

Name: Class:



Divide by 2-digit numbers

Divide the following using the long division method.

a. $8,926 \div 25$

b. $93 \div 17$

c. $537 \div 29$

d. $47,320 \div 35$

e. $7,324 \div 42$

f. $4,963 \div 15$



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Divide by 2-digit numbers

Divide the following using the long division method.

a. $8,926 \div 25$

$$\begin{array}{r} 357 \\ 25 \overline{) 8926} \\ \underline{- 75} \\ 142 \\ \underline{- 125} \\ 176 \\ \underline{- 175} \\ 1 \end{array}$$

So, $8,926 \div 25 = 357 \text{ R } 1$

b. $93 \div 17$

$$\begin{array}{r} 5 \\ 17 \overline{) 93} \\ \underline{- 85} \\ 8 \end{array}$$

So, $93 \div 17 = 5 \text{ R } 8$

c. $537 \div 29$

$$\begin{array}{r} 18 \\ 29 \overline{) 537} \\ \underline{- 29} \\ 247 \\ \underline{- 232} \\ 15 \end{array}$$

So, $537 \div 29 = 18 \text{ R } 15$

d. $47,320 \div 35$

$$\begin{array}{r} 1352 \\ 35 \overline{) 47320} \\ \underline{- 35} \\ 123 \\ \underline{- 105} \\ 182 \\ \underline{- 175} \\ 70 \\ \underline{- 70} \\ 0 \end{array}$$

So, $47,320 \div 35 = 1352$

e. $7,324 \div 42$

$$\begin{array}{r} 174 \\ 42 \overline{) 7324} \\ \underline{- 42} \\ 312 \\ \underline{- 294} \\ 184 \\ \underline{- 168} \\ 16 \end{array}$$

So, $7,324 \div 42 = 174 \text{ R } 16$

f. $4,963 \div 15$

$$\begin{array}{r} 330 \\ 15 \overline{) 4963} \\ \underline{- 45} \\ 46 \\ \underline{- 45} \\ 13 \\ \underline{- 0} \\ 13 \end{array}$$

So, $4,963 \div 15 = 330$

