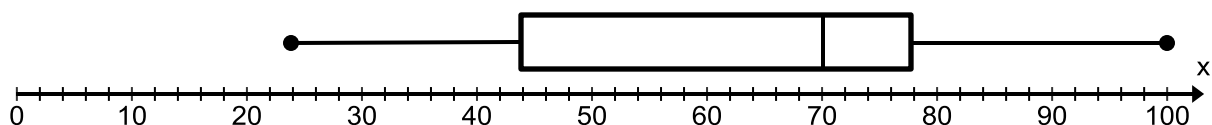


6th Grade Unit 7 Study Guide

Name: _____

Block _____

Date _____



1. What is the median of the data?

CC.6.SP.3&4&5

A. 42

B. 60

C. 70

D. 79

2. What is the range of the data?

CC.6.SP.3&4&5

A. 22

B. 76

C. 79

D. 100

3. What is the interquartile range?

CC.6.SP.3&4&5

A. 37

B. 44

C. 70

D. 79

A shop records the number of running shoes sold each month.

4. What is the mean number of shoes sold?

CC.6.SP.3&4&5

A. 75

B. 83

C. 85

D. 92

5. What is the mode?

CC.6.SP.3

A. 75

B. 83

C. 85

D. 92

6. What is the median?

CC.6.SP.3&4&5

A. 75

B. 83

C. 85

D. 92

7. How many pairs of shoes were sold in the 5 months?

CC.6.SP.3

A. 405

B. 415

C. 425

D. 435

Running Shoe Sales	
Month	Number
January	75
February	68
March	75
April	92
May	105

8. Which of the following is not a statistical question?

CC.6.SP.1

A. How many years old do you have to be to vote?

B. How many students in the school like country music?

C. How many songs do you have downloaded on your i-pod?

D. How many people attended the Friday night football game?

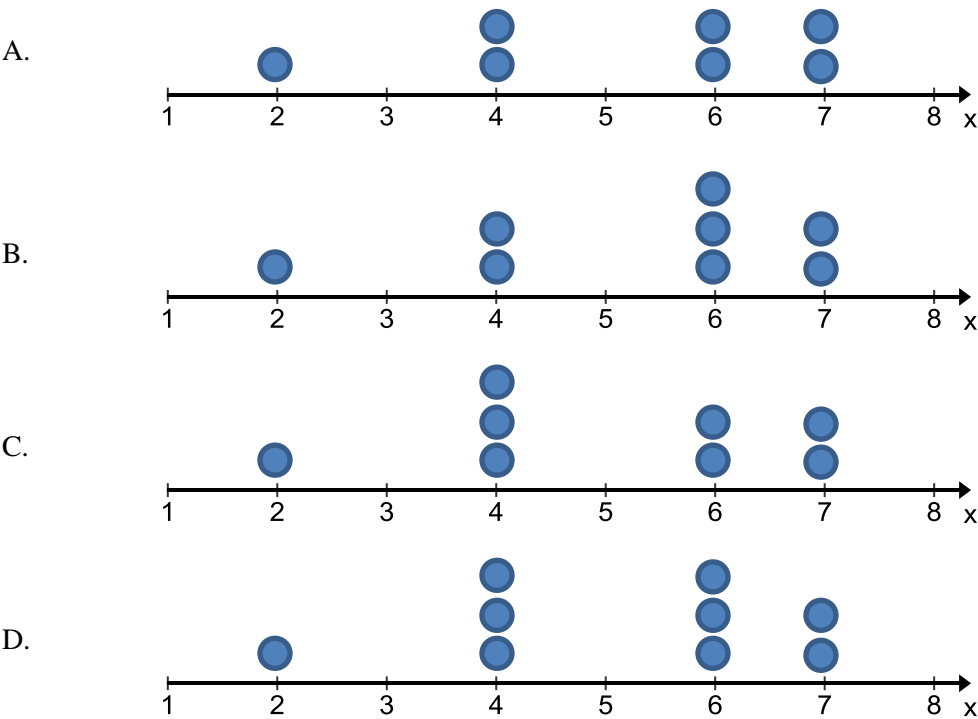
Use the table to answer questions 9 - 12

How many Miles Did They Ride in March?

10th	12th	16th	17th	18th	21st	23rd	24th
6	7	6	4	4	2	4	7

9. Which of the following dot plots displays the data in the table above?

CC.6.SP.4



10. What is the mode of the bike-riding data?

CC.6.SP.3&4&5

- A. 4 B. 5 C. 6 D. 7

11. What is the mean of the bike-riding data?

CC.6.SP.3&4&5

- A. 4 B. 5 C. 6 D. 7

12. Find the mean absolute deviation of the bike-riding data.

CC.6.SP.3&4&5

- A. 1.25 B. 1.5 C. 2.25 D. 2.5