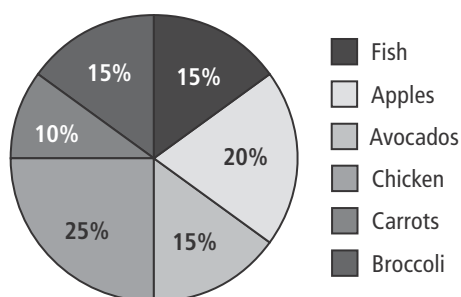




# 11-1 Additional Practice

## Statistical Questions and Variables

1. Are the questions below statistical questions? Explain.
  - a. What is the tallest mountain in the world?
  - b. What is the most popular television program among teenagers?
  - c. What is the most popular men's sport: football, basketball, tennis, golf, hockey, or lacrosse?
2. What type of statistical variable is represented by the graph shown? Explain.



3. A professor teaches four different science classes. He wants to try out a new style of exam, so during finals, he gives the new exam to 15 randomly selected students in each class. The other students take the regular exam.
  - a. What is the sample in this situation?
  - b. What is the population?
4. Is the given data summary a parameter or a statistic?
  - a. At a local company, management surveys every tenth employee and finds that 24% of the surveyed employees buy their lunch in the cafeteria.
  - b. Of the 1,500 people on a cruise ship, 25% are under 18.