## Spelling list: GCSE Maths: Shapes 3

Key words for GCSE Maths
congruent Congruent shapes are identical.
cross-section
decagon
diameter
hypotenuse $\quad$ The hypotenuse is the longest side of a triangle.

A vector has both size and direction and describes the movement of an vector
locus
loci Loci is the plural of locus.
perimeter
perpendicular

Pi
polygon
prism
tangent
sine object.

A locus is a pattern formed by a point that moves according to a rule. The perimeter is the distance around the shape. Perpendicular lines are at right angles to each other. The ratio of the circumference to the diameter of a circle is called $\mathbf{P i}$. A shape with more than three sides is a polygon .

A 3D shape with a constant cross-section is called a prism .

A tangent is a straight line that touches a circle only once.

Sine is the ratio of the hypotenuse and opposite in a triangle.

