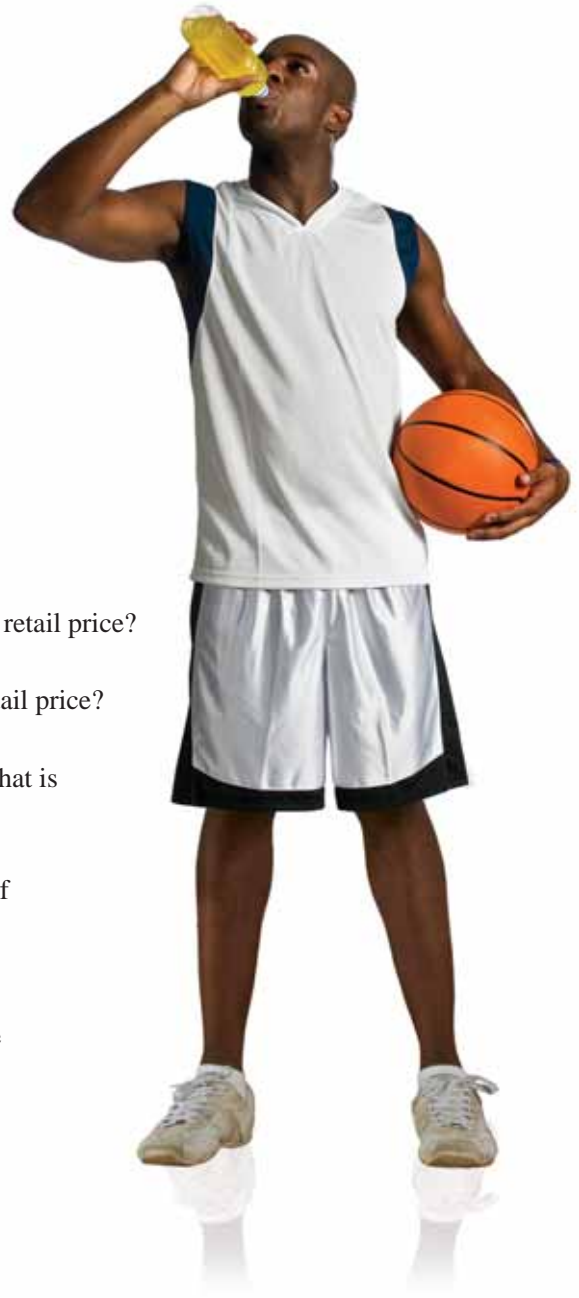
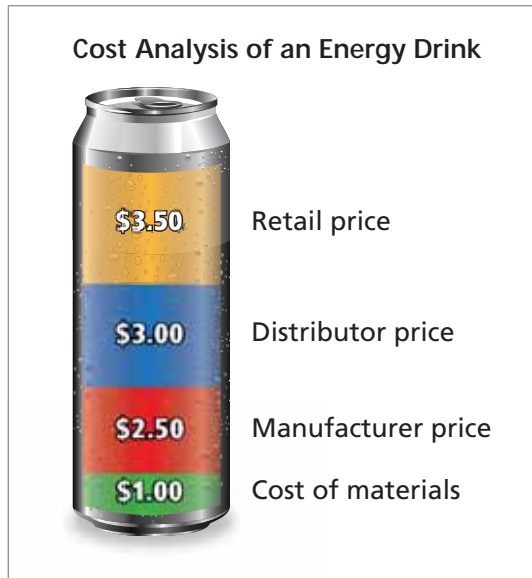


► Extending Concepts

Energy Drink In Exercises 17–20, use the display.



17. What is the markup percent from the manufacturer price to the retail price?
18. What is the markup percent from the distributor price to the retail price?
19. You buy one energy drink. You have a coupon for \$0.75 off. What is the discount percent?
20. Suppose the store marks up the energy drink to \$3.25 instead of \$3.50. What is the markup percent from the distributor price to the retail price?
21. **Clearance** A store advertises that it is having a “30% off” sale on all items, with an additional 20% off clearance items. The additional 20% is taken off after the 30% discount is applied. You are buying a spice rack that is on clearance. The regular price of the spice rack is \$30.
 - a. What is the total discount?
 - b. What is the total discount percent?
 - c. Why do you think the store advertises its sale using two discount percents instead of one? Explain.
22. **Customer Service** You work at a store that is having a “50% off” sale. A customer has a coupon for 50% off any item and thinks that a \$40 sweater should be free with the coupon. How would you explain why the sweater is not 100% off? Explain your reasoning.