



Vocabulary: Percents and Proportions



Vocabulary

- Percent – a ratio of a number to 100.
 - For example, 39% means 39 out of 100.
 - To express a ratio as a percent, use the proportion $\frac{\text{part}}{\text{whole}} = \frac{\text{percent}}{100}$.
 - For example, 4 out of 5 can be found as 80% because:

$$\frac{4}{5} = \frac{x}{100}$$

$$5x = 400$$

$$x = 80$$

- Proportion – an equation that shows two equivalent ratios.
 - For example, $\frac{1}{2} = \frac{4}{8}$ is a proportion as the two ratios are equal.

