

Multiplication Facts

To multiply whole and decimal numbers by ten and a hundred.

Multiplying by 10 the digits move one place to the left. For example: 34.5 x 10 = 345



Multiplying by 100 the digits move two places to the left. For example: 9.9 x 100 = 990

hundreds	tens	units	•	tenths
		9	•	9
9	9	0	•	

Number Facts

- ✓ Know different words for subtraction - minus, take away, decrease, difference between, less than
- ✓ Know different words for addition add, plus, sum, total, altogether, more than
- ✓ Know different words for multiplication - times, lots of, product, multiplied by
- \checkmark To be able to double and half whole and decimal numbers
- ✓ List multiples of numbers. Like multiples of 6 are: 12, 60, 66, 600
- ✓ List factors of numbers. A factor is a whole number which goes into another number equally. The
 - factors of 12 are: 1, 2, 3, 4, 6, and
 - 12. The factors of 21 are: 1, 3, 7,
 - and 21.

Division facts

To divide whole and decimal numbers by ten and a hundred.

Dividing by 10 the digits move one place to the right. For example: 123 ÷ 10 = 12.3



Dividing by 100 the digits move two places to the right. For example: 712÷ 100 = 7.12



Data Handling

- *Mode* Is the number which appears most frequently in a collection of data.
- Median When the data is arranged in order of size the median is the one in the middle.
- \checkmark *Range* – The difference between the smallest and largest values.
- *Mean* To find the mean you must have a set of results. You then need to find the total of the results and divide it by the number of results you have.

Money Quadrilaterals - 2D shapes with four sides ✓ To know different coins that can be Square used to make a pound. For Rectangle example 50p and five10p Rhombus ✓ To know how many of each coins Parallelogram make a whole pound like £1 you Kite can use 5x20p and for £5 you can Trapezium use 10x50p **Other 2D Shapes** ✓ Work out mentally change from £1 Triangle – 3 sides and £2 Pentagon – 5 sides Angles Hexagon – 6 sides Heptagon – 7 sides Octagon – 8 sides Acute – less than 90° \checkmark Nonagon – 9 sides Right angle - 90° \checkmark Decagon – 10 sides Obtuse – more than 90° but less \checkmark \bigstar than 180° **3D Shapes** ✓ Straight line - 180° A solid shape with faces. Reflex – more than 180° but less \checkmark Cube than 360° Cuboids Sphere Cylinder Half a turn = Full turn = Three Cone 180° 360° quarters of a Tetrahedron $turn = 270^{\circ}$ Triangular prism Quarter of a Right angle Angles Triangular prism turn = 90° = 90° inside a triangle total 180°