

# Mean

The **mean** is the **average value** in a group of numbers:  
also called the **norm**.

Add all of the values  
together to find the total

$$4+5+5+6+8+8 = 36$$

There are 6 values

Divide the total by the  
number of values

$$36 \div 6 = 6$$

The mean is

6

# Median

The **median** is the **middle value** in a group of numbers

Place all of the values in order.

2,4,4,5,6,7,9

There are 7 values

The median is the middle value.

2,4,4,**5**,6,7,9

The median is

**5**

If there are two middle values, find the mean of those two.

# Mode

The **mode** is the most **frequent value** in a group of numbers

Count how many there are of each value

3, 4, 4, 5, 5, 7, 8, 9

The mode is the number that appears most often: you can have more than one!

The modes are **4** and **5**



# Range

The **range** is the **difference** **between** the **lowest** and **highest** values in a group of numbers

Find the lowest and highest values

**3**, 3, 4, 5, 6, 7, 10, **12**

Subtract the lowest value from the highest value

$$12 - 3 = 9$$

The range is

**9**