acute angle

An angle measuring less than 90 degrees.

algebra

Area of maths where numbers are represented by letters.

adjacent

next to

a.m.

Any time between midnight and midday.

analogue clock

Clock with numbers 1-12 around the face.

area

The size a surface takes up. Measured in square units.

angle

The amount of turning between two lines, meeting at a point.

arc

Section of a curve, part of a circle.

axis

Horizontal or vertical line on a graph.

base

The bottom of something.

bar graph

Graph using bars to show quantity or numbers.

breadth

Width, the distance across, from side to side.

capacity

The amount a container can hold.

centre of rotation

The point around which an object is rotated.

carroll diagram

A sorting diagram in grid form.

circumference

The distance around a circle.

common factor

A number that divides two or more other numbers exactly.

composite

A number with more than two factors.

complementary angles

Two angles that add up to 90 degrees.

concave

Curving inwards, opposite of convex.

concentric circles

Circles of different sizes that have the same centre point.

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consecutive

Numbers that follow one another, in an unbroken sequence.

congruent

Having the same shape and size.

convex

Curving outwards, opposite of concave.

data

A collection of information.

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degree

Unit for measuring the size of angles.

decimal point

The point between a whole number and a decimal fraction.

denominator

The bottom number in a fraction.

diameter

The distance across a circle, passing through the centre.

edge

Where two surfaces join on a 3D shape.

dozen

A group or set of 12.

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estimate

To make a rough guess, often based on rounding.

even

A number that is divisible by 2.

factor

A whole number that divides exactly into another number.

face

A flat surface on a 3D shape.

fraction

Any part of a group, number or whole.

frequency

The number of times a particular item appears in a set of data.

graph

A drawing or diagram used to record information.

geometry

An area of maths that looks at shape and space.

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horizontal

Parallel to the horizon.

improper fraction

A fraction larger than one whole

integer

A number with no fractions or decimals.

infinite

Unable to be counted, unlimited.

intersect

To cross over one another.

interval

Distance between two points or time between two events.

irregular

A shape that is not regular.

inverse operations

Opposite or reverse operation. E.g. addition/subtractio

mean

Average calculated by dividing the total of all score by the number of scores taken.

mode

Type of average, the mode is the number that occurs the most in a set of data.

net

A flat shape that can be folded into a 3D solid.

median

Type of average, the number that appears in the middle of a set of numbers, when arranged from lowest to highest.

numerator

The number above the line on a fraction, showing the number of pieces you have.

obtuse

An angle between 90 and 180 degrees.

operations

Addition, subtraction, multiplication and division are the four mathematical operations.

odd number

A number that is not divisible by 2.

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ordinal

Ordinal numbers show place or position, e.g. 1st, 2nd, 10th.

parallel

Lines that are the same distance apart.

perimeter

The distance around the outside of a shape.

percent

A number out of 100.

perpendicular

At right angles to the horizon or lines that intersect at right angles.

pie-chart

Graph using a divided circle, where each section represents part of the total.

plane

A flat surface.

place value

The value of a digit depending on its place in a number.

plane shapes

2D shapes, flat shapes having only two dimensions.

p.m.

Any time between midday and midnight.

polyhedron

A 3D shape with plane faces.

polygon

A 2D shape, having 3 or more straight sides.

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prime

A number that has exactly two factors.

prism

A 3D shape with two parallel, identical bases. All other faces are rectangles.

product

The result when two numbers are multiplied.

probability

The chance of something happening, expressed as a ratio.

quadrilateral

A polygon with four sides.

radius

The distance from the centre of a circle to its circumference.

range

From the lowest score to the highest score on a graph.

random

A chance pick from a number of items.

ratio

A comparative value of two or more amounts.

reflex angle

An angle between 180 and 360 degrees.

remainder

The amount left over after dividing a number.

regular shape

A polygon with equal sides and equal angles.

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right angle

A 90 degree angle.

square number

The number that results from multiplying a number by itself.

tessellation

Patterns of shapes that fit together without any gaps.

symmetry

An object is symmetrical if one half is a mirror image of the other.

venn diagram

A diagram using circles or shapes to show the relationship between sets.

vertices

Points where surfaces meet - corners.

Singular = VERTEX

volume

The amount of space taken up by a 3D object.

vertical

At right angles to the horizon.

width

The distance from one side to another.

x-axis

Horizontal axis on a graph.

Remember: x is a-cross

y-axis

Vertical axis on a graph.