

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

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Calculate each product.

$$\begin{array}{r} 94\,852\,900 \\ \times 9\,413\,142 \\ \hline \end{array}$$

$$\begin{array}{r} 58\,994\,045 \\ \times 3\,449\,624 \\ \hline \end{array}$$

$$\begin{array}{r} 15\,969\,147 \\ \times 4\,728\,645 \\ \hline \end{array}$$

$$\begin{array}{r} 62\,310\,496 \\ \times 7\,687\,405 \\ \hline \end{array}$$

Score: /4

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

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Calculate each product.

$$\begin{array}{r} 94\,852\,900 \\ \times 9\,413\,142 \\ \hline 189\,705\,800 \\ 3\,794\,116\,000 \\ 9\,485\,290\,000 \\ 284\,558\,700\,000 \\ 948\,529\,000\,000 \\ 37\,941\,160\,000\,000 \\ 853\,676\,100\,000\,000 \\ \hline 892\,863\,816\,811\,800 \end{array}$$

$$\begin{array}{r} 58\,994\,045 \\ \times 3\,449\,624 \\ \hline 235\,976\,180 \\ 1\,179\,880\,900 \\ 35\,396\,427\,000 \\ 530\,946\,405\,000 \\ 2\,359\,761\,800\,000 \\ 23\,597\,618\,000\,000 \\ 176\,982\,135\,000\,000 \\ \hline 203\,507\,273\,489\,080 \end{array}$$

$$\begin{array}{r} 15\,969\,147 \\ \times 4\,728\,645 \\ \hline 79\,845\,735 \\ 638\,765\,880 \\ 9\,581\,488\,200 \\ 127\,753\,176\,000 \\ 319\,382\,940\,000 \\ 11\,178\,402\,900\,000 \\ 63\,876\,588\,000\,000 \\ \hline 75\,512\,427\,115\,815 \end{array}$$

$$\begin{array}{r} 62\,310\,496 \\ \times 7\,687\,405 \\ \hline 311\,552\,480 \\ 24\,924\,198\,400 \\ 436\,173\,472\,000 \\ 4\,984\,839\,680\,000 \\ 37\,386\,297\,600\,000 \\ 436\,173\,472\,000\,000 \\ \hline 479\,006\,018\,502\,880 \end{array}$$

Score: /4

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

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Calculate each product.

$$\begin{array}{r} 79\,409\,112 \\ \times 5\,247\,351 \\ \hline \end{array}$$

$$\begin{array}{r} 61\,729\,233 \\ \times 5\,136\,321 \\ \hline \end{array}$$

$$\begin{array}{r} 95\,737\,763 \\ \times 1\,601\,039 \\ \hline \end{array}$$

$$\begin{array}{r} 30\,482\,678 \\ \times 9\,305\,560 \\ \hline \end{array}$$

Score: /4

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

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Calculate each product.

$$\begin{array}{r} 79\,409\,112 \\ \times 5\,247\,351 \\ \hline 79\,409\,112 \\ 3\,970\,455\,600 \\ 23\,822\,733\,600 \\ 555\,863\,784\,000 \\ 3\,176\,364\,480\,000 \\ 15\,881\,822\,400\,000 \\ 397\,045\,560\,000\,000 \\ \hline 416\,687\,483\,262\,312 \end{array}$$

$$\begin{array}{r} 61\,729\,233 \\ \times 5\,136\,321 \\ \hline 61\,729\,233 \\ 1\,234\,584\,660 \\ 18\,518\,769\,900 \\ 370\,375\,398\,000 \\ 1\,851\,876\,990\,000 \\ 6\,172\,923\,300\,000 \\ 308\,646\,165\,000\,000 \\ \hline 317\,061\,155\,771\,793 \end{array}$$

$$\begin{array}{r} 95\,737\,763 \\ \times 1\,601\,039 \\ \hline 861\,639\,867 \\ 2\,872\,132\,890 \\ 95\,737\,763\,000 \\ 57\,442\,657\,800\,000 \\ 95\,737\,763\,000\,000 \\ \hline 153\,279\,892\,335\,757 \end{array}$$

$$\begin{array}{r} 30\,482\,678 \\ \times 9\,305\,560 \\ \hline 1\,828\,960\,680 \\ 15\,241\,339\,000 \\ 152\,413\,390\,000 \\ 9\,144\,803\,400\,000 \\ 274\,344\,102\,000\,000 \\ \hline 283\,658\,389\,089\,680 \end{array}$$

Score: /4

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

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Calculate each product.

