

Averages & Range



Average (mode, median and mean)

To find the **AVERAGE** of a set of numbers we can use either the **mode**, **median** or **mean**.

MOde The **MO**st common number in a set of numbers

e.g. the mode of 3, 6, 3, 9, 3 is 3

meDian The **miDDle** number of a set of numbers after being ordered from lowest to highest

e.g. the median of 1, 5 and 9 is 5

e.g. the median of 5, 2, 4, 8 is 4.5

(halfway between 4 and 5)

mean The “**mean**” one (the most work!). Find the mean by adding all the numbers together and dividing by the number of numbers

e.g. the mean of 2, 4 and 6 is 4

Range

The **range** is **NOT** an average.

range It is the **difference** between the largest and the smallest in a set of numbers.

e.g. the range of 1, 2, 5, 4, 9, 7 is 8

(9 minus 1)