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.

$$\begin{array}{r} 4890 \\ \times\ 77 \\ \hline 34230 \\ +\ 342300 \\ \hline 376530 \end{array}$$

4890 × 77 = 376,530

2.

$$\begin{array}{r} 4668 \\ \times\ 60 \\ \hline 0 \\ +\ 280080 \\ \hline 280080 \end{array}$$

4668 × 60 = 280,080

3.

$$\begin{array}{r} 8992 \\ \times\ 39 \\ \hline 80928 \\ +\ 269760 \\ \hline 350688 \end{array}$$

8992 × 39 = 350,688

4.

$$\begin{array}{r} 9141 \\ \times\ 18 \\ \hline 73128 \\ +\ 91410 \\ \hline 164538 \end{array}$$

9141 × 18 = 164,538

5.

$$\begin{array}{r} 5853 \\ \times\ 55 \\ \hline 29265 \\ +\ 292650 \\ \hline 321915 \end{array}$$

5853 × 55 = 321,915

6.

$$\begin{array}{r} 5991 \\ \times\ 85 \\ \hline 29955 \\ +\ 479280 \\ \hline 509235 \end{array}$$

5991 × 85 = 509,235

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