

A.P. Statistics
Assignment 1.6

Remember to show your thinking through your work.

1. Find the mean and median of the following set of numbers:

13, 13, 15, 18, 18, 19, 22, 23, 24, 24, 24, 26

2. Consider the following data set:

3, 4, 6, 7, 9, 9, 11

- a. Find the mean and median.

- b. Identify a number you could add to the set to keep the mean equal to the median.

- c. Identify a number you could add to the set to make the mean larger than the median.

- d. Identify a number you could add to the set to make the mean smaller than the median.

3. Create a set of five positive numbers (repeats allowed) that have a median of 10 and a mean of 14. What thought process did you use to create your numbers?

4. The mean price of a home in Spokane is much larger than the median price. Explain why this might be.