

Name: \_\_\_\_\_ Period: \_\_\_\_\_ Date: \_\_\_\_\_

## Box-and-Whisker Plots Assignment

Solve problems involving box-and-whisker plots.

1. Find the 3rd quartile for the following data: 10, 12, 13, 10, and 8

Solution:

2. Find the 1st quartile for the following data: 6, 2, 3, 5, 9, and 10

Solution:

3. Find the 2nd quartile for the following data: 11, 12, 13, 13, and 8

Solution:

4. Given the set of data from 5 to 30, the first quartile is 10, the median is 17 and the third is 25. Draw a Box and Whisker Plot.

Solution:

The following data are the scores of 9 students in an English quiz; 10, 12, 11, 9, 8, 5, 13, 15 and 7.

5. Find the median

6. Find the 1st quartile.

7. Find the 3rd quartile.

8. What is the difference between the 1st and 2nd quartile?

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## **Box-and-Whisker Plots** Assignment

9. What is the difference between the 2nd and 3rd quartile?

10. What is the difference between the lowest score and the 1st quartile?

11. What is the difference between the 3rd quartile and the highest score?

12. Draw a box and whisker plot.

13. What do you observe about the data?

The following are the number of customer visited Cafe X for a week. 21, 23, 25, 30, 32, 33 and 27

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## **Box-and-Whisker Plots** Assignment

14. Find the median

15. Find the 1st quartile.

16. Find the 3rd quartile.

17. What is the difference between the 1st and 2nd quartile?

18. What is the difference between the 2nd and 3rd quartile?

19. Draw a box and whisker plot.

20. What do you observe about the data?