3.6 Practice

Find the markup

1. Base Cost: $15
Selling Cost: $35

2. Base Cost: $50
Selling Cost: $225

3. Base Cost: $1,200
Selling Cost: $2,000

Find the selling Price

4. Base Cost: $50
Percent Markup: 34%

5. Base Cost: $20
Percent Markup: 80%

6. Base Cost: $289
Percent Markup: 164%

Find the markdown

7. Selling Price: $180
Sale Price: $117

8. Selling Price: $268
Sale Price: $53.60

9. Selling Price: $29.99
Sale Price: $24.49

Find the selling Price

10. Selling Price: $85
Percent Markdown: 20%

11. Selling Price: $489
Percent Markdown: 15%

12. Selling Price: $74
Percent Markdown: 10%

13. A department store buys 150 shirts at a cost of $3,000 and sells them for $25 each. Find the percent markup.

14. The selling price for a laptop computer is $650. It is marked down by 10%, but this sale price is still marked up from the cost of $450. Find the markup from cost to sale price.

15. The selling price of a couch at RC Willey is $800. After 6 months of not selling, it is marked down by 30%. After another 6 months of not selling, it is further marked down by 20%. Find the sale price after both markdowns.

16. Mountain Bike A: Selling Price: $300 but marked down 20% with an extra 20% off.
Mountain Bike B: Selling Price: $300 but marked down 40%.

a. What is the sale Price of Mountain Bike A:

b. What is the Sale Price of Mountain Bike B:

c. Which bike is a better buy even though the sale price is the same?

17. Brad and his brother bought two tickets online to see a Grizzlies hockey game. Each ticket cost $9. The brothers paid a total of $22.50, which included an online fee per ticket. How much did each friend pay for the online fee?

18. Mrs. Reid has $34 to buy herself some new jeans. She found some jeans for $32. With 5% sales tax added on, how much will the jeans cost?   Does Mrs. Reid have enough money?

19. Bryce wants to buy a new snowboard. He finds an ad for a snowboard that costs $670. Suppose the local tax is 6%.

a. How much tax would Bryce have to pay?

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

20. Mr. Farmer hoped to get 100 pumpkins from his garden this year. Since the weather was good, 20% more pumpkins grew than he expected. Unfortunately animals ate 30% of all the pumpkins that grew. How many pumpkins were left?

a. Is the final number of pumpkins more or less than he hoped?