

8-Digit by 7-Digit Multiplication (A)

Name: _____

Date: _____

Calculate each product.

$$\begin{array}{r} 51,802,989 \\ \times 4,647,849 \\ \hline \end{array}$$

$$\begin{array}{r} 70,536,426 \\ \times 1,811,498 \\ \hline \end{array}$$

$$\begin{array}{r} 87,895,399 \\ \times 4,771,963 \\ \hline \end{array}$$

$$\begin{array}{r} 52,664,503 \\ \times 4,256,272 \\ \hline \end{array}$$

Score: /4

8-Digit by 7-Digit Multiplication (A) Answers

Name: _____

Date: _____

Calculate each product.

$$\begin{array}{r} 51,802,989 \\ \times 4,647,849 \\ \hline 466,226,901 \\ 2,072,119,560 \\ 41,442,391,200 \\ 362,620,923,000 \\ 2,072,119,560,000 \\ 31,081,793,400,000 \\ \hline 207,211,956,000,000 \\ \hline 240,772,470,620,661 \end{array}$$

$$\begin{array}{r} 70,536,426 \\ \times 1,811,498 \\ \hline 564,291,408 \\ 6,348,278,340 \\ 28,214,570,400 \\ 70,536,426,000 \\ 705,364,260,000 \\ 56,429,140,800,000 \\ \hline 70,536,426,000,000 \\ \hline 127,776,594,626,148 \end{array}$$

$$\begin{array}{r} 87,895,399 \\ \times 4,771,963 \\ \hline 263,686,197 \\ 5,273,723,940 \\ 79,105,859,100 \\ 87,895,399,000 \\ 6,152,677,930,000 \\ 61,526,779,300,000 \\ \hline 351,581,596,000,000 \\ \hline 419,433,591,898,237 \end{array}$$

$$\begin{array}{r} 52,664,503 \\ \times 4,256,272 \\ \hline 105,329,006 \\ 3,686,515,210 \\ 10,532,900,600 \\ 315,987,018,000 \\ 2,633,225,150,000 \\ 10,532,900,600,000 \\ \hline 210,658,012,000,000 \\ \hline 224,154,449,512,816 \end{array}$$

Score: /4

8-Digit by 7-Digit Multiplication (B)

Name: _____

Date: _____

Calculate each product.

$$\begin{array}{r} 61,530,600 \\ \times 8,410,069 \\ \hline \end{array}$$

$$\begin{array}{r} 85,702,408 \\ \times 4,299,510 \\ \hline \end{array}$$

$$\begin{array}{r} 71,420,567 \\ \times 1,656,016 \\ \hline \end{array}$$

$$\begin{array}{r} 90,689,182 \\ \times 5,965,381 \\ \hline \end{array}$$

Score: /4

8-Digit by 7-Digit Multiplication (B) Answers

Name: _____

Date: _____

Calculate each product.

$$\begin{array}{r} 61,530,600 \\ \times 8,410,069 \\ \hline 553,775,400 \\ 3,691,836,000 \\ 615,306,000,000 \\ 24,612,240,000,000 \\ 492,244,800,000,000 \\ \hline 517,476,591,611,400 \end{array}$$

$$\begin{array}{r} 85,702,408 \\ \times 4,299,510 \\ \hline 857,024,080 \\ 42,851,204,000 \\ 771,321,672,000 \\ 7,713,216,720,000 \\ 17,140,481,600,000 \\ 342,809,632,000,000 \\ \hline 368,478,360,220,080 \end{array}$$

$$\begin{array}{r} 71,420,567 \\ \times 1,656,016 \\ \hline 428,523,402 \\ 714,205,670 \\ 428,523,402,000 \\ 3,571,028,350,000 \\ 42,852,340,200,000 \\ 71,420,567,000,000 \\ \hline 118,273,601,681,072 \end{array}$$

$$\begin{array}{r} 90,689,182 \\ \times 5,965,381 \\ \hline 90,689,182 \\ 7,255,134,560 \\ 27,206,754,600 \\ 453,445,910,000 \\ 5,441,350,920,000 \\ 81,620,263,800,000 \\ 453,445,910,000,000 \\ \hline 540,995,523,208,342 \end{array}$$

