

# Partial Product Multiplication

Examples

$$\begin{array}{r}
 123 \\
 \times 4 \\
 \hline
 492
 \end{array}$$

$$\begin{array}{l}
 12 = 4 \times 3 \\
 80 = 4 \times 20 \\
 + 400 = 4 \times 100 \\
 \hline
 492
 \end{array}$$

$$\begin{array}{r}
 678 \\
 \times 5 \\
 \hline
 3390
 \end{array}$$

$$\begin{array}{l}
 40 = 5 \times 8 \\
 350 = 5 \times 70 \\
 + 3000 = 5 \times 600 \\
 \hline
 3390
 \end{array}$$

Solve using partial products.

a. 
$$\begin{array}{r}
 654 \\
 \times 3 \\
 \hline
 \end{array}
 =$$

b. 
$$\begin{array}{r}
 273 \\
 \times 8 \\
 \hline
 \end{array}
 =$$

c. 
$$\begin{array}{r}
 529 \\
 \times 4 \\
 \hline
 \end{array}
 =$$



$$\begin{array}{r}
 + \\
 \hline
 \end{array}
 =$$

$$\begin{array}{r}
 + \\
 \hline
 \end{array}
 =$$

$$\begin{array}{r}
 + \\
 \hline
 \end{array}
 =$$

g. 
$$\begin{array}{r}
 132 \\
 \times 9 \\
 \hline
 \end{array}
 =$$

$$\begin{array}{r}
 + \\
 \hline
 \end{array}
 =$$

h. 
$$\begin{array}{r}
 746 \\
 \times 3 \\
 \hline
 \end{array}
 =$$

$$\begin{array}{r}
 + \\
 \hline
 \end{array}
 =$$

i. 
$$\begin{array}{r}
 386 \\
 \times 7 \\
 \hline
 \end{array}
 =$$

$$\begin{array}{r}
 + \\
 \hline
 \end{array}
 =$$

## Partial Product Multiplication

Solve using partial products.

a. 
$$\begin{array}{r} 654 \\ \times 3 \\ \hline \end{array}$$

b. 
$$\begin{array}{r} 273 \\ \times 8 \\ \hline \end{array}$$

c. 
$$\begin{array}{r} 529 \\ \times 4 \\ \hline \end{array}$$

# Preview

Please log in to download  
the printable version of this worksheet.

