

Distributive Property Multiplication (A)

Use the distributive property as shown to find each product.

$$\begin{aligned} 965 \times 4 &= 900 \times 4 + 60 \times 4 + 5 \times 4 \\ &= 3600 + 240 + 20 \\ &= 3860 \end{aligned}$$

$$\begin{aligned} 141 \times 5 &= \underline{\quad} \times 5 + \underline{\quad} \times 5 + \underline{\quad} \times 5 \\ &= 500 + 200 + 5 \\ &= 705 \end{aligned}$$

$$\begin{aligned} 645 \times 6 &= \underline{\quad} \times 6 + \underline{\quad} \times 6 + \underline{\quad} \times 6 \\ &= \underline{\quad} + \underline{\quad} + \underline{\quad} \\ &= 3870 \end{aligned}$$

$$\begin{aligned} 433 \times 8 &= \underline{\quad} \times \underline{\quad} + \underline{\quad} \times \underline{\quad} + \underline{\quad} \times \underline{\quad} \\ &= \underline{\quad} + \underline{\quad} + \underline{\quad} \\ &= \underline{\quad} \end{aligned}$$

$$\begin{aligned} 833 \times 2 &= \underline{\quad} \times \underline{\quad} + \underline{\quad} \times \underline{\quad} + \underline{\quad} \times \underline{\quad} \\ &= \underline{\quad} + \underline{\quad} + \underline{\quad} \\ &= \underline{\quad} \end{aligned}$$

$$\begin{aligned} 196 \times 4 &= \underline{\quad} \times \underline{\quad} + \underline{\quad} \times \underline{\quad} + \underline{\quad} \times \underline{\quad} \\ &= \underline{\quad} + \underline{\quad} + \underline{\quad} \\ &= \underline{\quad} \end{aligned}$$

$$\begin{aligned} 967 \times 8 &= \underline{\quad} \times \underline{\quad} + \underline{\quad} \times \underline{\quad} + \underline{\quad} \times \underline{\quad} \\ &= \underline{\quad} + \underline{\quad} + \underline{\quad} \\ &= \underline{\quad} \end{aligned}$$

Distributive Property Multiplication (A) Answers

Use the distributive property as shown to find each product.

$$\begin{aligned} 965 \times 4 &= 900 \times 4 + 60 \times 4 + 5 \times 4 \\ &= 3600 + 240 + 20 \\ &= 3860 \end{aligned}$$

$$\begin{aligned} 141 \times 5 &= 100 \times 5 + 40 \times 5 + 1 \times 5 \\ &= 500 + 200 + 5 \\ &= 705 \end{aligned}$$

$$\begin{aligned} 645 \times 6 &= 600 \times 6 + 40 \times 6 + 5 \times 6 \\ &= 3600 + 240 + 30 \\ &= 3870 \end{aligned}$$

$$\begin{aligned} 433 \times 8 &= 400 \times 8 + 30 \times 8 + 3 \times 8 \\ &= 3200 + 240 + 24 \\ &= 3464 \end{aligned}$$

$$\begin{aligned} 833 \times 2 &= 800 \times 2 + 30 \times 2 + 3 \times 2 \\ &= 1600 + 60 + 6 \\ &= 1666 \end{aligned}$$

$$\begin{aligned} 196 \times 4 &= 100 \times 4 + 90 \times 4 + 6 \times 4 \\ &= 400 + 360 + 24 \\ &= 784 \end{aligned}$$

$$\begin{aligned} 967 \times 8 &= 900 \times 8 + 60 \times 8 + 7 \times 8 \\ &= 7200 + 480 + 56 \\ &= 7736 \end{aligned}$$