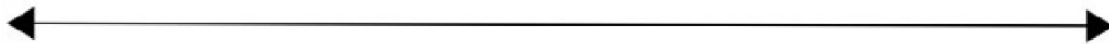*Use the following data set to answer questions 1-2.*
15, 17, 22, 25, 31

1. Find the mean. _____

2. If the number 10 was added to the set, how would the mean change?

Use the following data set to answer questions 4-8.
50, 52, 56, 57, 61, 68, 70, 71, 72

3. Find the median. _____

4. Find the lower quartile. _____

5. Find the upper quartile. _____

6. Create a box plot.

7. What is the interquartile range? _____

8. If the number 80 was added to the set, how would that affect the median?

Use the following data set to answer questions 9-10.
22, 24, 24, 26, 27, 28, 28, 29, 30, 30, 30, 31, 35, 35, 36

9. Create a dot plot.

10. What is the range of the data?