# Maths Vocabulary

| symbol | vocabulary | | | | |
|---|---|---|---|---|---|
| **+** | add | plus | total | sum of | increase |
| **-** | take away | subtract | minus | difference | decrease |
| **x** | groups of | lots of | times | multiply | product |
| **÷** | group | share | share equally | divide | divided by |
| **=** | the same as | equals | equal to | leaves | balances |
| **>** | greater than | more than | larger than | is bigger than | |
| **<** | less than | fewer than | smaller than | is smaller than | |

| symbol | unit | length | symbol | unit | volume |
|---|---|---|---|---|---|
| **m** | metre | 1 metre | **l** | litre | 1 litre |
| **dm** | decimetre | 1m = 10dm | **dl** | decilitre | 1l = 10dl |
| **cm** | centimetre | 1m = 100cm | **cl** | centilitre | 1l = 100cl |
| **mm** | millimetre | 1m = 1000mm | **ml** | millilitre | 1l = 1000ml |

| prefix | means | example | prefix | means | example |
|---|---|---|---|---|---|
| **uni-** | 1 | unicycle | **hex-** | 6 | hexagon |
| **bi-** | 2 | bicycle | **hept-** | 7 | heptagon |
| **tri-** | 3 | triangle | **oct-** | 8 | octagon |
| **quad-** | 4 | quadrilateral | **non-** | 9 | nonagon |
| **pent-** | 5 | pentagon | **dec-** | 10 | decagon |

| | 2    5    3    2    4    3    2    1    5 |
|---|---|
| **mode** | The number which appears most often in a set of data. |
| *In the above set of numbers the number 2 appears more than any other.   **The mode is 2.**** |
| **mean** | The average number in a set of data.  Add the numbers and divide by the amount of numbers in the set.  In the above numbers the mean is 3. |
| *2 + 5 + 3 + 2 + 4 + 3 + 2 + 1 + 5 = 27                    27 ÷ 9 = 3                **The mean is 3.**** |
| **median** | The number which appears mid way or in the middle of a set of numbers when they have been placed in order. |
| *1 2 2 2 **3** 3 4 5 5            The middle number is 3.                **The median is 3.**** |
| **range** | The range is the difference between the highest and lowest number in a set of data. |
| *The highest number is 5 and the lowest number is 1.  5 – 1 = 4                **The range is 4.**** |

| **square (²)** | A number timed by itself.  The square of 6 is 36 because 6 x 6 = 36.   $(6^2) = 36$ |
|---|---|
| *square numbers:* | *1      4      9      16      25      36      49      64      81      100* |
| **square root (√)** | A number which when timed by itself will equal a given number. |
| *The square root of 36 is 6 because 6 x 6 = 36.* | |
| **factor** | Numbers that can times together to make a given number. |
| *factors of 12:* | *1 and 12 (1 x 12 = 12),        2 and 6 (2 x 6 =12),      3 and 4 (3 x 4 = 12)* |
| **prime number** | A number that has no factors other than 1 and itself. |
| *Prime numbers:* | *2      3      5      7      11      13      17      19      23      29* |