

Unit 8: Data Sets and Distributions

CONCEPT

Name: _____ Date: _____

Show your work and write your final answer on the line. Use the given data for each problem.

1. Find the mean of this data set: 4, 6, 8, 10, 12.

Answer: _____

2. Find the median of this data set: 3, 7, 9, 11, 15.

Answer: _____

3. Find the mode of this data set: 2, 5, 5, 7, 8, 5, 9.

Answer: _____

4. Find the range of this data set: 4, 9, 12, 6, 15.

Answer: _____

5. Find the median of this data set: 2, 4, 6, 8.

Answer: _____

6. A dot plot shows these values: 10, 10, 12, 14, 14.
How many data points are there in all?

Answer: _____

7. Find the mean of this data set: 5, 5, 5, 5, 5.

Answer: _____

8. Find the range of this data set: 20, 14, 8, 11, 17.

Answer: _____

9. Find the median of this data set: 1, 3, 5, 7, 9, 11.

Answer: _____

10. A histogram has bars with these counts: 3, 5, 2, 6.
What is the total number of data values?

Answer: _____

11. Find the mean of this data set: 2, 4, 9.

Answer: _____

12. Find the mode of this data set: 6, 8, 8, 3, 6, 8, 1.

Answer: _____