# Multiplication in columns — Key

4 digits × 2 digits · with regrouping

Use the matching edition. Other correct methods are valid.

Multiply by the ones, then by the tens. Add the two partial products.

**1.**

$$\begin{array}{r} 3189 \\ \times\ 44 \\ \hline 12756 \\ +\ 127560 \\ \hline 140316 \end{array}$$

3189 × 44 = 140,316

**2.**

$$\begin{array}{r} 7221 \\ \times\ 65 \\ \hline 36105 \\ +\ 433260 \\ \hline 469365 \end{array}$$

7221 × 65 = 469,365

**3.**

$$\begin{array}{r} 9353 \\ \times\ 24 \\ \hline 37412 \\ +\ 187060 \\ \hline 224472 \end{array}$$

9353 × 24 = 224,472

**4.**

$$\begin{array}{r} 5089 \\ \times\ 80 \\ \hline 0 \\ +\ 407120 \\ \hline 407120 \end{array}$$

5089 × 80 = 407,120

**5.**

$$\begin{array}{r} 8212 \\ \times\ 38 \\ \hline 65696 \\ +\ 246360 \\ \hline 312056 \end{array}$$

8212 × 38 = 312,056

**6.**

$$\begin{array}{r} 1817 \\ \times\ 16 \\ \hline 10902 \\ +\ 18170 \\ \hline 29072 \end{array}$$

1817 × 16 = 29,072

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