

# Markup and Markdown

## Word Problems



**Answer each question.**

- 1** Xavier is buying a new pair of snowshoes. They are regularly \$85, but they are on sale for \$68. What percent is the markdown?
  
- 2** The souvenir shop at the Park City Zoo received a shipment of new T-shirts. Each shirt originally cost \$12 but will be sold for \$15 in the souvenir shop. What is the percent markup on the shirts?
  
- 3** Calendar Haven is having a mid-year sale. For the month of July, a calendar regularly priced at \$15 is on sale for \$9. What percent is the markdown?
  
- 4** A clothing store sells a variety of winter coats. The store pays \$50 for a certain parka and then marks it up to \$65. What percent is the markup?
  
- 5** Vincent found a new scooter for \$64, but he waited until it went on sale to buy it. If he bought the scooter for \$56, what was the percent markdown?

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- 6** Greg's Garden Shop sells oak tree saplings for \$24.90. Employees receive a discount of 30% off the regular price. How much would an employee pay for an oak tree sapling?
  
- 7** Tori buys wooden picture frames, paints them, and sells them. A frame and the necessary paint cost Tori \$4. To make a profit, she marks up the price of the frames by 40%. How much does she charge for the painted frames?
  
- 8** A party supply store buys balloons and fills them with helium. The total cost of the balloon and the helium is \$0.50. The balloons are then marked up by 80% and sold to customers. How much does the customer pay for a filled balloon?
  
- 9** At Tex's Taco Truck, beef tacos are \$3.60. Tex runs a deal every Tuesday, when all tacos are 15% off. What is the price of a beef taco on a Tuesday?
  
- 10** At the bakery Lola owns, the cost of baking and decorating a cake is \$17. Lola marks up cakes by 120% before selling them. How much does the bakery charge for a cake?