**Measures of Central Tendencies**

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| **Measures** | **Definition** | **How to Find/Compute** | **Appropriate Usage** |
| **MEAN** | \*an average | ***add*** all numbers; then ***divide*** by the  number of numbers | \*grades, sporting averages, scores,  speeds, etc |
| **MEDIAN** | \*the middle | \*order numbers from least to  greatest; then locate the ***middle***  number | \*use when there are outliers |
| **MODE** | \*the number that occurs  most often | \*order numbers from least to  greatest; then locate the number(s)  that occur in the list ***most often*** | \*determining how well an item is  selling determining items/sizes that  need to be purchased, predicting the  most likely occurrence, typical age  of attendees, etc  \*use when data is scattered  (not centered) |
| **RANGE** | \*the difference between the  highest and lowest number | \*order numbers from least to  greatest; ***subtract*** to find the  ***difference*** between the highest  and lowest number | \*determining the most change in  temperature, scores, biggest drop in  data,“variation” |

**REMINDERS:**

**- always have students list numbers in order from least to greatest**

**- always have students underline the measure they have been asked to find**

**- median=middle**

**- MOde=Most Often**