

## Lesson Summary

- One percent is the number  $\frac{1}{100}$  and is written 1%. The number  $P\%$  is the same as the number  $\frac{P}{100}$ .
- Usually, there are three ways to write a number: a percent, a fraction, and a decimal. The fraction and decimal forms of  $P\%$  are equivalent to  $\frac{P}{100}$ .

## Problem Set

1. Create a model to represent the following percents.

- a. 90%      b. 0.9%      c. 900%      d.  $\frac{9}{10}\%$

2. Benjamin believes that  $\frac{1}{2}\%$  is equivalent to 50%. Is he correct? Why or why not?

3. Order the following from least to greatest:

100%,  $\frac{1}{100}$ , 0.001%,  $\frac{1}{10}$ , 0.001, 1.1, 10, and  $\frac{10,000}{100}$

4. Fill in the chart by converting between fractions, decimals, and percents. Show work in the space below.

Fraction	Decimal	Percent
		100%
	0.0825	
	6.25	
		$\frac{1}{8}\%$
$\frac{2}{300}$		
		33.3%
$\frac{3}{4}$ $\frac{100}{100}$		
		250%
	0.005	
$\frac{150}{100}$		
	0.055	