1. If the original quantity is 20 and the new quantity is 26, what is the percent increase?

2. At noon, a tank contained 5 in. of water. After several hours, it contained 4 in. of water. What is the percent decrease of water in the tank?

3. If the original quantity is 7 and the new quantity is 11, which is the best estimate for the percent of change?

   ○A. 25% decrease   ○B. 50% increase   ○C. 75% increase   ○D. 100% increase

4. A music store bought a CD set at a cost of $20. When the store sold the CD set, the percent markup was 40%. Find the selling price.

5. A $230 tuxedo is marked down by 10%. Find the selling price.

6. During a sale, a dress is marked down from a selling price of $60 to a sale price of $45. What is the percent markdown?

7. A treadmill with an original price of $770 is marked down 15%. What is the sale price of the treadmill?

8. During a sidewalk sale, shorts are marked down from a selling price of $12 to a sale price of $8.
   a. What is the markdown?

   b. What is the percent markdown?

9. Your savings account increases from $250 to $ 270. What is the percent increase of the savings account?

10. In the first week of July, a record 1,060 people when to the Taylorsville swimming pool. In the second week, 105 few people went to the pool than in the first week. In the third week, 135 more people went to the pool than in the second week. In the fourth week, 136 fewer people went to the pool than in the third week. What is the percent decrease in the number of people who went to the pool over these four weeks?

11. Elizabeth and a friend bought two tickets to see a play. Each ticket cost $8.25. The friends paid a total of $24.50, which included a fee per ticket for parking near the theater. How much did each friend pay for the parking fee?

12. Michael has $24 to buy a gift for his mom. He found a gift for $22. With 5% sales tax added on, will Michael have enough money to buy the gift for his mom?   How much is the gift?

13. Mrs. Lindsay wants to buy a new car. She finds an ad for a car that costs $27,200. Suppose that the local sales tax is 7%. How much tax would Mrs. Lindsay have to pay?

    a.   How much tax would Mrs. Lindsay have to pay?

    b.   What is the cost of the car including tax?

14. Cheryl's math teacher asks, "6 is 20% of what number? Cheryl incorrectly says, "120." What is the correct answer?

15. The football team has a total of 50 jerseys. There are 35 medium-sized jerseys. What percent of the jerseys are medium-sized jerseys?

16. A local little league has a total of 90 players, of whom 80% are right-handed. How many right-handed players are there?

17. Find the sales tax and the total cost.

    a.   Tax:

    b.   Total Cost:

Sales Tax		
Selling Price	Rate of Sales Tax	Sales Tax
$10.00	5%	?

18. A salesperson's commission rate is 5%. What is the commission from the sale of $41,000 worth of furnaces?

19. At a fancy restaurant a typical tip is 25% of the total bill.
    a.   If the bill is $225 what would the tip be?

    b.   What would the total bill be?