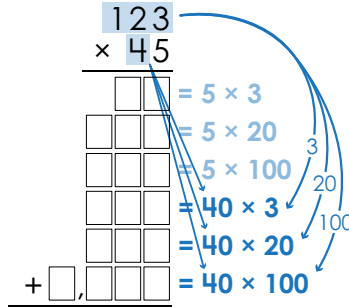
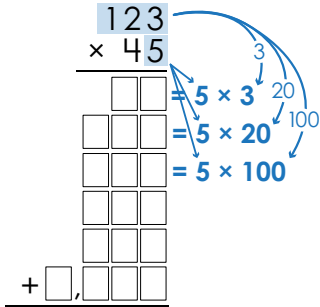


Partial Product Multiplication

Example



$$\begin{array}{r}
 123 \\
 \times 45 \\
 \hline
 15 = 5 \times 3 \\
 100 = 5 \times 20 \\
 500 = 5 \times 100 \\
 120 = 40 \times 3 \\
 800 = 40 \times 20 \\
 + 4,000 = 40 \times 100 \\
 \hline
 5,535
 \end{array}$$

Solve using partial products.

a. 214

b. 526

c. 189

Preview

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d.

$$\begin{array}{r}
 327 \\
 \times 62 \\
 \hline
 \square \square \\
 \square \square \\
 \square \square \square \\
 \square \square \square \\
 \square, \square \square \square \\
 + \square \square, \square \square \square \\
 \hline
 \end{array}$$

e.

$$\begin{array}{r}
 639 \\
 \times 28 \\
 \hline
 \square \square \\
 \square \square \square \\
 \square, \square \square \square \\
 \square \square \square \\
 \square \square \square \\
 + \square \square, \square \square \square \\
 \hline
 \end{array}$$

f.

$$\begin{array}{r}
 418 \\
 \times 74 \\
 \hline
 \square \square \\
 \square \square \\
 \square, \square \square \square \\
 \square \square \square \\
 \square \square \square \\
 + \square \square, \square \square \square \\
 \hline
 \end{array}$$

Partial Product Multiplication

Solve using partial products.

a.
$$\begin{array}{r} 214 \\ \times 48 \\ \hline \end{array}$$

$32 = 8 \times 4$

b.
$$\begin{array}{r} 526 \\ \times 37 \\ \hline \end{array}$$

$42 = 7 \times 6$

c.
$$\begin{array}{r} 189 \\ \times 52 \\ \hline \end{array}$$

$18 = 2 \times 9$

Preview

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