

Name: Class:

Divide larger numbers by 1-digit numbers

Divide the following.

a. $523 \div 7$

d. $5,729 \div 9$

b. $285 \div 9$

e. $5,292 \div 4$

c. $4020 \div 5$

f. $500 \div 20$



Name: Class:

Divide larger numbers by 1-digit numbers

Divide the following.

a. $523 \div 7$

Let's use the long division method

$$\begin{array}{r} 74 \\ 7 \overline{) 523} \\ \underline{- 49} \\ 33 \\ \underline{- 28} \\ 5 \end{array}$$

So, $523 \div 7 = 74 \text{ R } 5$

d. $5,729 \div 9$

Let's use the long division method

$$\begin{array}{r} 636 \\ 9 \overline{) 5,729} \\ \underline{- 54} \\ 32 \\ \underline{- 27} \\ 59 \\ \underline{- 54} \\ 5 \end{array}$$

So, $5,729 \div 9 = 636 \text{ R } 5$

b. $285 \div 9$

Let's use the long division method

$$\begin{array}{r} 31 \\ 9 \overline{) 285} \\ \underline{- 27} \\ 15 \\ \underline{- 9} \\ 6 \end{array}$$

So, $285 \div 9 = 31 \text{ R } 6$

e. $5,292 \div 4$

Let's use the long division method

$$\begin{array}{r} 132 \\ 4 \overline{) 5,292} \\ \underline{- 4} \\ 12 \\ \underline{- 12} \\ 09 \\ \underline{- 8} \\ 12 \\ \underline{- 12} \\ 0 \end{array}$$

So, $5,292 \div 4 = 132$

c. $4020 \div 5$

Let's use the long division method

$$\begin{array}{r} 804 \\ 5 \overline{) 4020} \\ \underline{- 40} \\ 02 \\ \underline{- 0} \\ 20 \\ \underline{- 20} \\ 00 \end{array}$$

So, $4020 \div 5 = 804$

f. $500 \div 20 = 25$

