

Practice and Problem Solving

Exercises

Student Help

▶ MORE PRACTICE

Extra practice to help you master skills is on page 703.

Find the amount of markup or the amount of discount. Round your answer to the nearest hundredth.

8. \$85 radio; 10% discount 9. \$32 sweater; 55% off
 10. \$49.99 shoes; 33% off 11. \$16.00 radio; 165% markup
 12. \$12.50 T-shirt; 155% markup 13. \$.75 socks; 250% markup

Find the cost of the item after the markup or discount described. Round your answer to the nearest hundredth.

14. \$34.50 sweatshirt; 20% off 15. \$90 coat; 15% off
 16. \$6.99 toy; 125% markup 17. \$15 movie; 162.5% markup
 18. \$145 stereo; 170% markup 19. \$175.95 suit; 45% off
 20. \$175 chair; 75% off 21. \$.33 sandwich; 300% markup

RETAIL BUYER In Exercises 22 and 23, use the following information.

A buyer for a store buys a television at a wholesale price of \$377.56. The store then sells the television to its customers for \$589.

22. Find the amount of markup for the television.
 23. Find the percent of markup for the television.

In Exercises 24–29, use the following information. The receipt at the right shows your purchases during a recent sale.

24. Find the percent of discount for the shirt.
 25. Find the percent of discount for the jeans.
 26. Find the percent of discount for the sweater.
 27. Find the total sales cost of your purchases.
 28. Find the total savings.

SHIRT	20.00*
DISCOUNT	-5.00
JEANS	40.00*
DISCOUNT	-6.00
SWEATER	35.00*
DISCOUNT	-7.00
TOTAL SALE	
TOTAL SAVINGS	

29. **MATHEMATICAL REASONING** Describe the percent of discount using the total savings and the total regular cost. Is this percent of discount equal to the average of the percents of discount applied to the individual items? Explain your reasoning.
30. **IN-LINE SKATES** You buy a pair of in-line skates. The sign at the sporting goods store states that the price of the skates has been reduced 25%. The amount of discount is \$21.40. Find the regular price of the in-line skates.
31. **CHALLENGE** A furniture store bought a table for \$200. The store offered it for sale with a regular price based on a markup of 150%. Later the table went on sale for 50% off the regular price. Can you buy it now for \$200? Justify your answer.

Link to Careers



RETAIL BUYER When choosing merchandise to sell in a store, a retail buyer considers what customers want to buy, how much they will pay, and how much of a profit the store will make.



More about retail buyers available at www.mcdougallittell.com