

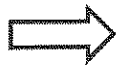
## G5-M2-Lesson 27

1. Divide. Check your work with multiplication.

$$6.3 \div 18$$

I can estimate.  $60 \text{ tenths} \div 20 = 3 \text{ tenths}$ .

$$\begin{array}{r} 0.3 \\ 18 \overline{) 6.30} \\ \underline{- 54} \phantom{0} \\ 9 \phantom{0} \end{array}$$



I can estimate again.  
 $100 \text{ hundredths} \div 20 = 5 \text{ hundredths}$ .

$$\begin{array}{r} 0.35 \\ 18 \overline{) 6.30} \\ \underline{- 54} \phantom{0} \\ 90 \\ \underline{- 90} \\ 0 \end{array}$$

I still need to check my work. But since the dividend, 6.3, is less than the divisor, 18, a quotient of less than 1 is reasonable.

Check:

$$\begin{array}{r} 0.35 \\ \times 18 \\ \hline 280 \\ + 350 \\ \hline 6.30 \end{array}$$

After checking, I get 6.30, which does match the original dividend. So I know I divided correctly.

2. 43.4 kilograms of raisins was placed into 31 packages of equal weight. What is the weight of one package of raisins?

$$\begin{array}{r} 1.4 \\ 31 \overline{) 43.4} \\ \underline{- 31} \phantom{0} \\ 124 \\ \underline{- 124} \\ 0 \end{array}$$

I can use division,  $43.4 \div 31$ , to find the weight of one package.

43.4 kilograms divided by 31 is equal to 1.4 kilograms.

*The weight of one package of raisins is 1.4 kilograms.*

The quotient is reasonable. Since the dividend, 43.4, is just a little bit more than the divisor, 31, a quotient of 1.4 makes sense.