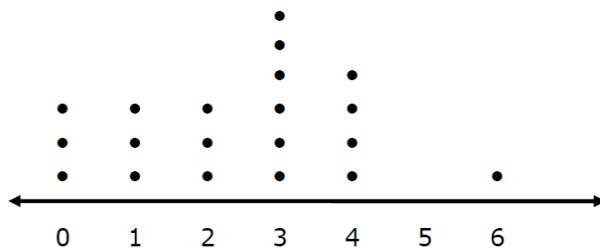


Name: _____

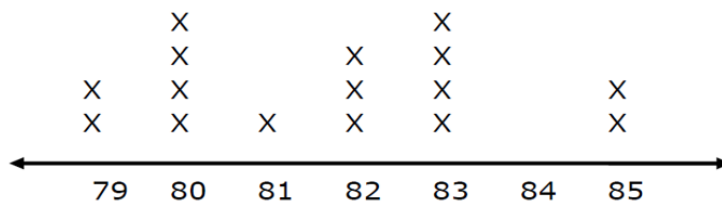
Period: _____

1. The students in one Social Studies class were asked how many brothers and sisters (siblings) they each have. The dot plot here shows the results:



- How many of the students have 6 siblings? _____
- How many of the students have no siblings? _____
- How many of the students have three or more siblings? _____

2. The resting pulse rates were recorded for 16 boys in gym class before they exercised. The dot plot here shows the results:



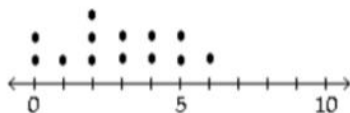
- What is the range of the pulse rates? _____
- How many boys had a pulse rate over 81? _____
- How many boys had a pulse rate of 83? _____
- How many boys had a pulse rate of at most 82? _____

3. A manufacturer records the number of errors each workstation makes during the week. The data are as follows:

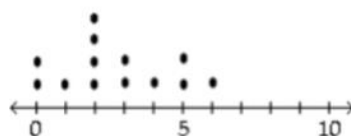
{6, 3, 2, 3, 4, 5, 2, 0, 2, 5, 4, 0, 1}

Which of the following is an accurate dot plot of the data collected?

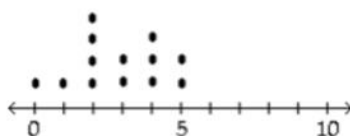
A)



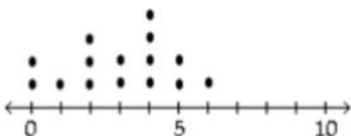
B)



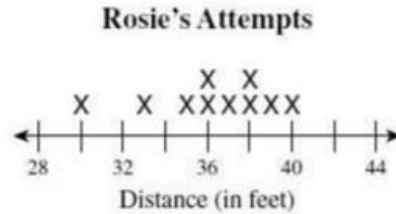
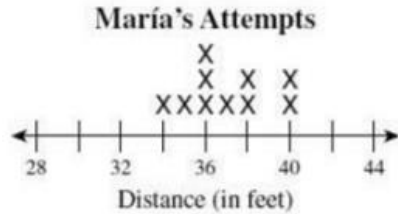
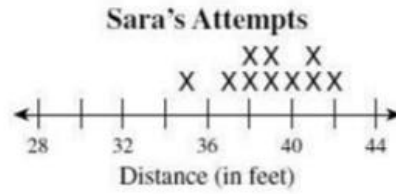
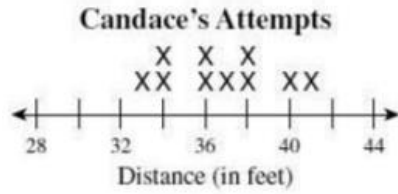
C)



D)



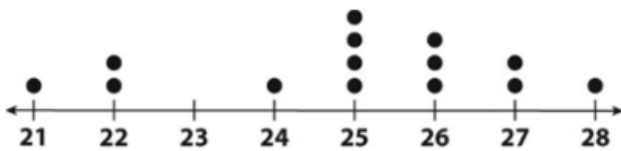
4. Four girls on a high school track and field team practice the shot put. Each girl made 10 attempts, and the distances measured after each attempt are shown on the plots below.



- Which girl's range of distance was the greatest? _____
- What was Maria's mode? _____
- Which girl did not have a median of 36.5? _____

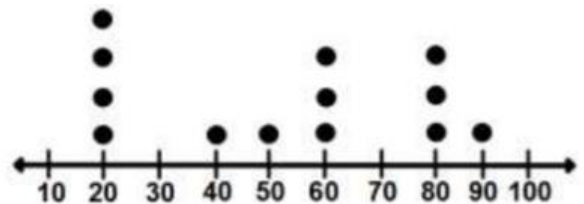
5. Find the following values for the dot plot below:

Range: _____ Median: _____ Mode: _____

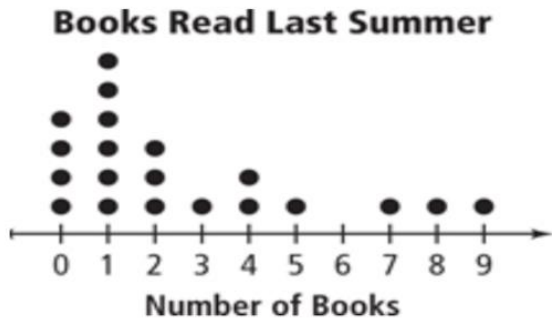


6. The dot plot represents the student scores on a math test:

- How many students took the test? _____
- What is the median score? _____
- How many students scored at least a 60 on the test? _____



7. How many kids read 3, 4, and 5 books based on the dot plot below? _____



8.

a) Do more people like yellow or green? _____

b) What is the difference? _____

