"I Understand How Percents and Ratios are Related and Can Use Percents to Solve Real-World Problems."

Finding the Whole or Part in a Percent Proportion

A <u>percent</u> can always be used to compare a part to a whole. In a percent, the whole is always 100.

$$\frac{\%}{100} = \frac{part}{whole}$$

What's the Difference?

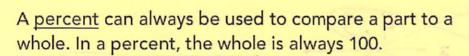
25% of 40 is what number?

9 is 36% of what number?

15 is what percent of 25?

1. 7 is 35% of what number?	3. 225% of 300 is what number?
2. 17 is what percent of 20?	4. 75 is 15% of what number?

Finding the Whole or Part in a Percent Proportion



$$\frac{\%}{100} = \frac{part}{whole}$$

$$\frac{\%}{100} = \frac{is}{of}$$

What's the Difference?

25% of 40 is what number?

9 is 36% of what number?

15 is what percent of

1. 7 is 35% of what number?

3. 225% of 300 is what number?

$$\frac{225}{100} = \frac{x_3}{300}$$

2. 17 is what percent of 20?

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$$\frac{\chi}{100} = \frac{17}{20}$$

$$\chi = 85$$

4. 75 is 15% of what number?