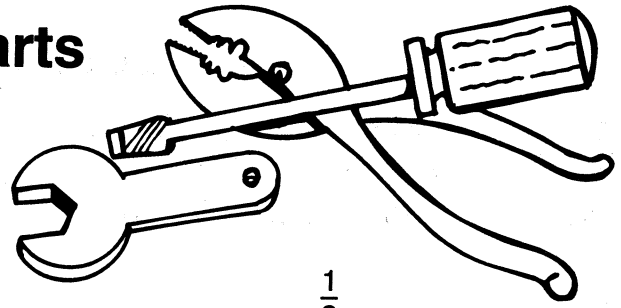




Spare Parts



Change the fractions in each problem so that they have the same denominator. Then add the numerators and write the sum in its simplest form.

A.

$$\begin{array}{r} \frac{5}{8} \\ + \frac{1}{4} \\ \hline \end{array} = \begin{array}{r} \frac{5}{8} \\ + \frac{2}{8} \\ \hline \frac{7}{8} \end{array}$$

$$\begin{array}{r} \frac{1}{2} \\ + \frac{3}{8} \\ \hline \end{array}$$

$$\begin{array}{r} \frac{1}{8} \\ + \frac{1}{4} \\ \hline \end{array}$$

B.

$$\begin{array}{r} \frac{1}{3} \\ + \frac{1}{6} \\ \hline \end{array}$$

$$\begin{array}{r} \frac{1}{2} \\ + \frac{1}{6} \\ \hline \end{array}$$

$$\begin{array}{r} \frac{1}{2} \\ + \frac{1}{8} \\ \hline \end{array}$$

C.

$$\begin{array}{r} \frac{1}{3} \\ + \frac{1}{9} \\ \hline \end{array}$$

$$\begin{array}{r} \frac{2}{3} \\ + \frac{1}{6} \\ \hline \end{array}$$

$$\begin{array}{r} \frac{1}{4} \\ + \frac{3}{8} \\ \hline \end{array}$$

D.

$$\begin{array}{r} \frac{1}{2} \\ + \frac{1}{10} \\ \hline \end{array}$$

$$\begin{array}{r} \frac{2}{5} \\ + \frac{3}{10} \\ \hline \end{array}$$

$$\begin{array}{r} \frac{1}{3} \\ + \frac{1}{12} \\ \hline \end{array}$$

E.

$$\begin{array}{r} 1\frac{1}{2} \\ + 1\frac{1}{4} \\ \hline \end{array}$$

$$\begin{array}{r} 4\frac{2}{3} \\ + 2\frac{1}{6} \\ \hline \end{array}$$

$$\begin{array}{r} 3\frac{1}{4} \\ + 1\frac{5}{12} \\ \hline \end{array}$$

F.

$$\begin{array}{r} 2\frac{1}{5} \\ + \frac{2}{10} \\ \hline \end{array}$$

$$\begin{array}{r} 3\frac{2}{3} \\ + 5\frac{1}{12} \\ \hline \end{array}$$

$$\begin{array}{r} 3\frac{3}{10} \\ + 2\frac{1}{2} \\ \hline \end{array}$$



Divide.

A.

$$\begin{array}{r}
 128 \text{ R } 1 \\
 6 \overline{)769} \\
 \underline{-6} \\
 16 \\
 \underline{-12} \\
 49 \\
 \underline{-48} \\
 1
 \end{array}$$

$$9 \overline{)461}$$

$$5 \overline{)746}$$

$$4 \overline{)3,926}$$

B.

$$8 \overline{)5,032}$$

$$9 \overline{)8,441}$$

$$6 \overline{)8,257}$$

$$5 \overline{)4,654}$$

C.

$$5 \overline{)758}$$

$$8 \overline{)1,712}$$

$$6 \overline{)550}$$

$$9 \overline{)8,572}$$

D.

$$7 \overline{)5,894}$$

$$4 \overline{)2,716}$$

$$6 \overline{)4,536}$$

$$3 \overline{)9,256}$$

Martian Multiplication

Find the products.

