

Name _____

Date _____

Solving Multi-step Problems

1. Mr. Sketchers bought a new pair of shoes. The shoes cost \$120. The shoes are discounted 15%. The store charges 7% sales tax. How much is the:
 - a. Discount =
 - b. Sale Price =
 - c. Sales Tax =
 - d. Total =

2. Bernice King went out for lunch and her bill came to \$15.22. She wanted to leave a 15% tip. Determine the tip she should leave and the total bill.
 - a. Tip =
 - b. Total =

3. Mr. L. Top is interested in purchasing a new computer. The computer regularly cost \$495.45, but is discounted 33%. How much will Mr. L. Top save by buying the computer on sale? What will Mr. L. Top pay for the computer?

a. Discount =

b. Total =

4. It cost the Nike Factory \$26.47 to make a pair of Air Jordans. Footlocker sells them for \$128.98. What is the percent mark-up?

5. Mike went to the Apple store to buy the new IPAD. The IPAD cost \$699. The sales tax is 8.25%. What will the sales tax be? What will you pay for the IPAD?

a. Sales Tax =

b. Total =

6. Find the amount of simple interest earned

Principal = 250

Annual Rate = 4.5%

Time = 3 years

7. The Homework Club had 46 members in September. In April, the club had 24 members. What is the percent of change in the Homework club's membership from September to April? Was it an increase or decrease in membership?

Percent of Change = _____ Increase or Decrease? _____

8. The Basketball intermural club started off with 25 teams in October. When January came around they had a total of 40 teams. What is the percent of change in the amount of teams for the Basketball Intermural Club from October to January? Was it an increase or decrease?

Percent of Change = _____ Increase or Decrease? _____

9. Jan deposited \$529.00 and she earns 1.25% interest each year. How much money does she earn at the end of 24 months?
10. Students sold 500 wrist bracelets at \$10.00 each. They make 2.75% commission on their sales. What is their total commission?
11. You invited 50 people to your party. Only 32 people were able to attend. What is the percent of error?
12. You are estimating how many jellybeans are in a jar. Your estimate was 516 jellybeans. The actual count was 703. What is the percent of error?