$$\begin{array}{r} 86\,283\,915 \\ \times 3\,598\,553 \\ \hline \end{array}$$

$$\begin{array}{r} 14\,675\,624 \\ \times 8\,666\,706 \\ \hline \end{array}$$

$$\begin{array}{r} 29\,630\,159 \\ \times 1\,282\,857 \\ \hline \end{array}$$

$$\begin{array}{r} 83\,763\,336 \\ \times 5\,845\,277 \\ \hline \end{array}$$

Score: /4

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

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Calculate each product.

$$\begin{array}{r} 86\,283\,915 \\ \times 3\,598\,553 \\ \hline 258\,851\,745 \\ 4\,314\,195\,750 \\ 43\,141\,957\,500 \\ 690\,271\,320\,000 \\ 7\,765\,552\,350\,000 \\ 43\,141\,957\,500\,000 \\ 258\,851\,745\,000\,000 \\ \hline 310\,497\,241\,174\,995 \end{array}$$

$$\begin{array}{r} 14\,675\,624 \\ \times 8\,666\,706 \\ \hline 88\,053\,744 \\ 10\,272\,936\,800 \\ 88\,053\,744\,000 \\ 880\,537\,440\,000 \\ 8\,805\,374\,400\,000 \\ 117\,404\,992\,000\,000 \\ \hline 127\,189\,318\,574\,544 \end{array}$$

$$\begin{array}{r} 29\,630\,159 \\ \times 1\,282\,857 \\ \hline 207\,411\,113 \\ 1\,481\,507\,950 \\ 23\,704\,127\,200 \\ 59\,260\,318\,000 \\ 2\,370\,412\,720\,000 \\ 5\,926\,031\,800\,000 \\ 29\,630\,159\,000\,000 \\ \hline 38\,011\,256\,884\,263 \end{array}$$

$$\begin{array}{r} 83\,763\,336 \\ \times 5\,845\,277 \\ \hline 586\,343\,352 \\ 5\,863\,433\,520 \\ 16\,752\,667\,200 \\ 418\,816\,680\,000 \\ 3\,350\,533\,440\,000 \\ 67\,010\,668\,800\,000 \\ 418\,816\,680\,000\,000 \\ \hline 489\,619\,901\,364\,072 \end{array}$$

Score: /4

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

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Calculate each product.

$$\begin{array}{r} 12\,750\,111 \\ \times 6\,194\,461 \\ \hline \end{array}$$

$$\begin{array}{r} 10\,475\,192 \\ \times 4\,692\,311 \\ \hline \end{array}$$

$$\begin{array}{r} 86\,962\,916 \\ \times 3\,116\,704 \\ \hline \end{array}$$

$$\begin{array}{r} 83\,561\,298 \\ \times 9\,108\,980 \\ \hline \end{array}$$

Score: /4

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

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Calculate each product.

$$\begin{array}{r} 12\,750\,111 \\ \times 6\,194\,461 \\ \hline 12\,750\,111 \\ 765\,006\,660 \\ 5\,100\,044\,400 \\ 51\,000\,444\,000 \\ 1\,147\,509\,990\,000 \\ 1\,275\,011\,100\,000 \\ 76\,500\,666\,000\,000 \\ \hline 78\,980\,065\,335\,171 \end{array}$$

$$\begin{array}{r} 10\,475\,192 \\ \times 4\,692\,311 \\ \hline 10\,475\,192 \\ 104\,751\,920 \\ 3\,142\,557\,600 \\ 20\,950\,384\,000 \\ 942\,767\,280\,000 \\ 6\,285\,115\,200\,000 \\ 41\,900\,768\,000\,000 \\ \hline 49\,152\,858\,648\,712 \end{array}$$

$$\begin{array}{r} 86\,962\,916 \\ \times 3\,116\,704 \\ \hline 347\,851\,664 \\ 60\,874\,041\,200 \\ 521\,777\,496\,000 \\ 869\,629\,160\,000 \\ 8\,696\,291\,600\,000 \\ 260\,888\,748\,000\,000 \\ \hline 271\,037\,668\,148\,864 \end{array}$$

$$\begin{array}{r} 83\,561\,298 \\ \times 9\,108\,980 \\ \hline 6\,684\,903\,840 \\ 75\,205\,168\,200 \\ 668\,490\,384\,000 \\ 8\,356\,129\,800\,000 \\ 752\,051\,682\,000\,000 \\ \hline 761\,158\,192\,256\,040 \end{array}$$

Score: /4



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

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Calculate each product.

