

Distributive Property Multiplication (H)

Use the distributive property as shown to find each product.

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

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

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

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

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

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

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