Homework

Marilyn baby-sits on the weekends to earn some extra money. Below are the amounts of money she has earned babysitting for the past six months.

9, 12, 45, 33, 9, 15, 24, 9, 12, 18, 33, 21, 15, 12, 12, 24, 21

1. What is the mean of the data? (Round to the nearest hundredth)

2. What is the median of the data?

3. What is the mode of the data?

4. What is the range of the data?

5. What is the first quartile of the data?

6. What is the third quartile of the data?
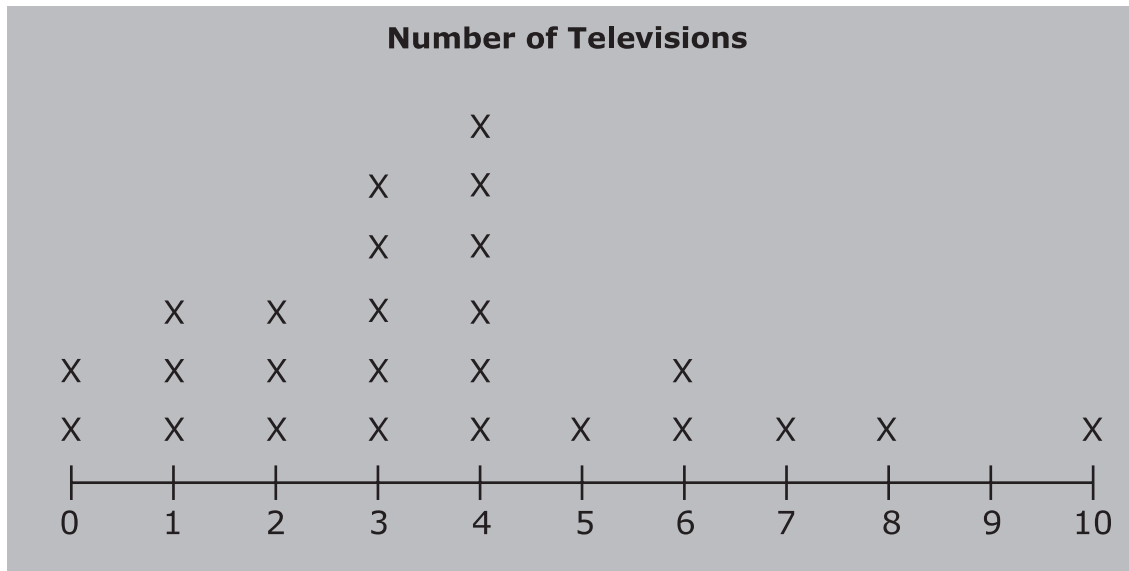
7. What is the interquartile range of the data?

Homework

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Directions: Use the following line plot for Questions 8–10.

Kara surveyed 25 people in her neighborhood to find out the number of televisions they had in their home. The results are shown below.

Number of Televisions

```
                              X
                      X       X
                      X       X
              X   X   X   X
      X   X   X   X   X               X
      X   X   X   X   X   X   X   X   X               X
      +---+---+---+---+---+---+---+---+---+---+
      0   1   2   3   4   5   6   7   8   9   10
```

8. What is the median number of televisions in the homes surveyed?

9. What is the mean number of televisions in the homes?

10. An advertisement said the average house hold has at least 3 televisions. Do Kara's data support this statement? Explain your thinking.