$$\begin{array}{r} 51\,732\,371 \\ \times 7\,602\,547 \\ \hline \end{array}$$

$$\begin{array}{r} 79\,660\,621 \\ \times 8\,895\,088 \\ \hline \end{array}$$

$$\begin{array}{r} 78\,021\,111 \\ \times 8\,793\,727 \\ \hline \end{array}$$

$$\begin{array}{r} 53\,532\,083 \\ \times 6\,782\,348 \\ \hline \end{array}$$

Score: /4

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

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Calculate each product.

$$\begin{array}{r} 51\,732\,371 \\ \times 7\,602\,547 \\ \hline 362\,126\,597 \\ 2\,069\,294\,840 \\ 25\,866\,185\,500 \\ 103\,464\,742\,000 \\ 31\,039\,422\,600\,000 \\ 362\,126\,597\,000\,000 \\ \hline 393\,297\,781\,948\,937 \end{array}$$

$$\begin{array}{r} 79\,660\,621 \\ \times 8\,895\,088 \\ \hline 637\,284\,968 \\ 6\,372\,849\,680 \\ 398\,303\,105\,000 \\ 7\,169\,455\,890\,000 \\ 63\,728\,496\,800\,000 \\ 637\,284\,968\,000\,000 \\ \hline 708\,588\,233\,929\,648 \end{array}$$

$$\begin{array}{r} 78\,021\,111 \\ \times 8\,793\,727 \\ \hline 546\,147\,777 \\ 1\,560\,422\,220 \\ 54\,614\,777\,700 \\ 234\,063\,333\,000 \\ 7\,021\,899\,990\,000 \\ 54\,614\,777\,700\,000 \\ 624\,168\,888\,000\,000 \\ \hline 686\,096\,350\,370\,697 \end{array}$$

$$\begin{array}{r} 53\,532\,083 \\ \times 6\,782\,348 \\ \hline 428\,256\,664 \\ 2\,141\,283\,320 \\ 16\,059\,624\,900 \\ 107\,064\,166\,000 \\ 4\,282\,566\,640\,000 \\ 37\,472\,458\,100\,000 \\ 321\,192\,498\,000\,000 \\ \hline 363\,073\,216\,070\,884 \end{array}$$

Score: /4

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

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Calculate each product.

$$\begin{array}{r} 98\,747\,603 \\ \times 6\,821\,755 \\ \hline \end{array}$$

$$\begin{array}{r} 16\,155\,154 \\ \times 3\,153\,025 \\ \hline \end{array}$$

$$\begin{array}{r} 82\,546\,422 \\ \times 9\,291\,346 \\ \hline \end{array}$$

$$\begin{array}{r} 84\,330\,905 \\ \times 3\,616\,632 \\ \hline \end{array}$$

Score: /4

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

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Calculate each product.

$$\begin{array}{r} 98\,747\,603 \\ \times 6\,821\,755 \\ \hline 493\,738\,015 \\ 4\,937\,380\,150 \\ 69\,123\,322\,100 \\ 98\,747\,603\,000 \\ 1\,974\,952\,060\,000 \\ 78\,998\,082\,400\,000 \\ 592\,485\,618\,000\,000 \\ \hline 673\,631\,954\,503\,265 \end{array}$$

$$\begin{array}{r} 16\,155\,154 \\ \times 3\,153\,025 \\ \hline 80\,775\,770 \\ 323\,103\,080 \\ 48\,465\,462\,000 \\ 807\,757\,700\,000 \\ 1\,615\,515\,400\,000 \\ 48\,465\,462\,000\,000 \\ \hline 50\,937\,604\,440\,850 \end{array}$$

$$\begin{array}{r} 82\,546\,422 \\ \times 9\,291\,346 \\ \hline 495\,278\,532 \\ 3\,301\,856\,880 \\ 24\,763\,926\,600 \\ 82\,546\,422\,000 \\ 7\,429\,177\,980\,000 \\ 16\,509\,284\,400\,000 \\ 742\,917\,798\,000\,000 \\ \hline 766\,967\,367\,864\,012 \end{array}$$

$$\begin{array}{r} 84\,330\,905 \\ \times 3\,616\,632 \\ \hline 168\,661\,810 \\ 2\,529\,927\,150 \\ 50\,598\,543\,000 \\ 505\,985\,430\,000 \\ 843\,309\,050\,000 \\ 50\,598\,543\,000\,000 \\ 252\,992\,715\,000\,000 \\ \hline 304\,993\,849\,611\,960 \end{array}$$

