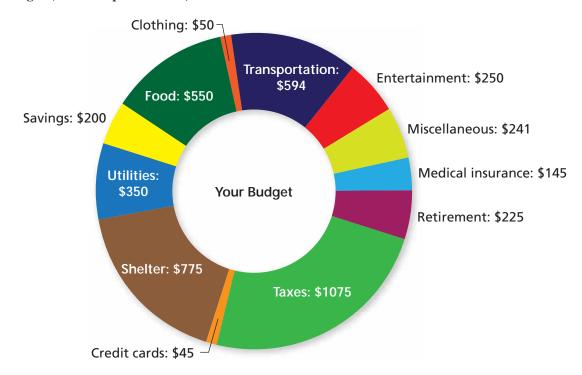
92 Chapter 2 The Mathematics of Consumption



Where Does My Money Go? In Exercises 15–22, use the doughnut graph of your monthly budget. (See Examples 5 and 6.)



- **15.** Your entire monthly income is represented in the doughnut graph. Find your gross annual income.
- 16. What percent of your expenses are budgeted for food?
- **17.** What percent of your expenses are budgeted for entertainment?
- **18.** What percent of your expenses could you eliminate if needed?
- **19.** You are interested in buying a house. Your realtor determines that the monthly mortgage (including property taxes and insurance) would be \$1350.00. Of the \$594 budgeted for transportation expenses, \$384 is your car payment. According to the 28/36 rules, do you qualify for the home mortgage?
- **20.** According to the 28/36 rules, how much do you think you will be able to spend on a monthly mortgage payment 10 years from now? Explain your reasoning.
- **21.** You go to a financial adviser to get advice about household budgets. The financial adviser gives you the general percent guidelines shown. How does your budget compare with the guidelines?
- **22.** Describe other ways you could analyze your budget.

