## Partial Product Multiplication

Solve using partial products.

d.


b.

$=\square \times \square$ $=\square \times \square$

$$
=\square \times \square
$$

$$
+\square=\square \times \square
$$

c. $\quad 73$
$\times 28$

$$
\begin{aligned}
& \frac{\times 28}{\square}=\square \times \square \\
& =\square \times \square \\
& =\square \times \square
\end{aligned}
$$


e. $\begin{array}{r}55 \\ \times 34 \\ \hline\end{array}$

$=\square \times \square$
$=\square \times \square$
$=\square \times \square$

h. $\begin{array}{r}31 \\ \times 42 \\ \hline\end{array}$
$=\square \times \square$
$=\square \times \square$



$$
\square=\square \times \square
$$

$=\square \times \square$
$+\square=\square \times \square$
f. $\begin{array}{r}38 \\ \times 49 \\ \hline\end{array}$

i. $\begin{array}{r}67 \\ \times 17 \\ \hline\end{array}$

$$
\square=\square \times \square
$$

$$
+\square=\square \times \square
$$

## ANSWER KEY

## Partial Product Multiplication

Solve using partial products.

d.

g

b.

c. $\quad 73$
$\frac{\times 28}{24}=8 \times 3$
$560=8 \times 70$
$60=20 \times 3$
$+1,400=20 \times 70$
e.

f. $\begin{array}{r}38 \\ \times 49 \\ \hline\end{array}$

$2=2 \times 1$
h.

h. | 31 |
| ---: |
| $\times 42$ |
| $\square 2$ |$=\boxed{2} \times \square 1$

i. $\quad 67$

1. $\begin{array}{r}67 \\ \times 17 \\ \hline\end{array}$

| $\bar{\square} 49$ | $=7 \times 7$ |
| ---: | :--- |
| 420 | $=7 \times 60$ |
| 770 | $=10 \times 7$ |

$+600=10 \times 60$
1,139

