Multiplication in columns — Key

4 digits × 2 digits · no regrouping

Use the matching edition. Other correct methods are valid.

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

1.

$$\begin{array}{r} 3102 \\ \times\ 21 \\ \hline 3102 \\ +\ 62040 \\ \hline 65142 \end{array}$$

3102 × 21 = 65,142

2.

$$\begin{array}{r} 3003 \\ \times\ 31 \\ \hline 3003 \\ +\ 90090 \\ \hline 93093 \end{array}$$

3003 × 31 = 93,093

3.

$$\begin{array}{r} 1213 \\ \times\ 23 \\ \hline 3639 \\ +\ 24260 \\ \hline 27899 \end{array}$$

1213 × 23 = 27,899

4.

$$\begin{array}{r} 1021 \\ \times\ 42 \\ \hline 2042 \\ +\ 40840 \\ \hline 42882 \end{array}$$

1021 × 42 = 42,882

5.

$$\begin{array}{r} 1010 \\ \times\ 41 \\ \hline 1010 \\ +\ 40400 \\ \hline 41410 \end{array}$$

1010 × 41 = 41,410

6.

$$\begin{array}{r} 1022 \\ \times\ 22 \\ \hline 2044 \\ +\ 20440 \\ \hline 22484 \end{array}$$

1022 × 22 = 22,484

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