Name: _____

PRACTICE TUTORIAL

Practice & Problem Solving

Scan for Multimedia

In 5–8, use the data table.

Number of Home Runs Hit by Players on My Team									
Player Number	1	2	3	4	5	6	7	8	9
Home Runs	21	9	12	20	7	11	9	10	9

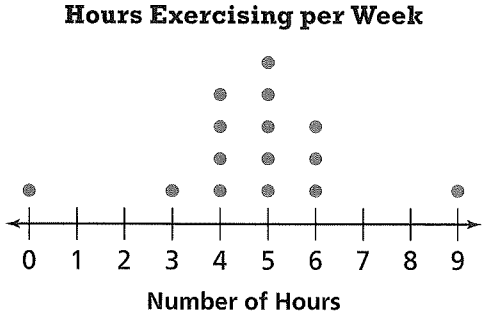
5. What are the mean and the median?

6. Draw a box plot of the data.

7. Describe the overall shape of the data.

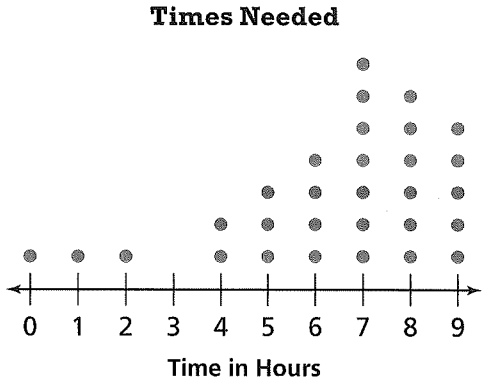
8. Make a generalization about the data distribution.

9. **Be Precise** A doctor asked 15 people how many hours they spend exercising each week. The dot plot displays the data.



What do any clusters and gaps in the dot plot tell you about the exercise habits of these people?

10. **Look for Relationships** Describe the pattern in the dot plot. Then write about a situation that this data could represent. Explain why your situation has this pattern.



In 11 and 12, use the data in the table.

Adult	1	2	3	4	5
Salary	$35,000	$46,000	$38,000	$34,000	$52,000
Adult	6	7	8	9	10
Salary	$99,000	$64,000	$435,000	$22,000	$88,000

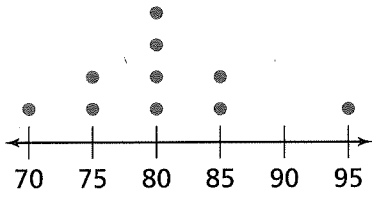
11. **Model with Math** Make a box plot for the data. What are the median, first quartile, third quartile, and interquartile range?

12. **Higher Order Thinking** Which data value most affects your choice of a measure of center to describe the data? Explain.

In 13–15, use the data in the dot plot.

13. Describe the shape of the data.

Spanish Quiz Scores



14. Describe the typical quiz scores of the students. Explain your choice of measure.

15. Describe the variability of the quiz scores.

Assessment Practice

16. Which statement about this data distribution is **NOT** true?

Ⓐ The interquartile range is 4.

Ⓑ The median is the preferable measure of center.

Ⓒ The data cluster from 2 to 7.

Ⓓ The distribution is symmetrical.

Number of Miles Students Ran in a Week