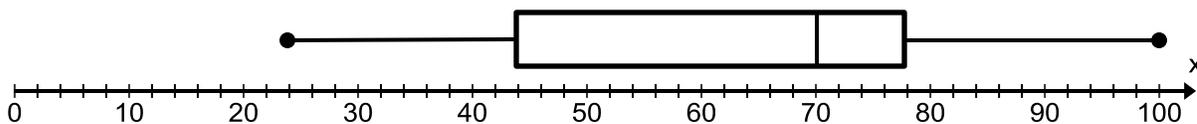


6th Grade Unit 7 Study Guide

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?

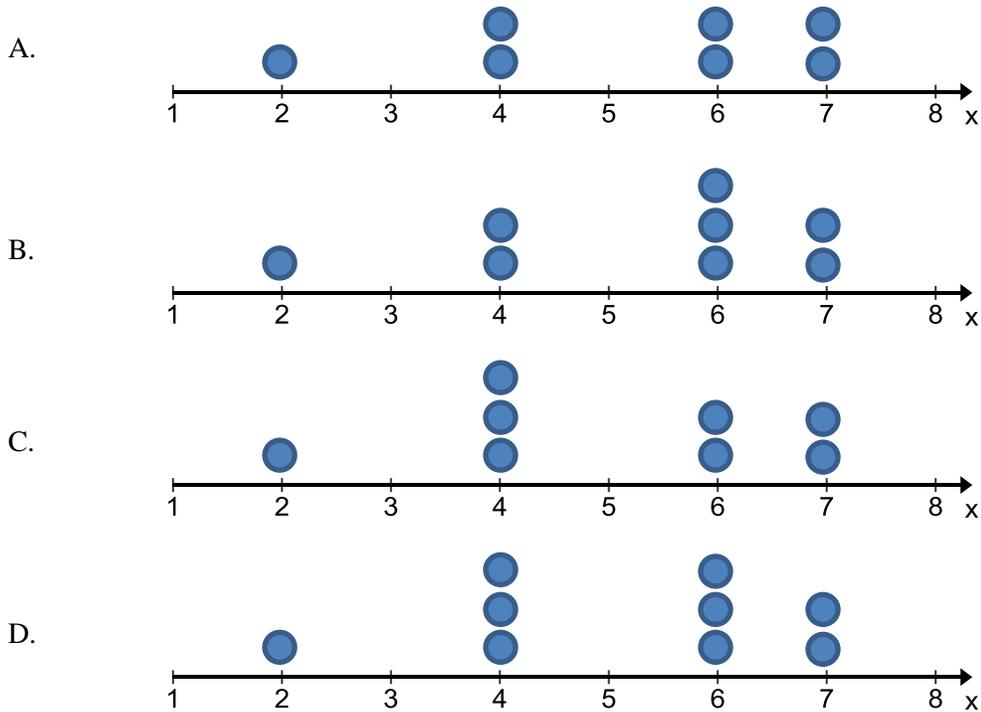
Use the table to answer questions 9 - 12

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