Mathematician\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_date\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_per.\_\_\_\_\_\_\_\_\_\_\_\_\_\_

6.6 Practice AB

Find the cost to store or selling price.

1. Cost to store: $65 Markup: 25% 2. Cost to store:  Markup: 80%

Selling price:  Selling price: $122.40

3. The cost to a store for a box of cereal is $2.50. The store is selling the box of cereal for $3.50. What is the percent of markup?

4. A store pays $120 for a bicycle. a. The store has a 60% markup policy. What is the selling price of the bicycle?

b. The store is now going out of business and is selling all of the bicycles at a 30% discount. What is the sale price of the bicycle?

c. Will the store make money or lose money on the bicycle? How much?

5. The selling price of a skateboard is $147. The store has a 75% markup policy. What is the cost of the skateboard to the store?

6. You buy a watch for $60. a. There is a 6% sales tax. What is your total cost for the watch?

b. Your friend buys the same watch a month later. It is now sold at a discount of 15%. What is the new sale price?

c. What is your friend's total cost for the watch including tax?

d. What is the percent of change in the total cost?

**Find the original price, discount, sale price, selling price, markup, or cost to store. Round to the nearest penny, if necessary.**

7. Original price:  Discount: 5% 8. Cost to store:  Markup: 25%

Sale price: $68.40 Selling price: $437.50

9. You are buying shoes online. The selling price is $29.99. Round to the nearest penny, if necessary. a. The sales tax is 6.5%. What is the total cost?

b. The cost of shipping is 15% of the total cost. What is the total cost plus shipping?

c. If the total cost plus shipping is greater than $35, then you receive a 10% discount off the original selling price. Do you qualify? If so, what is the new total cost plus shipping?

10. You buy a bracelet for $15. You sell it at a craft show for $25. What is the   
percent of markup to the nearest percent?