

1. A student surveys mathematics teachers to get their opinion on teaching. What is the sample?

- A. All teachers with in the school
- B. All mathematics teachers in the school

2. All samples lead to a good prediction about an entire population.?

- A. True
- B. false

3. The manager of a book store surveys people who buy horror novels to see if the store should expand its hours. What is the population??

- a. People who visit the bookstore
- b. People who buy horror novels.
- c. People who don't buy horror novels.
- d. People who will buy comics.

4. . All of the teachers in a school are surveyed on their meeting time preferences. Population or Sample?

- a. Population
- b. Sample
- c. likely
- d. certain

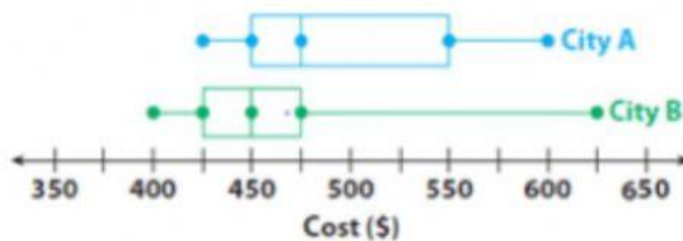
5. What is the median of the data?



- a. 10
- b. 14
- c. 12
- d. 20

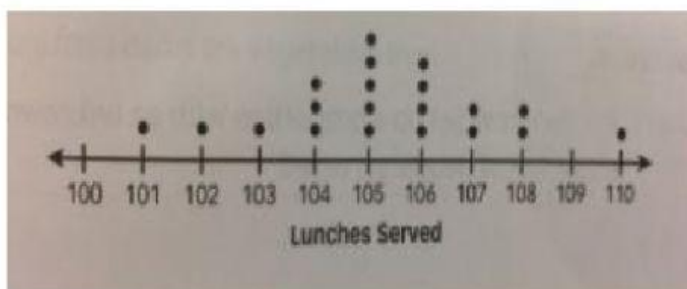
6. Which city has a lower IQR?

The box plots show the comparison of costs of buying cars in two different cities.



- a. City A
- b. City B

7. What is the median of the data?



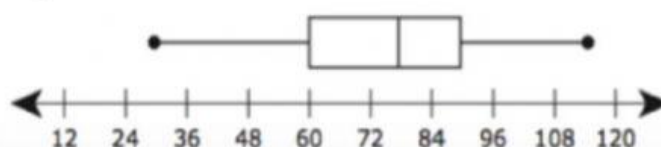
- a. 105
- b. 110
- c. 10
- d. 206

8. The education board is analyzing the amount of time students spend on homework each night. They take a random sample of 10 students from each school. Which measure of center should the education board use to analyze the data?

Number of Hours Spent on Homework										
School X	0	2	2	1	1	4	3	3	4	3
School Y	1	4	6	3	3	0	2	2	6	3

- a. Median
- b. Mode

9. Grade 7 students recorded the amount of minutes they spend watching TV. Using the box plot shown above, what is the first quartile?



- a. 60
- b. 70.

10. Identify the cluster of the data.

A. 6 – 9

B. 5 – 4

