

**Review**

Solve the following equations.

1.  $-17 = m - 6$

2.  $x - 5 = -5$

3.  $-\frac{7}{10} = x + \frac{3}{10}$

4.  $14.34 = g - 1.2$

5.  $25 + x = 31$

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

6. What number is 65% of 98?

7. Find 53% of 470.

8. 9 is what percent of 45?

9. 26 is what percent of 96?

10. 84 is 75% of what number?

11. 17 is 40% of what number?

12. Find 24% of 25.

13. What percent of 64 is 30?

14. 98 is what percent of 392?

15. 33% of what number is 1.45?

16. Find 13.5% of 520.

19. 14 is 2.8% of what number?

17. What number is 75.2% of 600?

20. Find 135% of 64.

18. What number is 4% of 82.1?

21. What percent of 200 is 230?

22. In the 2001 season, the Chicago Cubs won 88 out of 162 games. What percent of games did the Cubs win? Round to the nearest tenth if necessary.

23. In the Stoneridge apartment complex, 35% of the apartments have one bedroom. If there are 49 one-bedroom apartments, what is the total number of apartments at Stoneridge?

24. On Mars, an object weighs 38% as much as on earth. How much would a person who weighs 165 pounds on Earth weigh on Mars?

25. On Christmas day 2010, the Miami Heat played the Los Angeles Lakers. LeBron James took 14 shots and made 8 of them. What percent of his shots did he make? Round to the nearest tenth if necessary.