

10.5

Choosing Appropriate Measures

NAME _____

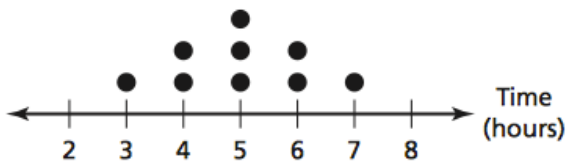
Date _____ Period _____

Choose the most appropriate measures to describe the center and the variation. Find the measures you chose.

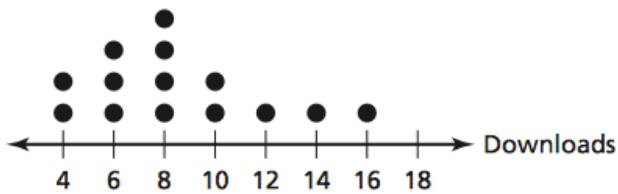
1. Prices of Shirts



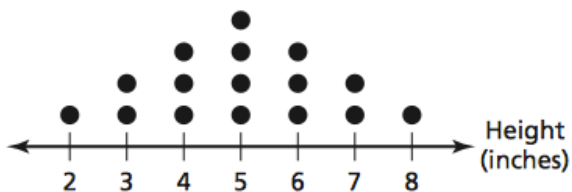
2. Weekly Triathlon Training Times



3. Number of Game Downloads



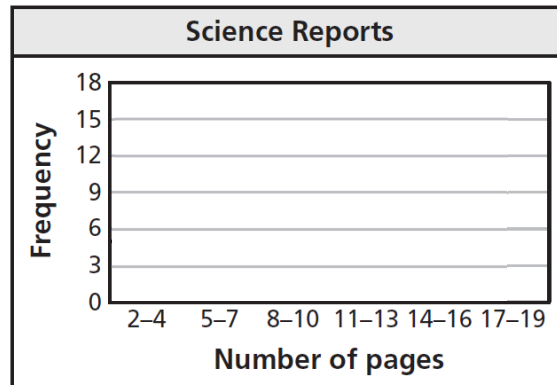
4. Plant Heights



5. The frequency table shows the number of pages of the science reports written by each student in the sixth-grade class.

Number of pages	Frequency
2–4	5
5–7	16
8–10	12
11–13	7
14–16	4
17–19	0

- a. Display the data in a histogram.



- b. What are the most appropriate measures to describe the center and the variation?

5. The numbers of times you woke up in the middle of the night over the past week are 3, 0, 2, 1, 3, 4, and 1. Make a box-and-whisker plot for the data.



- b. What are the most appropriate measures to describe the center and the variation?