A.
$$\begin{array}{r} 83 \\ \times 46 \\ \hline 498 \\ + 3320 \\ \hline 3818 \end{array}$$

$$\begin{array}{r} 92 \\ \times 77 \\ \hline \end{array}$$

$$\begin{array}{r} 51 \\ \times 85 \\ \hline \end{array}$$

$$\begin{array}{r} 16 \\ \times 61 \\ \hline \end{array}$$

B.
$$\begin{array}{r} 82 \\ \times 76 \\ \hline \end{array}$$

$$\begin{array}{r} 65 \\ \times 54 \\ \hline \end{array}$$

$$\begin{array}{r} 34 \\ \times 24 \\ \hline \end{array}$$

$$\begin{array}{r} 42 \\ \times 67 \\ \hline \end{array}$$

C.
$$\begin{array}{r} 148 \\ \times 53 \\ \hline \end{array}$$

$$\begin{array}{r} 162 \\ \times 53 \\ \hline \end{array}$$

$$\begin{array}{r} 237 \\ \times 19 \\ \hline \end{array}$$

$$\begin{array}{r} 489 \\ \times 33 \\ \hline \end{array}$$

D.
$$\begin{array}{r} 752 \\ \times 25 \\ \hline \end{array}$$

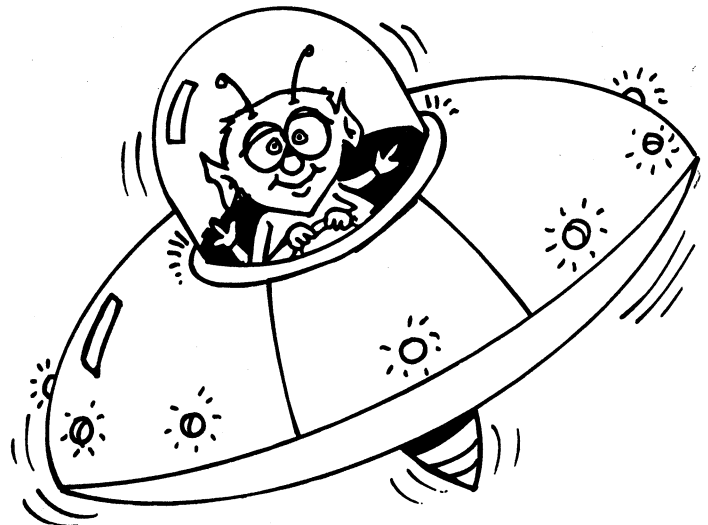
$$\begin{array}{r} 834 \\ \times 68 \\ \hline \end{array}$$

$$\begin{array}{r} 924 \\ \times 26 \\ \hline \end{array}$$

$$\begin{array}{r} 783 \\ \times 79 \\ \hline \end{array}$$

E.
$$\begin{array}{r} 312 \\ \times 58 \\ \hline \end{array}$$

$$\begin{array}{r} 674 \\ \times 85 \\ \hline \end{array}$$



The Great One

Add.

$$\begin{array}{r} \text{A.} \quad 19,346 \\ + 28,981 \\ \hline 48,327 \end{array}$$

$$\begin{array}{r} 26,128 \\ + 58,642 \\ \hline \end{array}$$

$$\begin{array}{r} 9,286 \\ + 36,697 \\ \hline \end{array}$$

$$\begin{array}{r} 83,126 \\ + 8,567 \\ \hline \end{array}$$

$$\begin{array}{r} \text{B.} \quad 11,987 \\ + 8,976 \\ \hline \end{array}$$

$$\begin{array}{r} 43,826 \\ + 10,897 \\ \hline \end{array}$$

$$\begin{array}{r} 56,046 \\ + 31,965 \\ \hline \end{array}$$

$$\begin{array}{r} 46,916 \\ + 28,427 \\ \hline \end{array}$$

$$\begin{array}{r} \text{C.} \quad 25,896 \\ + 24,104 \\ \hline \end{array}$$

$$\begin{array}{r} 39,126 \\ + 22,198 \\ \hline \end{array}$$

$$\begin{array}{r} 41,830 \\ + 9,267 \\ \hline \end{array}$$

$$\begin{array}{r} 75,326 \\ + 19,937 \\ \hline \end{array}$$

$$\begin{array}{r} \text{D.} \quad \$ 238.42 \\ + 162.46 \\ \hline \end{array}$$

$$\begin{array}{r} \$ 463.02 \\ + 189.98 \\ \hline \end{array}$$

$$\begin{array}{r} \$ 379.16 \\ + 438.09 \\ \hline \end{array}$$

$$\begin{array}{r} \$ 538.36 \\ + 91.07 \\ \hline \end{array}$$

$$\begin{array}{r} \text{E.} \quad 28,357 \\ \quad 1,963 \\ + 46,107 \\ \hline \end{array}$$

