

Unit 6 Test Study Guide

The following golf scores were recorded: 80, 65, 72, 78, 70

1. What is the mean?
2. What is the median?
3. What is the mode?
4. What is the range?
5. What measure of central tendency would be the best for the data set?
6. What are the measures of central tendency? (Definition)
7. What are the measures of variation? (Definition)

Seven people were asked their shoe size while shopping.

There answers were: 6, 6.5, 7, 8, 7, 10, 7.5

8. What is the five number summary of this data?
9. What is the Range
10. What is the IQR?
11. What does IQR tell us?
12. Create a box plot for the data.

Joe measured the amount of rain we received each month for five months in inches.

12, 10, 3, 2, 7

13. What is the mean?
14. What is the median?
15. What is the mode?
16. What is the IQR?

Unit 6 Test Study Guide

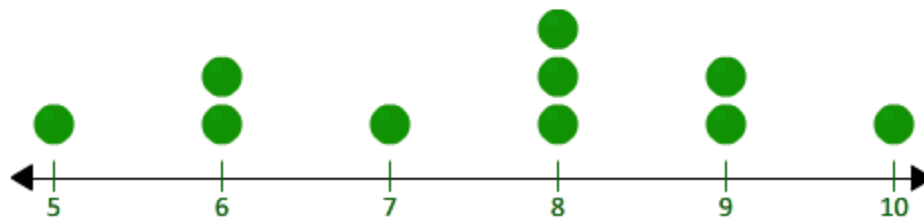
17. Write the definition of a statistical question.

18. Write the definition of a non-statistical question.

Tell whether the following questions are statistical questions or not.

19. How tall are the students in my class?

20. How many marbles are in the jar?

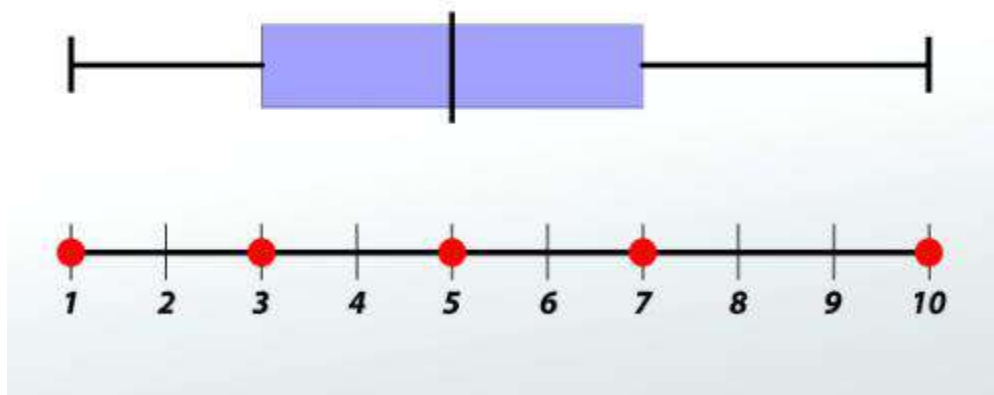


Students were asked how much they studied each week. Use the dot plot to answer the next 3 questions.

21. Find the median?

22. What is the mode?

23. What is the range?

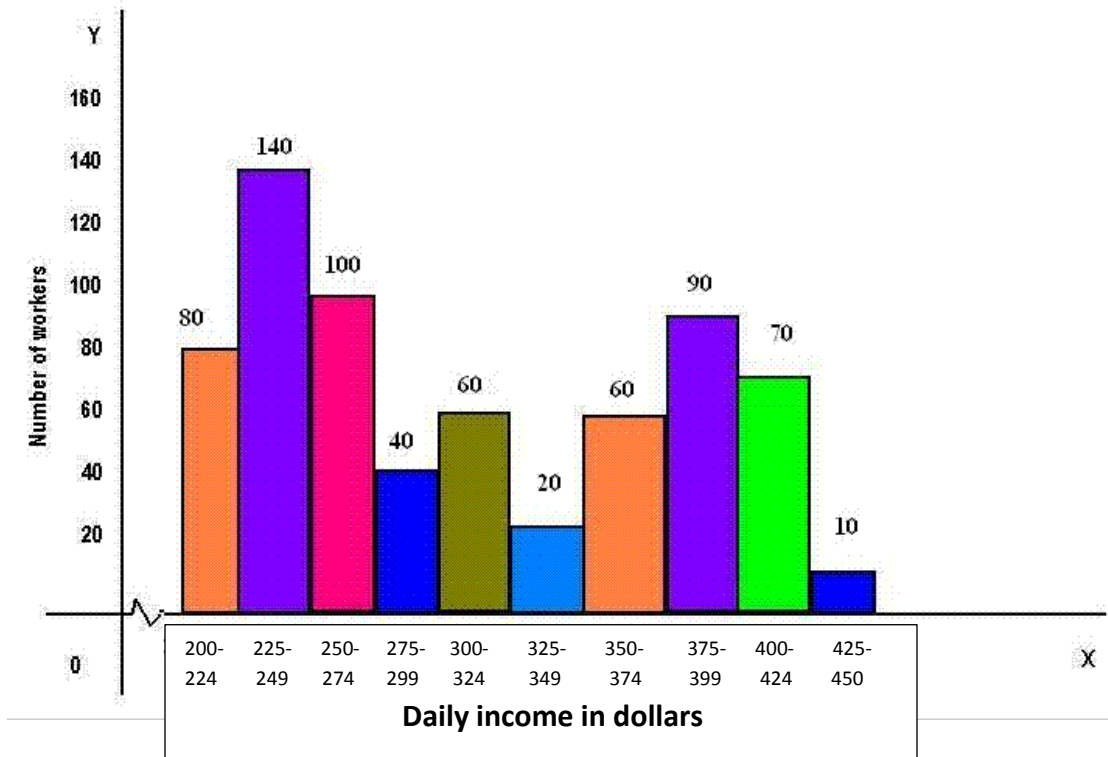


The box & whisker plot above shows data about the number of pets students have. Use this to answer the next 6 questions?

24. What was the least number of pets?

Unit 6 Test Study Guide

25. What was the largest number of pets?
26. What was the range of the data?
27. What is the upper quartile?
28. What is the lower quartile?
29. What is the median?



Use the above histogram to answer the following questions.

30. How many people earned at least \$350?
31. How many people earned \$274 or less?
32. How many people were surveyed?
33. Which interval has the most number of workers?
34. Which interval had the least number of workers?