

Polygon	Regular polygon	Irregular polygon
Quadrilateral	Equilateral triangle	Isosceles triangle
Scalene triangle	Right-angled triangle	Pentagon
Hexagon	Heptagon	Octagon
Rectangle	Oblong	Square
Circle	Semi-circle	Kite
Parallelogram	Trapezium	Rhombus
Angle	Degrees ⁰	Right angle

Acute angle	Reflex angle	Obtuse angle
Congruent shapes	Vertex	Parallel lines
Perpendicular lines	Vertical line	Horizontal line
Area	Perimeter	Polyhedron
Face	Edge	Volume
Radius	Diameter	Circumference
Cube	Cuboid	Sphere
Cylinder	Cone	Triangular prism

Triangular based pyramid / tetrahedron	Square based pyramid	Octahedron
Dodecahedron	Icosahedron	Diagonal line

A closed 2D shape with only straight sides	All the sides and angles are equal	The sides and angles are not all equal
A polygon with 4 sides	A triangle with all sides and angles equal	A triangle with 2 equal sides and 2 equal angles
A triangle with all sides and angles different	A triangle with one right angle	A polygon with 5 sides
A polygon with 6 sides	A polygon with 7 sides	A polygon with 8 sides
A quadrilateral with 4 right angles	A rectangle with 2 longer and 2 shorter sides	A rectangle with all sides equal length
1 curved side, points on it are always the same distance from the centre	Half of a circle	A quadrilateral with 2 pairs of equal length adjacent sides
A quadrilateral with 2 pairs of parallel sides	A quadrilateral with 1 pair of parallel sides	A parallelogram with all sides equal length
Amount of turn between 2 straight lines at the point where they meet	The unit used to measure angles	An angle of 90°

An angle less than 90°	An angle more than 180°	An angle more than 90° and less than 180°
Shapes that are exactly the same shape and size	A corner, where sides of a polygon or edges of a polyhedron meet (plural is vertices)	Lines that are always the same distance apart
Lines that are meet at a right angle	A line that is at a right angle to the horizontal	A line parallel to the earth's surface
Amount of space inside a 2D shape	Distance around the outside of a 2D shape	A 3D shape with only flat faces
A flat or curved surface of a 3D shape	Where two faces of a 3D shape meet	The amount of space a 3D shape takes up
Distance from the centre to edge of a circle	A straight line from edge to edge of a circle passing through its centre	Distance all the way around a circle
Polyhedron with 6 square faces	Polyhedron with 6 rectangular faces	3D shape that is perfectly round
3D shape with 2 congruent circular faces at each end	3D shape with a circular base and curved face that narrows to a point	Polyhedron with 2 congruent triangular bases joined by 3 rectangular faces

Polyhedron with 4 triangular faces	Polyhedron with square base and 4 triangular faces	Polyhedron with 8 faces
Polyhedron with 12 faces	Polyhedron with 20 faces	Line joining 2 non-adjacent vertices of shape