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.

$$\begin{array}{r} 2112 \\ \times \quad 41 \\ \hline 2112 \\ +\ 84480 \\ \hline 86592 \end{array}$$

2112 × 41 = 86,592

2.

$$\begin{array}{r} 3020 \\ \times \quad 32 \\ \hline 6040 \\ +\ 90600 \\ \hline 96640 \end{array}$$

3020 × 32 = 96,640

3.

$$\begin{array}{r} 1201 \\ \times \quad 14 \\ \hline 4804 \\ +\ 12010 \\ \hline 16814 \end{array}$$

1201 × 14 = 16,814

4.

$$\begin{array}{r} 1110 \\ \times \quad 21 \\ \hline 1110 \\ +\ 22200 \\ \hline 23310 \end{array}$$

1110 × 21 = 23,310

5.

$$\begin{array}{r} 9062 \\ \times \quad 11 \\ \hline 9062 \\ +\ 90620 \\ \hline 99682 \end{array}$$

9062 × 11 = 99,682

6.

$$\begin{array}{r} 1020 \\ \times \quad 33 \\ \hline 3060 \\ +\ 30600 \\ \hline 33660 \end{array}$$

1020 × 33 = 33,660

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