Recognize Statistical Questions

A statistical question is one in which the data varies (there can be a variety of answers).

Identify the statistical question. Explain your reasoning.

1. A. How many touchdowns did the quarterback throw during the last game of the season?
   B. How many touchdowns did the quarterback throw each game of the season?

2. A. What was the score in the first frame of a bowling game?
   B. What are the scores in 10 frames of a bowling game?

3. A. How many hours of television did you watch each day this week?
   B. How many hours of television did you watch on Saturday?

Write a statistical question you could ask in the situation.

4. A teacher recorded the test scores of her students.
   - What was the girls’ score?
   - What was the boys’ score?

5. A car salesman knows how many of each model of a car was sold in a month.
   - What car model sold more?
   - What car model sold less?

Problem Solving

6. The city tracked the amount of waste that was recycled from 2000 to 2007. Write a statistical question about the situation.
   - What neighborhood recycled the most?
   - What month was highest recycling time?
   - What year was least recycled?

7. The daily low temperature is recorded for a week. Write a statistical question about the situation.
   - What was the highest daily low?
   - Lowest daily low?