**7.SP Measures of Central Tendency- Mean Median Mode Range**

These are Jack’s test scores for 5 math tests: 83, 79, 92, 95, 83. Use this data to help Jack look at his scores. Write “*mean*,” “*median*,” “*mode*,” or “*range*” to answer questions 1-4. (Hint: Use each word once.)

1. The data value 83 occurs more than any of the other values. Which measure of central tendency is 83?
2. Jack added his test scores and divided by 5 to find which measure of central tendency?
3. Jack found that the difference between his highest and lowest score was 16 points. What is this measure of central tendency called?
4. Jack found that the middle value is 83. What is that measure of central tendency called?
5. The table below shows the leading shot blockers in the WNBA during the 2001 season.

Calculate the mean of the data. Identify and remove the outlier from the set of data. What is the difference between the mean with the outlier and the mean without the outlier?

Mean with outlier: \_\_\_\_\_\_\_\_\_\_

Mean *without* outlier: \_\_\_\_\_\_\_\_\_\_

**Difference** between the mean with the outlier and the mean *without* the outlier: \_\_\_\_\_\_\_\_\_\_

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Mean *without* outlier: \_\_\_\_\_\_\_\_\_\_

**Difference** between the mean with the outlier and the mean *without* the outlier: \_\_\_\_\_\_\_\_\_\_