

Distributive Property Multiplication (A)

Use the distributive property as shown to find each product.

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

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

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

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

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

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

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