**Key Ideas:**

* The **mean** is the average
	+ $Mean = \left(sum of all the values\right)÷ \left(total number of values\right)$
* The **mode** is the most common
	+ There can be more than one.

**Example 1**

Calculate the mean for the data set: 1, 6, 7, 2, 4

$$Mean = (sum of all the values) ÷ (total number of values)$$

$$Mean=\frac{1+6+7+2+4}{5}=\frac{20}{5}=4$$

**Example 2**

It is the value that occurs most frequently. We also say that it is the value with the highest frequency. There can be more than one.

Identify the mode for the data set: 1, 2, 2, 2, 4, 7, 9, 9

$$Mode=2$$