Score: /4

8-Digit by 7-Digit Multiplication (C)

Name: _____

Date: _____

Calculate each product.

$$\begin{array}{r} 36,855,140 \\ \times 5,852,296 \\ \hline \end{array}$$

$$\begin{array}{r} 67,570,680 \\ \times 4,498,498 \\ \hline \end{array}$$

$$\begin{array}{r} 44,746,249 \\ \times 7,731,893 \\ \hline \end{array}$$

$$\begin{array}{r} 11,304,497 \\ \times 8,409,797 \\ \hline \end{array}$$

Score: /4

8-Digit by 7-Digit Multiplication (C) Answers

Name: _____

Date: _____

Calculate each product.

$$\begin{array}{r} 36,855,140 \\ \times 5,852,296 \\ \hline 221,130,840 \\ 3,316,962,600 \\ 7,371,028,000 \\ 73,710,280,000 \\ 1,842,757,000,000 \\ 29,484,112,000,000 \\ \underline{184,275,700,000,000} \\ 215,687,188,401,440 \end{array}$$

$$\begin{array}{r} 67,570,680 \\ \times 4,498,498 \\ \hline 540,565,440 \\ 6,081,361,200 \\ 27,028,272,000 \\ 540,565,440,000 \\ 6,081,361,200,000 \\ 27,028,272,000,000 \\ \underline{270,282,720,000,000} \\ 303,966,568,838,640 \end{array}$$

$$\begin{array}{r} 44,746,249 \\ \times 7,731,893 \\ \hline 134,238,747 \\ 4,027,162,410 \\ 35,796,999,200 \\ 44,746,249,000 \\ 1,342,387,470,000 \\ 31,322,374,300,000 \\ \underline{313,223,743,000,000} \\ 345,973,209,419,357 \end{array}$$

$$\begin{array}{r} 11,304,497 \\ \times 8,409,797 \\ \hline 79,131,479 \\ 1,017,404,730 \\ 7,913,147,900 \\ 101,740,473,000 \\ 4,521,798,800,000 \\ \underline{90,435,976,000,000} \\ 95,068,524,957,109 \end{array}$$

Score: /4

8-Digit by 7-Digit Multiplication (D)

Name: _____

Date: _____

Calculate each product.

$$\begin{array}{r} 67,688,130 \\ \times 4,886,027 \\ \hline \end{array}$$

$$\begin{array}{r} 41,092,974 \\ \times 7,068,761 \\ \hline \end{array}$$

$$\begin{array}{r} 48,529,756 \\ \times 7,746,930 \\ \hline \end{array}$$

$$\begin{array}{r} 66,792,700 \\ \times 3,836,342 \\ \hline \end{array}$$

Score: /4

8-Digit by 7-Digit Multiplication (D) Answers

Name: _____

Date: _____

Calculate each product.

$$\begin{array}{r} 67,688,130 \\ \times 4,886,027 \\ \hline 473,816,910 \\ 1,353,762,600 \\ 406,128,780,000 \\ 5,415,050,400,000 \\ 54,150,504,000,000 \\ 270,752,520,000,000 \\ \hline 330,726,030,759,510 \end{array}$$

$$\begin{array}{r} 41,092,974 \\ \times 7,068,761 \\ \hline 41,092,974 \\ 2,465,578,440 \\ 28,765,081,800 \\ 328,743,792,000 \\ 2,465,578,440,000 \\ 287,650,818,000,000 \\ \hline 290,476,411,985,214 \end{array}$$

$$\begin{array}{r} 48,529,756 \\ \times 7,746,930 \\ \hline 1,455,892,680 \\ 43,676,780,400 \\ 291,178,536,000 \\ 1,941,190,240,000 \\ 33,970,829,200,000 \\ 339,708,292,000,000 \\ \hline 375,956,622,649,080 \end{array}$$

$$\begin{array}{r} 66,792,700 \\ \times 3,836,342 \\ \hline 133,585,400 \\ 2,671,708,000 \\ 20,037,810,000 \\ 400,756,200,000 \\ 2,003,781,000,000 \\ 53,434,160,000,000 \\ 200,378,100,000,000 \\ \hline 256,239,640,303,400 \end{array}$$

