5. A survey was taken at SRMHS to determine what type of shoe was the most popular among each grade level. Ms. Willis wanted to use the information to determine what type of shoes she wanted to buy for her bothers based on popularity. Which measure would be most useful to help her determine what type of shoe to buy?

Mean Median Mode Interquartile Range

6. Mrs. McMunn is looking for a new house in the Raleigh area. However, she is trying to figure out how much a typical 3-bedroom house costs in that area. If Mrs. McMunn collected the data, what measure would be most useful to help her determine how much she will be most likely paying for a house in that area?

Mean Median Mode Interquartile Range

HOMEWORK

1. Given the following data set 12, 40, 48, 42, 43, 46, 39, 45, 45 find the outlier.

    a. What would happen to the mean and standard deviation if we removed the outlier from the data set?

2. Given the following Math Test scores 61, 42, 33, 76, 84, 77, 75, 55, 90, 80, 74, 70, 68, 66, 70, and a 72. Markel was absent the day of the test and ended up making a 105. What happened to the first mean, standard deviation, and the 5-number summary once the teacher added Markel's test score?

3. The U. S. Bureau of the Census is trying to represent the age of men and women when they have their first marriage. After receiving the data, what will the U. S. Bureau of the Census use to describe the age of men and women during their first marriage?

    Mean Median Mode Interquartile Range

4. An amusement park ride for four people can only hold up to 900 pounds. Rick is trying to find the best measure to represent the data to see if his group of friends can ride the ride, which should he use?

    Mean Median Mode Interquartile Range