**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 thenumber 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 intemperature, 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**