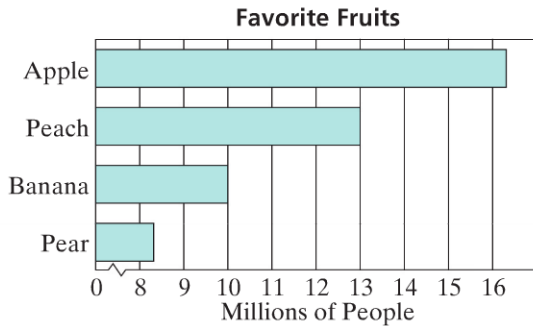# Extra Practice

Skills

● **Lesson 9-1**   Find the mean, median, mode, and range of each data set. Where necessary, round to the nearest hundredth.

1. goals per game: 1 1 1 2 2 2 4 4

2. golf scores: −2 −3 2 5 0 3 7

● **Lessons 9-2 and 9-3**

3. Make a frequency table, histogram, and line plot for the data set.
Hours spent waiting: 1.8 1.7 1.4 1.2 1.7 1.7 1.5 1.9 1.6 1.5 1.3 1.4

4. Draw a Venn diagram for the situation: 10 blue shapes, 5 circles, 2 blue circles.

● **Lesson 9-4**   Use the graph below for Exercises 6–7.

Favorite Fruits

Millions of People

5. Which fruit appears to have about half the popularity of a banana?

6. Explain why the graph gives a misleading visual impression of the data.

● **Lessons 9-5 and 9-6**   Use the stem-and-leaf plot for Exercises 7–8.

7. Find the mode and median of the data set.

8. Make a box-and-whisker plot for the data set.

Average Speed
5 │ 8 9 9 9
6 │ 0 0 0 2 2 5 6 7 8 8 9
7 │ 0 0 0 1 1 1 1 2 2 3 5
Key: 5 │ 8 means 58 mi/h

● **Lesson 9-7**   In each scatter plot, describe the type of trend.

9.

10.

11.