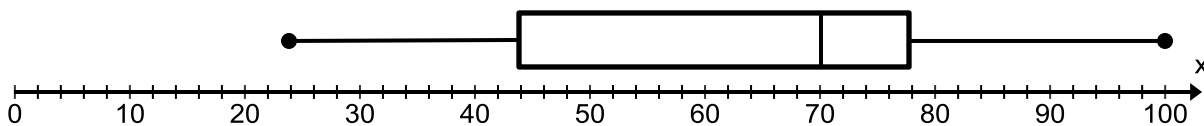


## 6<sup>th</sup> Grade Unit 7 Study Guide

Name: \_\_\_\_\_

Block \_\_\_\_\_

Date \_\_\_\_\_



1. What is the median of the data?
2. What is the range of the data?
3. What is the interquartile range?
4. What percent are higher than 42?
5. What is the lowest number recorded?
6. What is the highest number recorded?

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

7. What is the mean number of shoes sold?
8. What is the mode?
9. What is the median?
10. How many pairs of shoes were sold in the 5 months?

<b>Running Shoe Sales</b>	
<b>Month</b>	<b>Number</b>
January	75
February	68
March	75
April	92
May	105

### Are the following statistical questions?

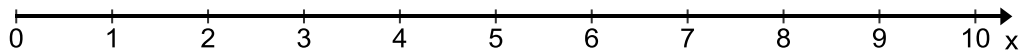
11. *Yes or No* How many years old do you have to be to vote?
12. *Yes or No* How many students in the school like country music?
13. *Yes or No* How many songs do you have downloaded on your i-pod?
14. *Yes or No* How many musicians are in Taylor Swift's band?
15. *Yes or No* How many students have been to a concert?
16. *Yes or No* What is the best age to learn to ride a bike?

Use the table to answer questions 17-21

How many Miles Did They Ride in March?

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

17. Make a dot plot that represents the data in the table above.

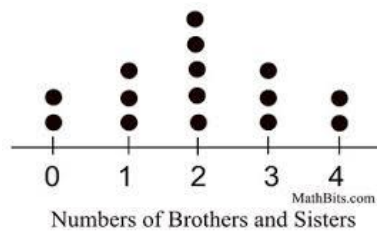


18. What is the mode of the bike-riding data?

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

20. What is the median of the bike-riding data?

21. What is the range of the bike-riding data?



22. How many people were surveyed here?