

Measures of Central Tendency

- Mean - the sum of all the numbers divided the amount of numbers
- Median - the number in the middle when all the numbers are placed in numerical order
- Mode - the number that appears the most

Range - the difference between the high and the low

Example: Find the mean, median, mode, and range of the data displayed in the table below.

Test Scores	Frequency
95	3
85	4
75	2
65	1

Show all work in this area.

95, 95, 95, 85, 85, 85, 85, 75, 75, 65

$$\text{mean} \rightarrow \frac{840}{10} = 84\%$$

$$\text{median} \rightarrow 85 \quad \text{b/c } \frac{85+85}{2} = 85 \text{ (middle \#s)}$$

$$\text{mode} \rightarrow 85 \quad \text{b/c most frequent}$$

$$\text{range} \rightarrow 95 - 65 = \underline{\underline{30}}$$