

# Statistical Questions

For 1 through 4, tell whether or not each question is statistical.

1. What was the low temperature each day last month?

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2. What color shirt am I wearing?

\_\_\_\_\_

3. What size shoes do the students in your class wear?

\_\_\_\_\_

4. How long does it take students in a class to read a book?

\_\_\_\_\_

For 5 through 8, write a statistical question that could be used to gather data on each topic.

5. Distances members of the track team jogged last week

\_\_\_\_\_

6. Numbers of letters in name of street you live on

\_\_\_\_\_

7. Cost of a restaurant dinner

\_\_\_\_\_

8. Numbers of cars of different colors in a parking lot

\_\_\_\_\_

9. The data shown are the responses to the question, *How tall, in centimeters, is each bean plant?* Make a dot plot to display the data.

8	6	7	5	8	6	8	7	9	4
5	2	8	6	9	5	7	6	7	7

10. What statistical question might Brittany have asked to get this data?

18 min, 20 min, 30 min, 16 min, 45 min

- A** How long did you spend on homework last night?
- B** How long do the directions say to cook the pie?
- C** At what time does school end?
- D** How many minutes does it take Eric to get to school?

11. **Writing to Explain** Wyatt says that statistical questions must involve numbers in the question. Do you agree with Wyatt? Explain.

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