

Multiply with multi-digit

Name _____

$$\begin{array}{r}
 534 \\
 \times 4 \\
 \hline
 \boxed{} \boxed{} \\
 \boxed{} \boxed{} \boxed{} \\
 + \boxed{} \boxed{} \boxed{} \boxed{} \\
 \hline
 \boxed{} \boxed{} \boxed{} \boxed{}
 \end{array}$$

Multiply 4×4

Multiply 4×30

Multiply 4×500

Add the partial products.

$$\begin{array}{r}
 345 \\
 \times 3 \\
 \hline
 \boxed{} \boxed{} \\
 \boxed{} \boxed{} \boxed{} \\
 + \boxed{} \boxed{} \boxed{} \\
 \hline
 \boxed{} \boxed{} \boxed{} \boxed{}
 \end{array}$$

$$\begin{array}{r}
 328 \\
 \times 2 \\
 \hline
 \boxed{} \boxed{} \\
 \boxed{} \boxed{} \\
 + \boxed{} \boxed{} \boxed{} \\
 \hline
 \boxed{} \boxed{} \boxed{}
 \end{array}$$

$$\begin{array}{r}
 323 \\
 \times 4 \\
 \hline
 \boxed{} \boxed{} \\
 \boxed{} \boxed{} \\
 + \boxed{} \boxed{} \boxed{} \\
 \hline
 \boxed{} \boxed{} \boxed{} \boxed{}
 \end{array}$$

Use the distributive property to multiply

$$\begin{aligned}
 4 \times 324 &= (\underline{} \times \underline{}) + (\underline{} \times \underline{}) + (\underline{} \times \underline{}) \\
 &= \underline{} + \underline{} + \underline{} \\
 &= \underline{}
 \end{aligned}$$