

Distributive Property Multiplication (E)

Use the distributive property as shown to find each product.

$$\begin{aligned} 236 \times 5 &= 200 \times 5 + 30 \times 5 + 6 \times 5 \\ &= 1000 + 150 + 30 \\ &= 1180 \end{aligned}$$

$$\begin{aligned} 872 \times 7 &= \underline{\quad} \times 7 + \underline{\quad} \times 7 + \underline{\quad} \times 7 \\ &= 5600 + 490 + 14 \\ &= 6104 \end{aligned}$$

$$\begin{aligned} 937 \times 4 &= \underline{\quad} \times 4 + \underline{\quad} \times 4 + \underline{\quad} \times 4 \\ &= \underline{\quad} + \underline{\quad} + \underline{\quad} \\ &= 3748 \end{aligned}$$

$$\begin{aligned} 641 \times 8 &= \underline{\quad} \times \underline{\quad} + \underline{\quad} \times \underline{\quad} + \underline{\quad} \times \underline{\quad} \\ &= \underline{\quad} + \underline{\quad} + \underline{\quad} \\ &= \underline{\quad} \end{aligned}$$

$$\begin{aligned} 956 \times 3 &= \underline{\quad} \times \underline{\quad} + \underline{\quad} \times \underline{\quad} + \underline{\quad} \times \underline{\quad} \\ &= \underline{\quad} + \underline{\quad} + \underline{\quad} \\ &= \underline{\quad} \end{aligned}$$

$$\begin{aligned} 988 \times 4 &= \underline{\quad} \times \underline{\quad} + \underline{\quad} \times \underline{\quad} + \underline{\quad} \times \underline{\quad} \\ &= \underline{\quad} + \underline{\quad} + \underline{\quad} \\ &= \underline{\quad} \end{aligned}$$

$$\begin{aligned} 794 \times 6 &= \underline{\quad} \times \underline{\quad} + \underline{\quad} \times \underline{\quad} + \underline{\quad} \times \underline{\quad} \\ &= \underline{\quad} + \underline{\quad} + \underline{\quad} \\ &= \underline{\quad} \end{aligned}$$

Distributive Property Multiplication (E) Answers

Use the distributive property as shown to find each product.

$$\begin{aligned}236 \times 5 &= 200 \times 5 + 30 \times 5 + 6 \times 5 \\ &= 1000 + 150 + 30 \\ &= 1180\end{aligned}$$

$$\begin{aligned}872 \times 7 &= 800 \times 7 + 70 \times 7 + 2 \times 7 \\ &= 5600 + 490 + 14 \\ &= 6104\end{aligned}$$

$$\begin{aligned}937 \times 4 &= 900 \times 4 + 30 \times 4 + 7 \times 4 \\ &= 3600 + 120 + 28 \\ &= 3748\end{aligned}$$

$$\begin{aligned}641 \times 8 &= 600 \times 8 + 40 \times 8 + 1 \times 8 \\ &= 4800 + 320 + 8 \\ &= 5128\end{aligned}$$

$$\begin{aligned}956 \times 3 &= 900 \times 3 + 50 \times 3 + 6 \times 3 \\ &= 2700 + 150 + 18 \\ &= 2868\end{aligned}$$

$$\begin{aligned}988 \times 4 &= 900 \times 4 + 80 \times 4 + 8 \times 4 \\ &= 3600 + 320 + 32 \\ &= 3952\end{aligned}$$

$$\begin{aligned}794 \times 6 &= 700 \times 6 + 90 \times 6 + 4 \times 6 \\ &= 4200 + 540 + 24 \\ &= 4764\end{aligned}$$