118,400,000 \\ \hline 682,151,839,668 \end{array}$$

Score: /6