

Use this proportion to solve percent problems.

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

Directions: For each Part, show proportion. Solve each proportion.

Part A:

Find the percent of each number, using a proportion.

10. 40% of 700

11. 25% of 4,800

12. 55% of 165

13. 50% of 492

14. 11% of 300

15. $12\frac{1}{2}\%$ of 72

Part B:

Find each answer.

1. 45% of what number is 135?

2. 33 is 75% of what number?

3. 15% of what number is 84?

4. 54 is 40% of what number?

5. 562 is 50% of what number?

6. 100 is 2% of what number?

Part C:

Find each percent.

1. What percent of 80 is 4?

2. What percent of 56 is 7?

3. What percent of 60 is 15?

4. What percent of 100 is 5?

5. What percent of 72 is 27?

6. What percent of 600 is 12?
