

# Distributive Property Multiplication (H)

Use the distributive property as shown to find each product.

$$\begin{aligned} 474 \times 4 &= 400 \times 4 + 70 \times 4 + 4 \times 4 \\ &= 1600 + 280 + 16 \\ &= 1896 \end{aligned}$$

$$\begin{aligned} 492 \times 3 &= \underline{\quad} \times 3 + \underline{\quad} \times 3 + \underline{\quad} \times 3 \\ &= 1200 + 270 + 6 \\ &= 1476 \end{aligned}$$

$$\begin{aligned} 139 \times 4 &= \underline{\quad} \times 4 + \underline{\quad} \times 4 + \underline{\quad} \times 4 \\ &= \underline{\quad} + \underline{\quad} + \underline{\quad} \\ &= 556 \end{aligned}$$

$$\begin{aligned} 188 \times 6 &= \underline{\quad} \times \underline{\quad} + \underline{\quad} \times \underline{\quad} + \underline{\quad} \times \underline{\quad} \\ &= \underline{\quad} + \underline{\quad} + \underline{\quad} \\ &= \underline{\quad} \end{aligned}$$

$$\begin{aligned} 348 \times 2 &= \underline{\quad} \times \underline{\quad} + \underline{\quad} \times \underline{\quad} + \underline{\quad} \times \underline{\quad} \\ &= \underline{\quad} + \underline{\quad} + \underline{\quad} \\ &= \underline{\quad} \end{aligned}$$

$$\begin{aligned} 749 \times 6 &= \underline{\quad} \times \underline{\quad} + \underline{\quad} \times \underline{\quad} + \underline{\quad} \times \underline{\quad} \\ &= \underline{\quad} + \underline{\quad} + \underline{\quad} \\ &= \underline{\quad} \end{aligned}$$

$$\begin{aligned} 113 \times 8 &= \underline{\quad} \times \underline{\quad} + \underline{\quad} \times \underline{\quad} + \underline{\quad} \times \underline{\quad} \\ &= \underline{\quad} + \underline{\quad} + \underline{\quad} \\ &= \underline{\quad} \end{aligned}$$

# Distributive Property Multiplication (H) Answers

Use the distributive property as shown to find each product.

$$\begin{aligned}474 \times 4 &= 400 \times 4 + 70 \times 4 + 4 \times 4 \\ &= 1600 + 280 + 16 \\ &= 1896\end{aligned}$$

$$\begin{aligned}492 \times 3 &= 400 \times 3 + 90 \times 3 + 2 \times 3 \\ &= 1200 + 270 + 6 \\ &= 1476\end{aligned}$$

$$\begin{aligned}139 \times 4 &= 100 \times 4 + 30 \times 4 + 9 \times 4 \\ &= 400 + 120 + 36 \\ &= 556\end{aligned}$$

$$\begin{aligned}188 \times 6 &= 100 \times 6 + 80 \times 6 + 8 \times 6 \\ &= 600 + 480 + 48 \\ &= 1128\end{aligned}$$

$$\begin{aligned}348 \times 2 &= 300 \times 2 + 40 \times 2 + 8 \times 2 \\ &= 600 + 80 + 16 \\ &= 696\end{aligned}$$

$$\begin{aligned}749 \times 6 &= 700 \times 6 + 40 \times 6 + 9 \times 6 \\ &= 4200 + 240 + 54 \\ &= 4494\end{aligned}$$

$$\begin{aligned}113 \times 8 &= 100 \times 8 + 10 \times 8 + 3 \times 8 \\ &= 800 + 80 + 24 \\ &= 904\end{aligned}$$