

Percent - is a comparison to 100

Whole - it's the starting point  
it's the original quantity  
it corresponds to the 100

Part - it's the outcome or result  
it corresponds to the percent

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$$\frac{\text{Part}}{\text{whole}} = \frac{\text{Percent}}{100}$$

Part is a Percent of the whole

= fraction or decimal \* \*

↑

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3.2 is 10% of what number?

$$\frac{\text{Part}}{\text{whole}} = \frac{\text{Percent}}{100}$$

OR by cross products

$$\left( \frac{3.2}{x} = \frac{10}{100} \right) \times 10$$

$$\frac{320}{10} = \frac{10x}{10}$$

$$x = 32$$

$$x = 32$$

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