Score: /4

8-Digit by 7-Digit Multiplication (E)

Name: _____

Date: _____

Calculate each product.

$$\begin{array}{r} 57,870,804 \\ \times 9,700,701 \\ \hline \end{array}$$

$$\begin{array}{r} 61,322,573 \\ \times 1,076,602 \\ \hline \end{array}$$

$$\begin{array}{r} 11,736,938 \\ \times 8,669,451 \\ \hline \end{array}$$

$$\begin{array}{r} 61,371,273 \\ \times 3,246,500 \\ \hline \end{array}$$

Score: /4

8-Digit by 7-Digit Multiplication (E) Answers

Name: _____

Date: _____

Calculate each product.

$$\begin{array}{r} 57,870,804 \\ \times 9,700,701 \\ \hline 57,870,804 \\ 40,509,562,800 \\ 40,509,562,800,000 \\ 520,837,236,000,000 \\ \hline 561,387,366,233,604 \end{array}$$

$$\begin{array}{r} 61,322,573 \\ \times 1,076,602 \\ \hline 122,645,146 \\ 36,793,543,800 \\ 367,935,438,000 \\ 4,292,580,110,000 \\ \hline 61,322,573,000,000 \\ \hline 66,020,004,736,946 \end{array}$$

$$\begin{array}{r} 11,736,938 \\ \times 8,669,451 \\ \hline 11,736,938 \\ 586,846,900 \\ 4,694,775,200 \\ 105,632,442,000 \\ 704,216,280,000 \\ 7,042,162,800,000 \\ 93,895,504,000,000 \\ \hline 101,752,808,881,038 \end{array}$$

$$\begin{array}{r} 61,371,273 \\ \times 3,246,500 \\ \hline 30,685,636,500 \\ 368,227,638,000 \\ 2,454,850,920,000 \\ 12,274,254,600,000 \\ 184,113,819,000,000 \\ \hline 199,241,837,794,500 \end{array}$$

Score: /4

8-Digit by 7-Digit Multiplication (F)

Name: _____

Date: _____

Calculate each product.

$$\begin{array}{r} 78,829,182 \\ \times 3,271,450 \\ \hline \end{array}$$

$$\begin{array}{r} 48,093,716 \\ \times 8,591,826 \\ \hline \end{array}$$

$$\begin{array}{r} 62,171,567 \\ \times 6,982,989 \\ \hline \end{array}$$

$$\begin{array}{r} 79,232,004 \\ \times 7,339,204 \\ \hline \end{array}$$

Score: /4

8-Digit by 7-Digit Multiplication (F) Answers

Name: _____

Date: _____

Calculate each product.

$$\begin{array}{r} 78,829,182 \\ \times 3,271,450 \\ \hline 3,941,459,100 \\ 31,531,672,800 \\ 78,829,182,000 \\ 5,518,042,740,000 \\ 15,765,836,400,000 \\ \hline 236,487,546,000,000 \\ \hline 257,885,727,453,900 \end{array}$$

$$\begin{array}{r} 48,093,716 \\ \times 8,591,826 \\ \hline 288,562,296 \\ 961,874,320 \\ 38,474,972,800 \\ 48,093,716,000 \\ 4,328,434,440,000 \\ \hline 24,046,858,000,000 \\ \hline 384,749,728,000,000 \\ \hline 413,212,839,565,416 \end{array}$$

$$\begin{array}{r} 62,171,567 \\ \times 6,982,989 \\ \hline 559,544,103 \\ 4,973,725,360 \\ 55,954,410,300 \\ 124,343,134,000 \\ 4,973,725,360,000 \\ 55,954,410,300,000 \\ \hline 373,029,402,000,000 \\ \hline 434,143,368,473,763 \end{array}$$

$$\begin{array}{r} 79,232,004 \\ \times 7,339,204 \\ \hline 316,928,016 \\ 15,846,400,800 \\ 713,088,036,000 \\ 2,376,960,120,000 \\ 23,769,601,200,000 \\ \hline 554,624,028,000,000 \\ \hline 581,499,840,684,816 \end{array}$$

Score: /4

8-Digit by 7-Digit Multiplication (G)

