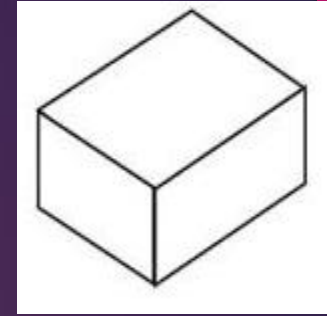
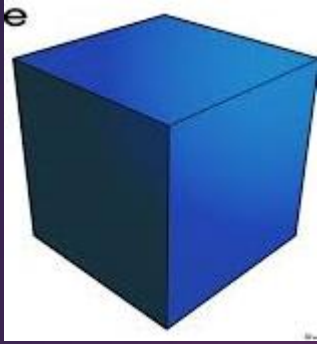
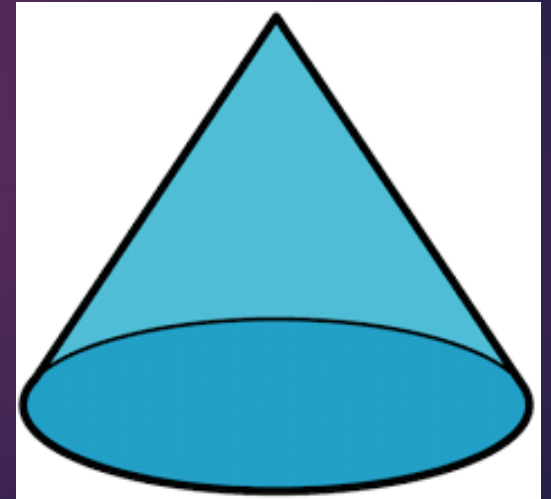
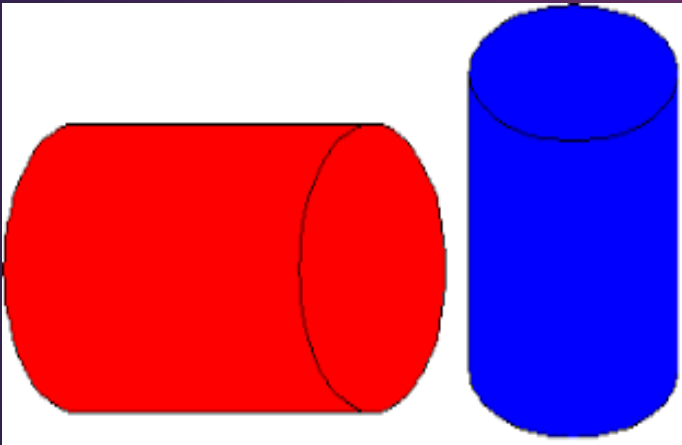
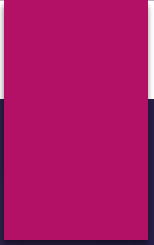




