

Notes on MMR

Calculating the mean--

- 1) add up all of the scores(values)
- 2) divide by the total number of scores (values)

Calculating the median--

- 1) Arrange the scores (values) from highest to lowest
- 2) Find the center score (values)
 - 1) If there are an odd number of scores, the median is the center score
 - 2) If there are an even number of scores, the median is the average (mean) of the two middle scores

Shortcut: Count the number of scores.

- If it is an even number, find the middle two scores when looking at the scores arranged from least to greatest (count divided by 2; and count divided by 2, plus one). Take an average of those two scores.
- If it is an odd number, find the middle score when looking at the scores arranged from least to greatest $[(\text{count divided by } 2) + 0.5]$. Take an average of those two scores.

Calculating the mode-- the most common score

Calculating the range--highest score minus the lowest score

(Note: sometimes the range is given by telling the lowest and highest values. Ex. heights ranged from 47 to 73 inches)