Name: _____

Date: _____

Calculate each product.

$$\begin{array}{r} 89,856,206 \\ \times 4,192,686 \\ \hline \end{array}$$

$$\begin{array}{r} 96,118,558 \\ \times 4,198,904 \\ \hline \end{array}$$

$$\begin{array}{r} 84,143,249 \\ \times 2,403,372 \\ \hline \end{array}$$

$$\begin{array}{r} 18,852,717 \\ \times 8,012,276 \\ \hline \end{array}$$

Score: /4

8-Digit by 7-Digit Multiplication (G) Answers

Name: _____

Date: _____

Calculate each product.

$$\begin{array}{r} 89,856,206 \\ \times 4,192,686 \\ \hline 539,137,236 \\ 7,188,496,480 \\ 53,913,723,600 \\ 179,712,412,000 \\ 8,087,058,540,000 \\ 8,985,620,600,000 \\ 359,424,824,000,000 \\ \hline 376,738,856,909,316 \end{array}$$

$$\begin{array}{r} 96,118,558 \\ \times 4,198,904 \\ \hline 384,474,232 \\ 86,506,702,200 \\ 768,948,464,000 \\ 8,650,670,220,000 \\ 9,611,855,800,000 \\ 384,474,232,000,000 \\ \hline 403,592,597,660,432 \end{array}$$

$$\begin{array}{r} 84,143,249 \\ \times 2,403,372 \\ \hline 168,286,498 \\ 5,890,027,430 \\ 25,242,974,700 \\ 252,429,747,000 \\ 33,657,299,600,000 \\ 168,286,498,000,000 \\ \hline 202,227,528,635,628 \end{array}$$

$$\begin{array}{r} 18,852,717 \\ \times 8,012,276 \\ \hline 113,116,302 \\ 1,319,690,190 \\ 3,770,543,400 \\ 37,705,434,000 \\ 188,527,170,000 \\ 150,821,736,000,000 \\ \hline 151,053,171,953,892 \end{array}$$

Score: /4

8-Digit by 7-Digit Multiplication (H)

Name: _____

Date: _____

Calculate each product.

$$\begin{array}{r} 49,511,841 \\ \times 7,667,536 \\ \hline \end{array}$$

$$\begin{array}{r} 90,972,009 \\ \times 9,889,181 \\ \hline \end{array}$$

$$\begin{array}{r} 93,709,309 \\ \times 9,994,945 \\ \hline \end{array}$$

$$\begin{array}{r} 91,060,345 \\ \times 3,682,155 \\ \hline \end{array}$$

Score: /4

8-Digit by 7-Digit Multiplication (H) Answers

Name: _____

Date: _____

Calculate each product.

$$\begin{array}{r} 49,511,841 \\ \times 7,667,536 \\ \hline 297,071,046 \\ 1,485,355,230 \\ 24,755,920,500 \\ 346,582,887,000 \\ 2,970,710,460,000 \\ 29,707,104,600,000 \\ \underline{346,582,887,000,000} \\ 379,633,823,293,776 \end{array}$$

$$\begin{array}{r} 90,972,009 \\ \times 9,889,181 \\ \hline 90,972,009 \\ 7,277,760,720 \\ 9,097,200,900 \\ 818,748,081,000 \\ 7,277,760,720,000 \\ 72,777,607,200,000 \\ \underline{818,748,081,000,000} \\ 899,638,662,934,629 \end{array}$$

$$\begin{array}{r} 93,709,309 \\ \times 9,994,945 \\ \hline 468,546,545 \\ 3,748,372,360 \\ 84,338,378,100 \\ 374,837,236,000 \\ 8,433,837,810,000 \\ 84,338,378,100,000 \\ \underline{843,383,781,000,000} \\ 936,619,389,443,005 \end{array}$$

$$\begin{array}{r} 91,060,345 \\ \times 3,682,155 \\ \hline 455,301,725 \\ 4,553,017,250 \\ 9,106,034,500 \\ 182,120,690,000 \\ 7,284,827,600,000 \\ 54,636,207,000,000 \\ \underline{273,181,035,000,000} \\ 335,298,304,643,475 \end{array}$$

Score: /4

8-Digit by 7-Digit Multiplication (I)