Score: /4

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

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Calculate each product.

$$\begin{array}{r} 99\,816\,209 \\ \times 6\,136\,138 \\ \hline \end{array}$$

$$\begin{array}{r} 50\,321\,312 \\ \times 2\,791\,020 \\ \hline \end{array}$$

$$\begin{array}{r} 98\,774\,137 \\ \times 2\,571\,508 \\ \hline \end{array}$$

$$\begin{array}{r} 61\,358\,954 \\ \times 3\,234\,522 \\ \hline \end{array}$$

Score: /4

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

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Calculate each product.

$$\begin{array}{r} 99\,816\,209 \\ \times 6\,136\,138 \\ \hline 798\,529\,672 \\ 2\,994\,486\,270 \\ 9\,981\,620\,900 \\ 598\,897\,254\,000 \\ 2\,994\,486\,270\,000 \\ 9\,981\,620\,900\,000 \\ 598\,897\,254\,000\,000 \\ \hline 612\,486\,033\,060\,842 \end{array}$$

$$\begin{array}{r} 50\,321\,312 \\ \times 2\,791\,020 \\ \hline 1\,006\,426\,240 \\ 50\,321\,312\,000 \\ 4\,528\,918\,080\,000 \\ 35\,224\,918\,400\,000 \\ 100\,642\,624\,000\,000 \\ \hline 140\,447\,788\,218\,240 \end{array}$$

$$\begin{array}{r} 98\,774\,137 \\ \times 2\,571\,508 \\ \hline 790\,193\,096 \\ 49\,387\,068\,500 \\ 98\,774\,137\,000 \\ 6\,914\,189\,590\,000 \\ 49\,387\,068\,500\,000 \\ 197\,548\,274\,000\,000 \\ \hline 253\,998\,483\,488\,596 \end{array}$$

$$\begin{array}{r} 61\,358\,954 \\ \times 3\,234\,522 \\ \hline 122\,717\,908 \\ 1\,227\,179\,080 \\ 30\,679\,477\,000 \\ 245\,435\,816\,000 \\ 1\,840\,768\,620\,000 \\ 12\,271\,790\,800\,000 \\ 184\,076\,862\,000\,000 \\ \hline 198\,466\,886\,609\,988 \end{array}$$

Score: /4

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

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Calculate each product.

$$\begin{array}{r} 41\,570\,064 \\ \times 8\,732\,940 \\ \hline \end{array}$$

$$\begin{array}{r} 61\,391\,135 \\ \times 6\,506\,654 \\ \hline \end{array}$$

$$\begin{array}{r} 76\,698\,551 \\ \times 1\,828\,725 \\ \hline \end{array}$$

$$\begin{array}{r} 35\,044\,974 \\ \times 5\,336\,027 \\ \hline \end{array}$$

Score: /4

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

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Calculate each product.

$$\begin{array}{r} 41\,570\,064 \\ \times 8\,732\,940 \\ \hline 1\,662\,802\,560 \\ 37\,413\,057\,600 \\ 83\,140\,128\,000 \\ 1\,247\,101\,920\,000 \\ 29\,099\,044\,800\,000 \\ 332\,560\,512\,000\,000 \\ \hline 363\,028\,874\,708\,160 \end{array}$$

$$\begin{array}{r} 61\,391\,135 \\ \times 6\,506\,654 \\ \hline 245\,564\,540 \\ 3\,069\,556\,750 \\ 36\,834\,681\,000 \\ 368\,346\,810\,000 \\ 30\,695\,567\,500\,000 \\ 368\,346\,810\,000\,000 \\ \hline 399\,450\,874\,112\,290 \end{array}$$

$$\begin{array}{r} 76\,698\,551 \\ \times 1\,828\,725 \\ \hline 383\,492\,755 \\ 1\,533\,971\,020 \\ 53\,688\,985\,700 \\ 613\,588\,408\,000 \\ 1\,533\,971\,020\,000 \\ 61\,358\,840\,800\,000 \\ 76\,698\,551\,000\,000 \\ \hline 140\,260\,557\,677\,475 \end{array}$$

$$\begin{array}{r} 35\,044\,974 \\ \times 5\,336\,027 \\ \hline 245\,314\,818 \\ 700\,899\,480 \\ 210\,269\,844\,000 \\ 1\,051\,349\,220\,000 \\ 10\,513\,492\,200\,000 \\ 175\,224\,870\,000\,000 \\ \hline 187\,000\,927\,478\,298 \end{array}$$

Score: /4



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

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Calculate each product.

