

Percents in the Real World #1-19

- 1) A new soccer ball costs \$26.25 after 5% sales tax. What was the original price of the ball?
- 2) Original price: \$130
Discount: 45%
Sale price: ?
- 3) Original price: ?
Discount: 5%
Sale price: \$68.40
- 4) Cost to store: \$1600
Markup: 33%
Selling price: ?
- 5) As a car salesman John makes 5% commission on all of his sales. If he sells a minivan for \$29,500, how much money does John make?
- 6) Cost to store: ?
Markup: 25%
Selling price: \$437.50
- 7) You are buying shoes online. The selling price is \$29.99. The sales tax is 6.5%. What is the total cost?
- 8) Dominic bought a new alarm clock that was on sale for \$18.75. If this price represents a 30% discount from the original price, what is the original price to the nearest cent?
- 9) Jaylynn was buying new mascara. She bought it on sale for \$5.56. If the price represents a 20% discount from the original price, what is the original price to the nearest cent?
- 10) A trampoline costs \$220 and the sales tax is 6.25%. What is the total cost of the trampoline?
- 11) Mary and Roberto bought identical backpacks at different stores. Mary's backpack originally cost \$65 and was discounted 25%. Roberto's backpack originally cost \$75 and was on sale for 30% off. Which backpack was the better buy?
- 12) A pair of in-line skates is on sale for \$90. If this price represents a 9% discount from the original price, what is the original price to the nearest cent?
- 13) A tennis racket at Sport city costs \$180 and is discounted 15%. The same model racket costs \$200 at Tennis World and is on sale for 20% off. Which store is offering the better sale?

- 14) A store is having a sale in which all items are discounted 20%. Including tax, Colin paid \$21 for a picture. If the sales tax rate is 5%, what was the original price of the picture?
- 15) A chair that costs \$210 was reduced by 40% for a one-day sale. After the sale, the sale price was increased by 40%. What is the price of the chair now?
- 16) Carmen paid \$10.50 for a T-shirt at the mall. It was on sale for 30% off. What was the original price before the discount?
- 17) Rondell's parents borrow \$6,300 from the bank for a new car. The interest rate is 6% per year. How much interest will they pay if they take 2 years to repay the loan?
- 18) A pair of new sneakers is priced \$79.99. What is the total price of the sneakers if you have a 15% off coupon, and there is 7% tax?
- 19) A restaurant bill comes to \$42.75. Suppose the sales tax is 6% and a 15% tip is left on the amount after tax is added. How much in all does the customer pay?