

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	