Name _____

Practice
19-6

Box Plots

In **1** and **2** find the median, the first quartile, and third quartile.

1. In a bowling tournament, Sylvan got the following scores.

167, 178, 193, 196, 199, 199, 203, 209, 217, 220, 221

a. The median: _____

b. The first quartile: _____

c. The third quartile: _____

2. Sarina raised flowers. In a competition with other flower growers, she earned the following scores.

7, 10, 10, 6, 7, 8, 8, 7, 9

a. The median: _____

b. The first quartile: _____

c. The third quartile: _____

3. Make a box plot to display the distribution of sales Solon's restaurant made over 9 days:

$1,074, $1,209, $1,315, $1,360, $1,391, $1,442, $1,482, $1,569, $1,601

4. Which describes how to find the first quartile in a data set?

A Find the median of the data set.

B Find the median of the upper half of the data.

C Find the median of the lower half of the data.

D Count 3 spaces to the right from the minimum.

5. **Writing to Explain** David wants to make a box plot showing his team's points for the year. The median score was 7, first quartile was 4, and third quartile was 10. The minimum was 2 and the maximum was 20. Explain how David can draw the box plot.

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