

Lesson 4 Skills Practice

The Percent Equation

Write an equation for each problem. Then solve. Round to the nearest tenth if necessary.

1. 25% of 176 is what number?

$$p = 0.25 \cdot 176; 44$$

2. What is 90% of 20?

$$p = 0.9 \cdot 20; 18$$

3. 24 is what percent of 30?

$$24 = n \cdot 30; 80\%$$

4. 80% of what number is 94?

$$94 = 0.8 \cdot w; 117.5$$

5. What is 60% of 45?

$$p = 0.6 \cdot 45; 27$$

6. 9 is what percent of 30?

$$9 = n \cdot 30; 30\%$$

7. What percent of 125 is 25?

$$25 = n \cdot 125; 20\%$$

8. What is 120% of 20?

$$p = 1.2 \cdot 20; 24$$

9. 2% of what number is 5?

$$5 = 0.02 \cdot w; 250$$

10. 15% of 290 is what number?

$$p = 0.15 \cdot 290; 43.5$$

11. 16 is what percent of 4,000?

$$16 = n \cdot 4,000; 0.4\%$$

12. What is 140% of 60?

$$p = 1.4 \cdot 60; 84$$

13. 344.8 is what percent of 862?

$$215 = n \cdot 860; 25\%$$

14. 6% of what number is 21?

$$21 = 0.06 \cdot w; 350$$

15. What number is 60% of 605?

$$p = 0.6 \cdot 605; 363$$

16. 32% of 250 is what number?

$$p = 0.32 \cdot 250; 80$$

17. Find 30% of 70.

$$p = 0.3 \cdot 70; 21$$

18. What is 80% of 65?

$$p = 0.8 \cdot 65; 52$$