

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

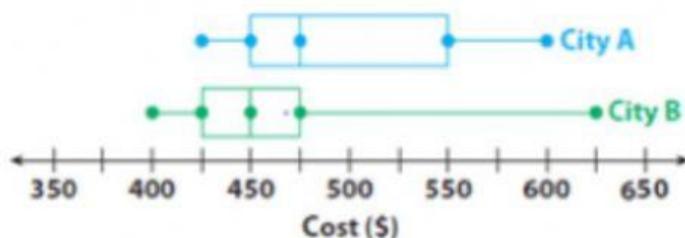
5. What is the median of the data?



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

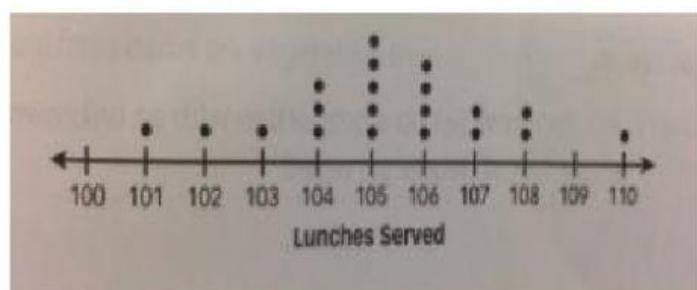
6. Which city has a lower IQR?

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?



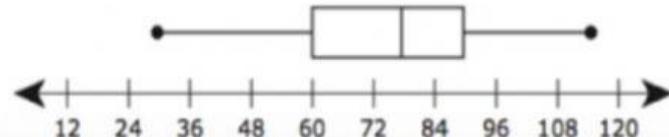
- a. 105
- c. 10
- b. 110
- d. 206

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

Points Scored

B. 5 – 4

