

12.1 Central Tendency

CA #2

Math 7

Name: _____

The yearly salaries given to a company's employees are given below. Each value is measured in thousands of dollars.

58, 60, 315, 80, 75

Calculate the following values. A calculator may be used but show the work that leads to your answer.

1. Mean

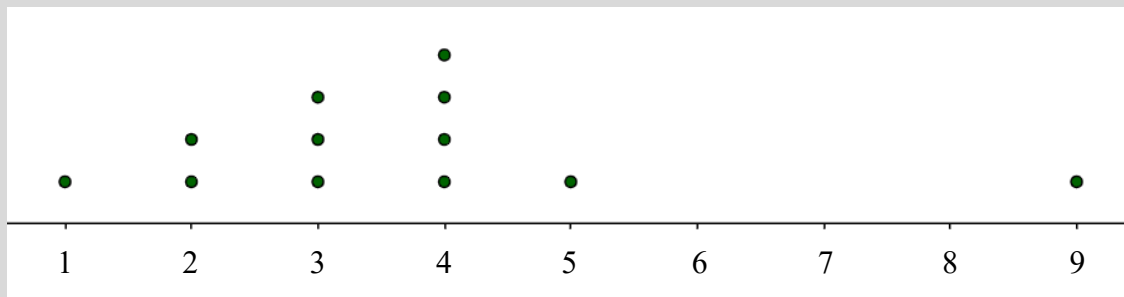
2. Median

3. Mode

4. Range

5. Are there outliers? If yes, what number(s)?

The number of field goals a football team scores during their 12-game season is given in the following dot plot.



Calculate the following values. A calculator may be used but show the work that leads to your answer.

6. Mean

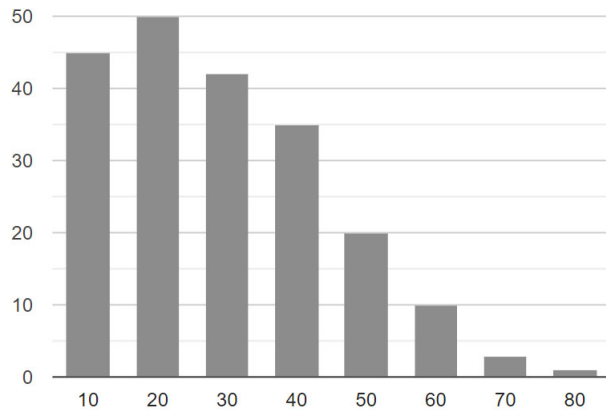
7. Median

8. Mode

9. Range

10. Are there outliers? If yes, what number(s)?

11. List the mean and median in order from least to greatest for the following data set. You do not need to list the actual values.



12. If a data set has a skewed left distribution, is the mean or median larger?

Answers to 12.1 CA #2

1. 117.6	2. 75	3. none	4. 257	5. Yes. \$315,000	6. 3.667
7. 3.5	8. 4	9. 8	10. Yes. 10 field goals.	11. median < mean	12. median