

# L41 Finding % of a #

multiply

$$15\% \text{ of } 20$$

$$15\% \times 20$$

$$0.15 \times 20$$

$$\frac{15}{100} \times \frac{20}{1}$$

$$15\% \rightarrow \frac{15}{100} \rightarrow 0.15$$

$$0.15 \times 20$$

$$\begin{array}{r} .15 \\ \times 20 \\ \hline \textcircled{300} \end{array}$$

$$\frac{15 \div 5}{100 \div 5} = \frac{3}{20}$$

$$\frac{3}{20} \times \frac{20}{1} = \frac{60}{20}$$

$$\begin{array}{r} \textcircled{3} \\ 20 \overline{) 60} \\ \underline{-60} \\ \hline \end{array}$$

% → Decimal

% →  $\frac{n}{d}$  → decimal

33% →  $\frac{33}{100}$  → 0.33

Kiana got 80% of the 25 questions correct. How many questions did she get correct?

$$80\% \times 25$$

$$\begin{array}{r} 25 \\ \times .8 \\ \hline 20.0 \end{array}$$

$$\frac{80}{100} \rightarrow 0.8$$

$$.8 \times 25$$

$$\frac{80}{100} \times \frac{25}{1} = \frac{4}{5} \times \frac{25}{1} = \frac{100}{5} = 20$$

# Sales Tax / Tip

% of cost

\$12 meal

% x cost

6% tax

6% x \$12

6%  $\rightarrow \frac{6}{100}$   
 $\rightarrow 0.06$

\$12

x .06

0.72

L41 Pset a-l

# 1, 2, 5, 7-10, 16-29

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