My Maths Dictionary

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Quadrilateral - a four-sided two-dimensional shape

Net – a flat shape which can be folded up into a three-dimensional solid

Perimeter – the distance around the outside of a shape, calculated by adding the length of all sides together

Pentagon - a shape with 5 sides

Equilateral triangle- a triangle with 3 equal sides and 3 equal angles

Square number - a number which can be multiplied by itself

Face – a flat surface of a three-dimensional shape

Symmetrical - one half is a mirror image of the other half

Area - the size a surface takes up

Hexagon - a shape with 6 sides

Isosceles - a quadrilateral with at least one pair of parallel sides that also has two non-parallel sides of the same length

Prime number - a number that has exactly two factors

Edge - the side of a polygon or a line segment

Right angle - an angle measuring 90^0

Volume - amount of space occupied by an object

Heptagon - a shape with 7 sides

Parallelogram - has opposite sides that are parallel and of equal length and opposite angles that are equal

Factor - a whole number that divides exactly into another number

Parallel - the same distance apart but never touching

Acute - an angle measuring less than 90 degrees

Circumference - the distance around a circle

Octagon - a shape with 8 sides

Mean Average - the total of the amounts divided by how many there were

Multiple – a number multiplied by different numbers

Perpendicular - at right angles to the horizon or another object

Obtuse – any angle between 90º and 180º

Radius - the distance from the centre of a circle to its circumference

Nonagon - a polygon with 9 sides

Inverse operation - opposite, reverse operations

Product - the result when two numbers are multiplied

Regular - regular polygons have all sides equal and all angles equal

Reflex - any angle between 180º and 360º

Diameter - a straight line passing through the centre of a circle
to touch both sides

Trapezium - a quadrilateral with at least one pair of parallel sides

Scale Factor - a ratio between two sets of measurements

Irregular - a shape or object which is not regular

Vertex/Vertices - two or more rays or the arms of an angle meet

Scalene - a triangle in which all three sides are a different length

Rhombus - has four equal sides, opposite sides that are parallel,
equal opposite angles and diagonals that bisect at right angles

Translate/Translation - move an item in any direction without rotating it