

Multiples first: dividing by 45

Name: _____

Date: _____

Write the multiples of the divisor first, then use that list to divide without guessing.

Multiples of 45

$45 \times 1 = \boxed{}$

$45 \times 2 = \boxed{}$

$45 \times 3 = \boxed{}$

$45 \times 4 = \boxed{}$

$45 \times 5 = \boxed{}$

$45 \times 6 = \boxed{}$

$45 \times 7 = \boxed{}$

$45 \times 8 = \boxed{}$

$45 \times 9 = \boxed{}$

Now divide, using the list above

1.
$$\begin{array}{r} \boxed{} \\ 45 \overline{) 1755} \end{array}$$

2.
$$\begin{array}{r} \boxed{} \\ 45 \overline{) 9450} \end{array}$$

3.
$$\begin{array}{r} \boxed{} \\ 45 \overline{) 3915} \end{array}$$

4.
$$\begin{array}{r} \boxed{} \\ 45 \overline{) 4185} \end{array}$$

Answer key: Multiples first: dividing by 45

Write the multiples of the divisor first, then use that list to divide without guessing.

Multiples of 45

$$45 \times 1 = 45 \qquad 45 \times 2 = 90 \qquad 45 \times 3 = 135$$

$$45 \times 4 = 180 \qquad 45 \times 5 = 225 \qquad 45 \times 6 = 270$$

$$45 \times 7 = 315 \qquad 45 \times 8 = 360 \qquad 45 \times 9 = 405$$

Now divide, using the list above

1.

$$\begin{array}{r} 39 \\ 45 \overline{) 1755} \\ \underline{- 135} \\ 405 \\ \underline{- 405} \\ 0 \end{array}$$

2.

$$\begin{array}{r} 210 \\ 45 \overline{) 9450} \\ \underline{- 90} \\ 45 \\ \underline{- 45} \\ 0 \\ \underline{- 0} \\ 0 \end{array}$$

3.

$$\begin{array}{r} 87 \\ 45 \overline{) 3915} \\ \underline{- 360} \\ 315 \\ \underline{- 315} \\ 0 \end{array}$$

4.

$$\begin{array}{r} 93 \\ 45 \overline{) 4185} \\ \underline{- 405} \\ 135 \\ \underline{- 135} \\ 0 \end{array}$$