

Name _____

Date _____

HR _____

Subject _____

Analyzing Measures of Center

You are the captain of a bowling team. The league tournament begins next Saturday, and your team needs a substitute bowler. Three of your friends are available to substitute. Malik, Tariq, and Maurice have bowled many times before.

Their scores in their last six games are:

Malik 134 165 125 113 165 136

Tariq 165 125 152 145 115 145

Maurice 125 168 115 143 125 177

Step 1: Complete the table below. First put the data in order from least to greatest. Then find the mean, median, mode and range.

Player's Name	Re-Order the scores	Mean	Median	Mode	Range
Malik					
Tariq					
Maurice					

Which player has the highest mode? _____

Which player has the highest median? _____

Which player has the highest mean? _____

Now that you have different statistics about your friends, decide which friend you will choose to substitute for your team and explain why you made that decision. Which statistic did you use to make your final decision? Why did you think that was the best statistic to use?

Use the space below to answer the questions. Make sure that you answer each question completely.