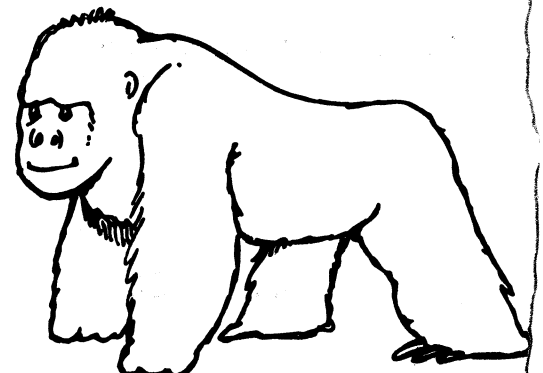
$$\begin{array}{r} 89,432 \\ \quad 987 \\ + 6,792 \\ \hline \end{array}$$

$$\begin{array}{r} \$ 258.36 \\ \quad 192.46 \\ + 98.10 \\ \hline \end{array}$$

$$\begin{array}{r} \$ 398.76 \\ \quad 18.07 \\ + 419.63 \\ \hline \end{array}$$

$$\begin{array}{r} \text{F.} \quad 38,916 \\ \quad 43,019 \\ + 7,923 \\ \hline \end{array}$$

$$\begin{array}{r} \$ 821.63 \\ \quad 119.63 \\ + 57.96 \\ \hline \end{array}$$



All That's Left



Find the differences.

A.
$$\begin{array}{r} 341 \\ 4,529 \\ - 1,635 \\ \hline 2,894 \end{array}$$

$$\begin{array}{r} 6,218 \\ - 3,862 \\ \hline \end{array}$$

$$\begin{array}{r} 9,126 \\ - 7,241 \\ \hline \end{array}$$

$$\begin{array}{r} 7,843 \\ - 3,589 \\ \hline \end{array}$$

B.
$$\begin{array}{r} 8,942 \\ - 1,385 \\ \hline \end{array}$$

$$\begin{array}{r} 1,549 \\ - 425 \\ \hline \end{array}$$

$$\begin{array}{r} 6,961 \\ - 4,682 \\ \hline \end{array}$$

$$\begin{array}{r} 3,257 \\ - 3,098 \\ \hline \end{array}$$

C.
$$\begin{array}{r} 8,573 \\ - 2,791 \\ \hline \end{array}$$

$$\begin{array}{r} 9,836 \\ - 1,465 \\ \hline \end{array}$$

$$\begin{array}{r} 3,816 \\ - 942 \\ \hline \end{array}$$

$$\begin{array}{r} 8,414 \\ - 3,916 \\ \hline \end{array}$$

D.
$$\begin{array}{r} 3,715 \\ - 1,896 \\ \hline \end{array}$$

$$\begin{array}{r} 4,536 \\ - 2,718 \\ \hline \end{array}$$

$$\begin{array}{r} 6,448 \\ - 4,942 \\ \hline \end{array}$$

$$\begin{array}{r} 1,815 \\ - 927 \\ \hline \end{array}$$

E.
$$\begin{array}{r} \$ 15.95 \\ - 9.98 \\ \hline \end{array}$$

$$\begin{array}{r} \$ 53.10 \\ - 49.95 \\ \hline \end{array}$$

$$\begin{array}{r} \$ 87.50 \\ - 49.25 \\ \hline \end{array}$$

F.
$$\begin{array}{r} \$ 26.27 \\ - 19.35 \\ \hline \end{array}$$

$$\begin{array}{r} \$ 45.11 \\ - 28.50 \\ \hline \end{array}$$

$$\begin{array}{r} \$ 78.76 \\ - 59.47 \\ \hline \end{array}$$

