

LESSON

6-4 Bar Graphs

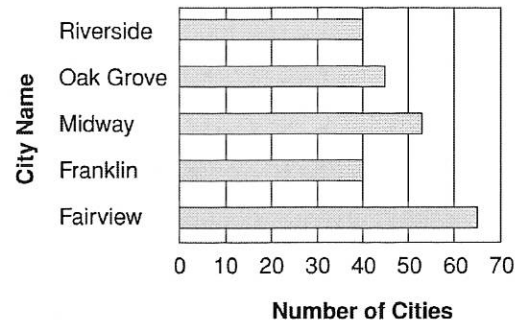
Use the bar graph to answer each question.

1. What is the most common city name in the United States?

2. Which two names on the graph are used for the same number of cities?

3. Which name is used for 52 different cities in the United States?

Most Common City Names in the U.S.



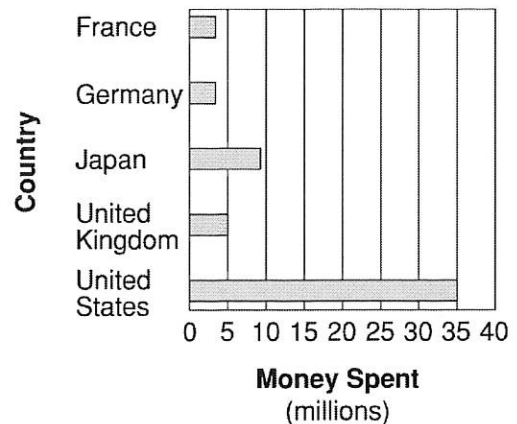
Use the bar graph to answer each question

4. In which country did people spend the most money on toys in 2000?

5. In which two countries did people spend the same amount of money on toys in 2000? How much did they each spend?

6. In which country did people spend \$9 million on toys in 2000?

Top Toy-Buying Countries, 2000



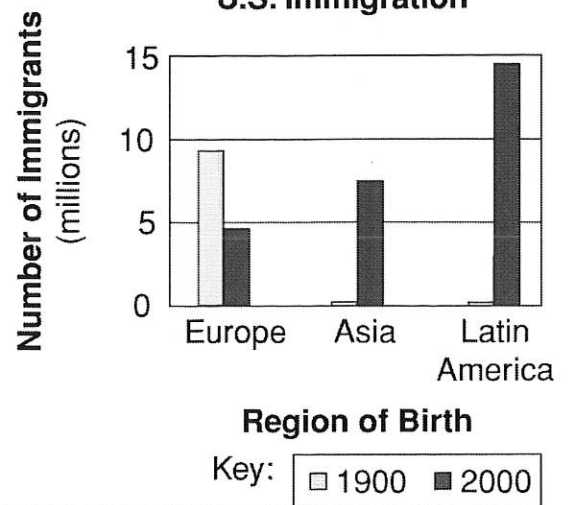
Use the bar graph to answer each question.

7. How did the number of Asian immigrants coming to the United States compare for 1900 and 2000?

8. From which region did most people immigrate in 1900?

9. From which region did most people immigrate in 2000?

U.S. Immigration



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Problem Solving

Bar Graphs

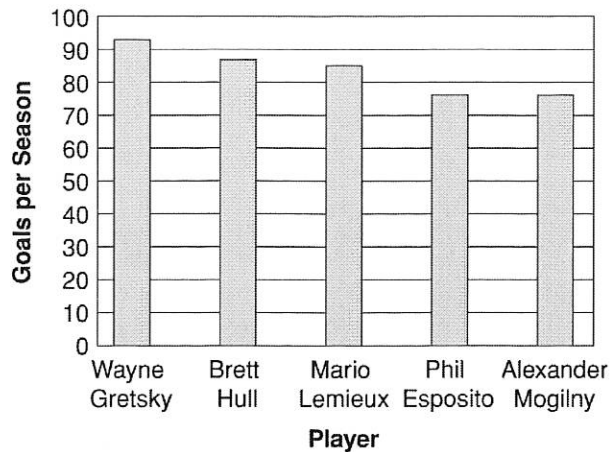
Use the bar graph for Exercises 1–4.

1. What is the range of the goals the hockey players scored per season?

2. What is the mode of the goals scored?

3. What is the mean number of goals the players scored?

Top NHL Goal Scorers



Use the bar graph for Exercises 5–8.

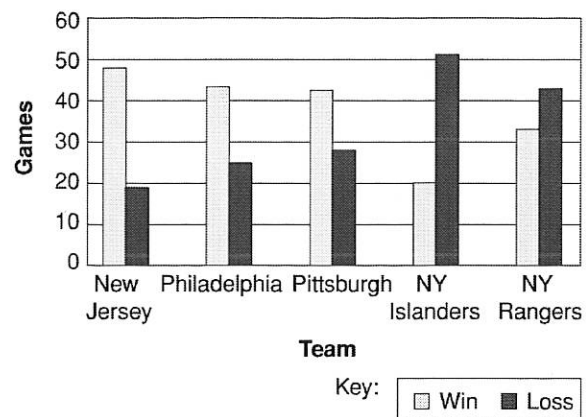
4. Which team won the most games that season? _____

5. Which team lost the most games that season? _____

6. What was the mean number of games won? _____

7. What was the mean number of games lost? _____

NHL Eastern Conference Final Standings, 2000–2001



Circle the letter of the correct answer.

8. Which hockey team had the greatest difference between the number of games won and lost?

- A New Jersey
- B New York Islanders
- C Philadelphia
- D Pittsburgh

9. How do you know the mode of a data set by looking at a bar graph?

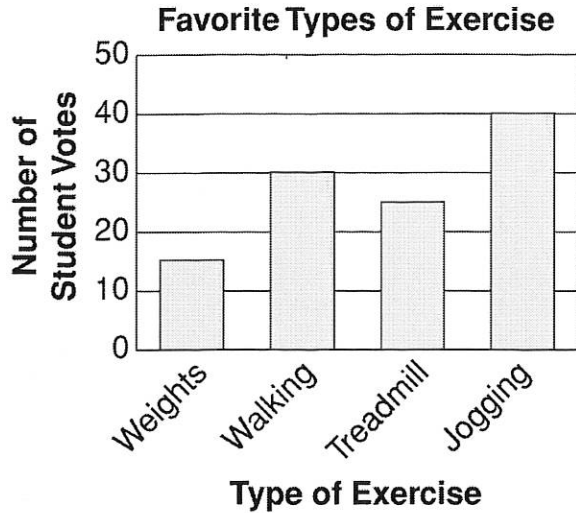
- F The mode depends on the type of data displayed in the bar graph.
- G The mode is the first bar.
- H The mode has the lowest bar.
- J The bar for the mode is in the middle of the graph.

LESSON
6-4

Reading Strategies

Compare and Contrast

A **bar graph** shows data and makes it possible to compare facts about that data. A group of sixth-grade students voted on their favorite kind of exercise. The graph shows the data that was collected from the votes.



Answer the following questions about the bar graph.

1. What does the graph show? _____
2. What does the scale of the graph count by? _____
3. How can you tell from the graph which exercise had the most votes?

4. Compare votes for walking and votes for jogging. Which one got the most votes? _____
5. Compare votes for the treadmill and votes for weights. Which one had the most votes? _____
6. Which exercise had the least amount of votes on the graph? _____
7. How can you tell from looking at the graph which exercise had the fewest votes?

8. How do the bars on the graph help you compare data?
