

Multiples first: dividing by 32

Name: _____

Date: _____

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

Multiples of 32

$32 \times 1 = \boxed{}$

$32 \times 2 = \boxed{}$

$32 \times 3 = \boxed{}$

$32 \times 4 = \boxed{}$

$32 \times 5 = \boxed{}$

$32 \times 6 = \boxed{}$

$32 \times 7 = \boxed{}$

$32 \times 8 = \boxed{}$

$32 \times 9 = \boxed{}$

Now divide, using the list above

1.
$$\begin{array}{r} \boxed{} \text{ R } \underline{} \\ 32 \overline{) 7352} \end{array}$$

2.
$$\begin{array}{r} \boxed{} \text{ R } \underline{} \\ 32 \overline{) 3875} \end{array}$$

3.
$$\begin{array}{r} \boxed{} \text{ R } \underline{} \\ 32 \overline{) 2191} \end{array}$$

4.
$$\begin{array}{r} \boxed{} \text{ R } \underline{} \\ 32 \overline{) 6380} \end{array}$$

Answer key: Multiples first: dividing by 32

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

Multiples of 32

$32 \times 1 =$	32	$32 \times 2 =$	64	$32 \times 3 =$	96
$32 \times 4 =$	128	$32 \times 5 =$	160	$32 \times 6 =$	192
$32 \times 7 =$	224	$32 \times 8 =$	256	$32 \times 9 =$	288

Now divide, using the list above

1.
$$\begin{array}{r} 229 \text{ R } 24 \\ 32 \overline{) 7352} \\ \underline{- 64} \\ 95 \\ \underline{- 64} \\ 312 \\ \underline{- 288} \\ 24 \end{array}$$

2.
$$\begin{array}{r} 121 \text{ R } 3 \\ 32 \overline{) 3875} \\ \underline{- 32} \\ 67 \\ \underline{- 64} \\ 35 \\ \underline{- 32} \\ 3 \end{array}$$

3.
$$\begin{array}{r} 68 \text{ R } 15 \\ 32 \overline{) 2191} \\ \underline{- 192} \\ 271 \\ \underline{- 256} \\ 15 \end{array}$$

4.
$$\begin{array}{r} 199 \text{ R } 12 \\ 32 \overline{) 6380} \\ \underline{- 32} \\ 318 \\ \underline{- 288} \\ 300 \\ \underline{- 288} \\ 12 \end{array}$$