

Try It

① What percent of 50 is 20?

$$\frac{20}{50} = \frac{x}{100}$$

$$50x = 2000$$

$$\frac{50x}{50} = \frac{2000}{50}$$

$$x = 40\%$$

② 30 is 75% of what number?

$$\frac{30}{x} = \frac{75}{100}$$

$$75x = 3000$$

$$x = 40$$

③ 40% of what number is 36?

$$\frac{36}{x} = \frac{40}{100} = 40x = 36(100)$$

$$\frac{40x}{40} = \frac{3600}{40}$$

$$x = 90$$

④ 14% of 81 is what number?

$$\frac{x}{81} = \frac{14}{100} = 100x = 81(14)$$

$$\frac{100x}{100} = \frac{1134}{100} \quad x = 11.34$$

⑤ what number is 35% of 22?

$$\frac{x}{22} = \frac{35}{100}$$

$$100x = (22)(35)$$

$$\frac{100x}{100} = \frac{770}{100}$$

$$x = 7.7$$