

Name: Class:

Divide 2-digit and 3-digit numbers by 2-digit numbers

Divide the following using the long division method.

a. $45 \div 15$

b. $175 \div 13$

c. $731 \div 24$



d. $65 \div 35$

e. $800 \div 10$

f. $492 \div 21$

g. $89 \div 11$

h. $370 \div 20$

i. $10 \div 5$

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Divide 2-digit and 3-digit numbers by 2-digit numbers

Divide the following using the long division method.

a. $45 \div 15$

$$\begin{array}{r} 3 \\ 15 \overline{) 45} \\ \underline{- 45} \\ 0 \end{array}$$

So, $45 \div 15 = 3$

b. $175 \div 13$

$$\begin{array}{r} 13 \\ 13 \overline{) 175} \\ \underline{- 13} \\ 45 \\ \underline{- 39} \\ 6 \end{array}$$

So, $175 \div 13 = 13 \text{ R } 6$

c. $731 \div 24$

$$\begin{array}{r} 30 \\ 24 \overline{) 731} \\ \underline{- 72} \\ 11 \\ \underline{- 0} \\ 11 \end{array}$$

So, $731 \div 24 = 30 \text{ R } 11$



d. $65 \div 35$

$$\begin{array}{r} 1 \\ 35 \overline{) 65} \\ \underline{- 35} \\ 30 \end{array}$$

So, $65 \div 35 = 1 \text{ R } 30$

e. $800 \div 10$

$$\begin{array}{r} 80 \\ 10 \overline{) 800} \\ \underline{- 80} \\ 00 \\ \underline{- 0} \\ 0 \end{array}$$

So, $800 \div 10 = 80$

f. $492 \div 21$

$$\begin{array}{r} 23 \\ 21 \overline{) 492} \\ \underline{- 42} \\ 72 \\ \underline{- 63} \\ 9 \end{array}$$

So, $492 \div 21 = 23 \text{ R } 9$

g. $89 \div 11$

$$\begin{array}{r} 8 \\ 11 \overline{) 89} \\ \underline{- 88} \\ 1 \end{array}$$

So, $89 \div 11 = 8 \text{ R } 1$

h. $370 \div 20$

$$\begin{array}{r} 18 \\ 20 \overline{) 370} \\ \underline{- 20} \\ 170 \\ \underline{- 160} \\ 10 \end{array}$$

So, $370 \div 20 = 18 \text{ R } 10$

i. $10 \div 5$

$$\begin{array}{r} 2 \\ 5 \overline{) 10} \\ \underline{- 10} \\ 0 \end{array}$$

So, $10 \div 5 = 2$