Name	Shape	Edges	Faces	Vertices	2D shape
Cube		12	6	8	6 x squares
Cuboid		12	6	8	4 x rectangle 2 x square
Cylinder		2	3	0	2 circles 1 rectangle
Sphere		0	1	0	N/A
Cone		1	2	0	1 circle 1 semi-circle
Triangular Prism		9	5	6	3 x rectangle 2 x isosceles triangle
Square based pyramid		8	5	5	4 x isosceles triangle 1 x square
Hexagonal Prism		18	8	12	2 x hexagon 6 x square or rectangle
Trapezium Prism		12	6	8	2 x trapezium 4 x rectangle
Tetrahedron		6	4	4	4 x equilateral triangles
Hemisphere		1	2	0	N/A
Octahedron		12	8	6	8 x equilateral triangles
Dodecahedron		30	12	20	12 x pentagon
Octagonal Prism		16	10	24	8 x rectangles 2 x octagons

## **3D Shape Properties**

Name	Shape	Edges	Faces	Vertices	2D shape
Triangular Prism					
Square based pyramid					
Hexagonal Prism					
Trapezium Prism					
Triangular Based Pyramid (Tetrahedron)					
Hemisphere					
Octahedron					
Dodecahedron					
Octagonal Prism					

Sphere Cuboid Cylinder

Cone Cube

Name	Shape	Edges	Faces	Vertices	2D shape
	72				

Triangular Based Pyramid

(Tetrahedron) Sphere Cone Cylinder

Octagonal Prism Cuboid Hexagonal Prism Sphere

Triangular Prism Cube Trapezium Prism Square based pyramid

Hemisphere Octahedron Dodecahedron

## 3D Shape Properties

Name	Shape	Edges	Faces	Vertices	2D shape