

Distributive Property Multiplication (A)

Use the distributive property as shown to find each product.

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

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

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

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

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

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

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