

Multiples first: dividing by 24

Name: _____

Date: _____

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

Multiples of 24

$24 \times 1 = \boxed{}$

$24 \times 2 = \boxed{}$

$24 \times 3 = \boxed{}$

$24 \times 4 = \boxed{}$

$24 \times 5 = \boxed{}$

$24 \times 6 = \boxed{}$

$24 \times 7 = \boxed{}$

$24 \times 8 = \boxed{}$

$24 \times 9 = \boxed{}$

Now divide, using the list above

1.
$$\begin{array}{r} \boxed{} \\ 24 \overline{) 2448} \end{array}$$

2.
$$\begin{array}{r} \boxed{} \\ 24 \overline{) 6960} \end{array}$$

3.
$$\begin{array}{r} \boxed{} \\ 24 \overline{) 1632} \end{array}$$

4.
$$\begin{array}{r} \boxed{} \\ 24 \overline{) 1704} \end{array}$$

Answer key: Multiples first: dividing by 24

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

Multiples of 24

$24 \times 1 =$	24	$24 \times 2 =$	48	$24 \times 3 =$	72
$24 \times 4 =$	96	$24 \times 5 =$	120	$24 \times 6 =$	144
$24 \times 7 =$	168	$24 \times 8 =$	192	$24 \times 9 =$	216

Now divide, using the list above

1.

$$\begin{array}{r} 102 \\ 24 \overline{) 2448} \\ \underline{- 24} \\ 4 \\ \underline{- 0} \\ 48 \\ \underline{- 48} \\ 0 \end{array}$$

2.

$$\begin{array}{r} 290 \\ 24 \overline{) 6960} \\ \underline{- 48} \\ 216 \\ \underline{- 216} \\ 0 \\ \underline{- 0} \\ 0 \end{array}$$

3.

$$\begin{array}{r} 68 \\ 24 \overline{) 1632} \\ \underline{- 144} \\ 192 \\ \underline{- 192} \\ 0 \end{array}$$

4.

$$\begin{array}{r} 71 \\ 24 \overline{) 1704} \\ \underline{- 168} \\ 24 \\ \underline{- 24} \\ 0 \end{array}$$