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.

$$\begin{array}{r} 2535 \\ \times\ 75 \\ \hline 12675 \\ +\ 177450 \\ \hline 190125 \end{array}$$

2535 × 75 = 190,125

2.

$$\begin{array}{r} 8425 \\ \times\ 45 \\ \hline 42125 \\ +\ 337000 \\ \hline 379125 \end{array}$$

8425 × 45 = 379,125

3.

$$\begin{array}{r} 4865 \\ \times\ 69 \\ \hline 43785 \\ +\ 291900 \\ \hline 335685 \end{array}$$

4865 × 69 = 335,685

4.

$$\begin{array}{r} 7103 \\ \times\ 20 \\ \hline 0 \\ +\ 142060 \\ \hline 142060 \end{array}$$

7103 × 20 = 142,060

5.

$$\begin{array}{r} 9548 \\ \times\ 81 \\ \hline 9548 \\ +\ 763840 \\ \hline 773388 \end{array}$$

9548 × 81 = 773,388

6.

$$\begin{array}{r} 6586 \\ \times\ 84 \\ \hline 26344 \\ +\ 526880 \\ \hline 553224 \end{array}$$

6586 × 84 = 553,224

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