Mean, Median, Mode & Range

Mean
The average value

How to find the Mean:
1. Add up all the numbers.
2. Divide the sum by the number of values.

E.g. The mean of 3,2,10,5 is

$$\frac{3+2+10+5}{4} = \frac{20}{4} = 5$$

Median
The middle number

How to find the Median:
1. Put the numbers from smallest to largest.
2. The number in the middle is the median. If there are two middle numbers, add them and divide by two.

Mode
The most frequent number

Special Cases:
- No Mode if all the numbers occur the same amount of times.
- More than one Mode if more than one number is the most frequent.

Range
Difference between highest and lowest numbers

How to find the Range:
1. Put the numbers from smallest to largest.
2. Subtract the lowest value from the largest.