Name: _____

Date: _____

Calculate each product.

$$\begin{array}{r} 17,362,884 \\ \times 3,674,251 \\ \hline \end{array}$$

$$\begin{array}{r} 53,654,717 \\ \times 7,480,375 \\ \hline \end{array}$$

$$\begin{array}{r} 53,836,206 \\ \times 5,401,187 \\ \hline \end{array}$$

$$\begin{array}{r} 15,316,327 \\ \times 2,116,151 \\ \hline \end{array}$$

Score: /4

8-Digit by 7-Digit Multiplication (I) Answers

Name: _____

Date: _____

Calculate each product.

$$\begin{array}{r} 17,362,884 \\ \times 3,674,251 \\ \hline 17,362,884 \\ 868,144,200 \\ 3,472,576,800 \\ 69,451,536,000 \\ 1,215,401,880,000 \\ 10,417,730,400,000 \\ 52,088,652,000,000 \\ \hline 63,795,593,899,884 \end{array}$$

$$\begin{array}{r} 53,654,717 \\ \times 7,480,375 \\ \hline 268,273,585 \\ 3,755,830,190 \\ 16,096,415,100 \\ 4,292,377,360,000 \\ 21,461,886,800,000 \\ 375,583,019,000,000 \\ \hline 401,357,403,678,875 \end{array}$$

$$\begin{array}{r} 53,836,206 \\ \times 5,401,187 \\ \hline 376,853,442 \\ 4,306,896,480 \\ 5,383,620,600 \\ 53,836,206,000 \\ 21,534,482,400,000 \\ 269,181,030,000,000 \\ \hline 290,779,415,976,522 \end{array}$$

$$\begin{array}{r} 15,316,327 \\ \times 2,116,151 \\ \hline 15,316,327 \\ 765,816,350 \\ 1,531,632,700 \\ 91,897,962,000 \\ 153,163,270,000 \\ 1,531,632,700,000 \\ 30,632,654,000,000 \\ \hline 32,411,660,697,377 \end{array}$$

Score: /4

8-Digit by 7-Digit Multiplication (J)

Name: _____

Date: _____

Calculate each product.

$$\begin{array}{r} 84,033,624 \\ \times 7,952,771 \\ \hline \end{array}$$

$$\begin{array}{r} 50,323,710 \\ \times 4,673,695 \\ \hline \end{array}$$

$$\begin{array}{r} 87,541,127 \\ \times 2,944,052 \\ \hline \end{array}$$

$$\begin{array}{r} 25,350,821 \\ \times 3,836,746 \\ \hline \end{array}$$

Score: /4

8-Digit by 7-Digit Multiplication (J) Answers

Name: _____

Date: _____

Calculate each product.

$$\begin{array}{r} 84,033,624 \\ \times 7,952,771 \\ \hline 84,033,624 \\ 5,882,353,680 \\ 58,823,536,800 \\ 168,067,248,000 \\ 4,201,681,200,000 \\ 75,630,261,600,000 \\ \hline 588,235,368,000,000 \\ \hline 668,300,167,972,104 \end{array}$$

$$\begin{array}{r} 50,323,710 \\ \times 4,673,695 \\ \hline 251,618,550 \\ 4,529,133,900 \\ 30,194,226,000 \\ 150,971,130,000 \\ 3,522,659,700,000 \\ 30,194,226,000,000 \\ \hline 201,294,840,000,000 \\ \hline 235,197,671,808,450 \end{array}$$

$$\begin{array}{r} 87,541,127 \\ \times 2,944,052 \\ \hline 175,082,254 \\ 4,377,056,350 \\ 350,164,508,000 \\ 3,501,645,080,000 \\ 78,787,014,300,000 \\ \hline 175,082,254,000,000 \\ \hline 257,725,630,026,604 \end{array}$$

$$\begin{array}{r} 25,350,821 \\ \times 3,836,746 \\ \hline 152,104,926 \\ 1,014,032,840 \\ 17,745,574,700 \\ 152,104,926,000 \\ 760,524,630,000 \\ 20,280,656,800,000 \\ \hline 76,052,463,000,000 \\ \hline 97,264,661,068,466 \end{array}$$

Score: /4