Module 7   **Ratio, Proportion, and Percent**
Lesson 6   **Using Percent Equations**

1.   What is 70% of 50?

2.   What percent of 30 is 27?

3.   10% of what number is 10?

4.   What is 9% of 250?

5.   90% of what number is 180?

6.   What percent of 150 is 100?

7.   What is 315% of 80?

8.   1.5 is 75% of what number?

9.   75 is what percent of 200?

10.   210% of what number is 168?

11. What percent of 10 is 12?

12. What is 1,000% of 8?

13. Brad made a rubber-band ball with 270 rubber bands. He used 90% of the rubber bands he had to make his rubber-band ball. How many rubber bands did he have before he made the rubber band ball?

14. Before moving, it took Mr. Barnes an average of 40 minutes to drive to work. Now that he has moved, it takes him 30% of the time it used to take. How long does it take Mr. Barnes to drive to work now?

15. Hunter found 16 words in a search-a-word puzzle that had a total of 60 missing words. What percent of the words did Hunter find?

Module 7   Ratio, Proportion, and Percent
Lesson 6   Using Percent Equations

16.   Tammy's mom said that 80% of the mail she gets is "junk mail." If Tammy's mom is correct and she receives 35 pieces of mail in one week, how many pieces would be junk mail?

17.   Matt's height is 120% of what it was last year. If he is now 54 inches tall, how tall was he last year?

18.   An orange juice bottle holds 128 ounces of orange juice. Each serving contains eight ounces. In one week, Rhonda drank six servings of orange juice from that bottle. What percent of the orange juice did Rhonda drink?