$$\begin{array}{r} 61\,527\,478 \\ \times 6\,820\,834 \\ \hline \end{array}$$

$$\begin{array}{r} 35\,095\,052 \\ \times 4\,029\,961 \\ \hline \end{array}$$

$$\begin{array}{r} 51\,516\,304 \\ \times 7\,614\,399 \\ \hline \end{array}$$

$$\begin{array}{r} 37\,913\,104 \\ \times 9\,376\,261 \\ \hline \end{array}$$

Score: /4

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

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Calculate each product.

$$\begin{array}{r} 61\,527\,478 \\ \times 6\,820\,834 \\ \hline 246\,109\,912 \\ 1\,845\,824\,340 \\ 49\,221\,982\,400 \\ 1\,230\,549\,560\,000 \\ 49\,221\,982\,400\,000 \\ \hline 369\,164\,868\,000\,000 \\ \hline 419\,668\,713\,876\,652 \end{array}$$

$$\begin{array}{r} 35\,095\,052 \\ \times 4\,029\,961 \\ \hline 35\,095\,052 \\ 2\,105\,703\,120 \\ 31\,585\,546\,800 \\ 315\,855\,468\,000 \\ 701\,901\,040\,000 \\ \hline 140\,380\,208\,000\,000 \\ \hline 141\,431\,690\,852\,972 \end{array}$$

$$\begin{array}{r} 51\,516\,304 \\ \times 7\,614\,399 \\ \hline 463\,646\,736 \\ 4\,636\,467\,360 \\ 15\,454\,891\,200 \\ 206\,065\,216\,000 \\ 515\,163\,040\,000 \\ 30\,909\,782\,400\,000 \\ \hline 360\,614\,128\,000\,000 \\ \hline 392\,265\,693\,661\,296 \end{array}$$

$$\begin{array}{r} 37\,913\,104 \\ \times 9\,376\,261 \\ \hline 37\,913\,104 \\ 2\,274\,786\,240 \\ 7\,582\,620\,800 \\ 227\,478\,624\,000 \\ 2\,653\,917\,280\,000 \\ 11\,373\,931\,200\,000 \\ \hline 341\,217\,936\,000\,000 \\ \hline 355\,483\,158\,424\,144 \end{array}$$

Score: /4

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

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Calculate each product.

$$\begin{array}{r} 89\,590\,906 \\ \times 1\,327\,274 \\ \hline \end{array}$$

$$\begin{array}{r} 83\,294\,289 \\ \times 6\,623\,707 \\ \hline \end{array}$$

$$\begin{array}{r} 94\,528\,342 \\ \times 8\,253\,891 \\ \hline \end{array}$$

$$\begin{array}{r} 84\,684\,939 \\ \times 5\,088\,986 \\ \hline \end{array}$$

Score: /4

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

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Calculate each product.

$$\begin{array}{r} 89\,590\,906 \\ \times 1\,327\,274 \\ \hline 358\,363\,624 \\ 6\,271\,363\,420 \\ 17\,918\,181\,200 \\ 627\,136\,342\,000 \\ 1\,791\,818\,120\,000 \\ 26\,877\,271\,800\,000 \\ 89\,590\,906\,000\,000 \\ \hline 118\,911\,680\,170\,244 \end{array}$$

$$\begin{array}{r} 83\,294\,289 \\ \times 6\,623\,707 \\ \hline 583\,060\,023 \\ 58\,306\,002\,300 \\ 249\,882\,867\,000 \\ 1\,665\,885\,780\,000 \\ 49\,976\,573\,400\,000 \\ 499\,765\,734\,000\,000 \\ \hline 551\,716\,965\,109\,323 \end{array}$$

$$\begin{array}{r} 94\,528\,342 \\ \times 8\,253\,891 \\ \hline 94\,528\,342 \\ 8\,507\,550\,780 \\ 75\,622\,673\,600 \\ 283\,585\,026\,000 \\ 4\,726\,417\,100\,000 \\ 18\,905\,668\,400\,000 \\ 756\,226\,736\,000\,000 \\ \hline 780\,226\,631\,278\,722 \end{array}$$

$$\begin{array}{r} 84\,684\,939 \\ \times 5\,088\,986 \\ \hline 508\,109\,634 \\ 6\,774\,795\,120 \\ 76\,216\,445\,100 \\ 677\,479\,512\,000 \\ 6\,774\,795\,120\,000 \\ 423\,424\,695\,000\,000 \\ \hline 430\,960\,468\,981\,854 \end{array}$$

Score: /4