

# Partial Product Multiplication

Examples

$$\begin{array}{r}
 234 \\
 \times 56 \\
 \hline
 1380 \\
 11700 \\
 \hline
 13104
 \end{array}$$

$24 = 6 \times 4$   
 $180 = 6 \times 30$   
 $1,200 = 6 \times 200$   
 $200 = 50 \times 4$   
 $1,500 = 50 \times 30$   
 $+ 10,000 = 50 \times 200$

$$\begin{array}{r}
 567 \\
 \times 89 \\
 \hline
 5103 \\
 45000 \\
 \hline
 50463
 \end{array}$$

$63 = 9 \times 7$   
 $540 = 9 \times 60$   
 $4,500 = 9 \times 500$   
 $560 = 80 \times 7$   
 $4,800 = 80 \times 60$   
 $+ 40,000 = 80 \times 500$

Solve using partial products.



# Preview

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c.

$$\begin{array}{r}
 263 \\
 \times 79 \\
 \hline
 \end{array}$$

=

=

=

=

=

=

+

=

d.

$$\begin{array}{r}
 627 \\
 \times 42 \\
 \hline
 \end{array}$$

=

=

=

=

=

=

+

=

## Partial Product Multiplication

Solve using partial products.

a.

$$\begin{array}{r} 849 \\ \times 13 \\ \hline \end{array}$$

b.

$$\begin{array}{r} 372 \\ \times 58 \\ \hline \end{array}$$

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