

Percentage Formula

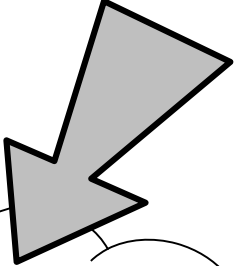
$$\text{Decimal Percent} \times \text{Total} = \text{Part}$$

Change the percentage to a decimal.

1. 16% 2. 40% 3. 8% 4. 150% 5. 1.2%

Practice:

1. What is 15% of 240?
2. What is 4% of 75?
3. 24 is what percent of 20?
4. 6 is what percent of 48?
5. 31 is 25% of what number?
6. 42 is 120% of what number?
7. Rachel Barker sold a truck to a customer for \$89,300. Ms. Barker received a 3% commission on the sale. How much did she receive?
8. Find the selling price of a calculator if the tax rate is 6.5% and you paid \$1.56 tax on the calculator?
9. If you earned \$12,500 last year and saved \$2,400. What percent of your total earnings did you save?
10. 18 students went on a field trip. This was 60% of the class. How many people are in the class?

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- Plug the numbers into the equation.
 - Show the steps to solve for the unknown.

$$\text{Simple Interest} = \text{Principal} (\text{Annual rate}) (\text{Years})$$

11. You deposited \$4000.00 in an account that earns 5% and you leave the money there for 4 years. How much interest did you earn on your money?
12. You earned \$2940.00 interest on money deposited for 10 years at 3.5% interest. How much money did you initially deposit?