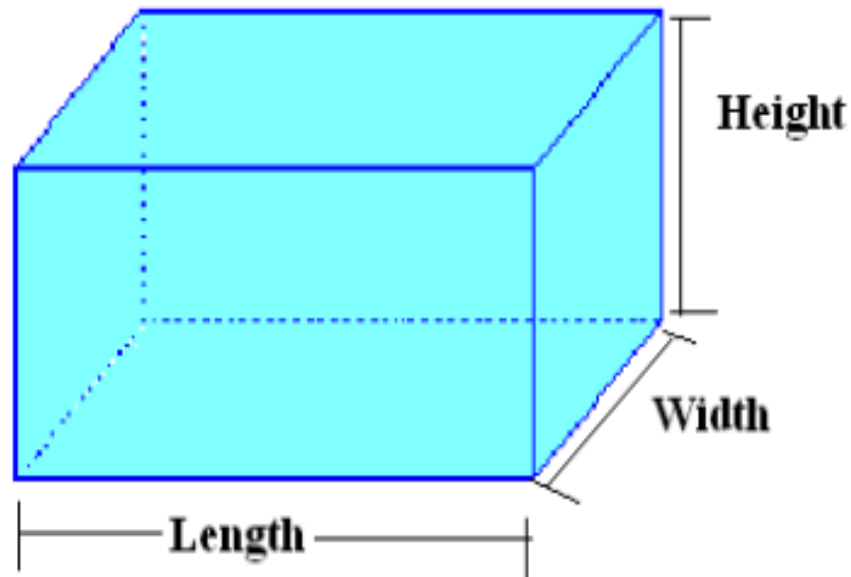
SOLID SHAPES





Solid shapes have three dimensions- length, breadth and height. So, a solid shape is also known as 3 dimensional or 3 D shape.

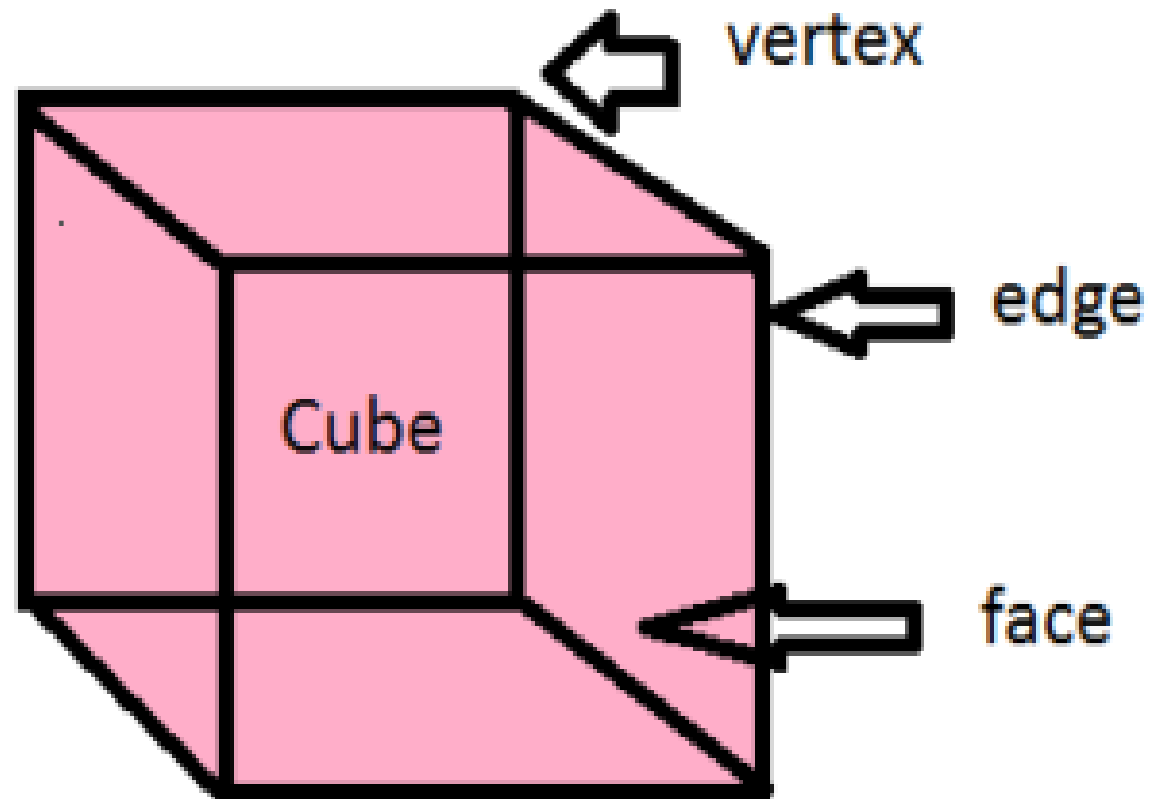
CUBOID- A cuboid is a three-dimensional shape with a length, width, and a height. The cuboid shape has six sides called faces and each face of a cuboid is a rectangle. It has 12 edges and 8 vertices.



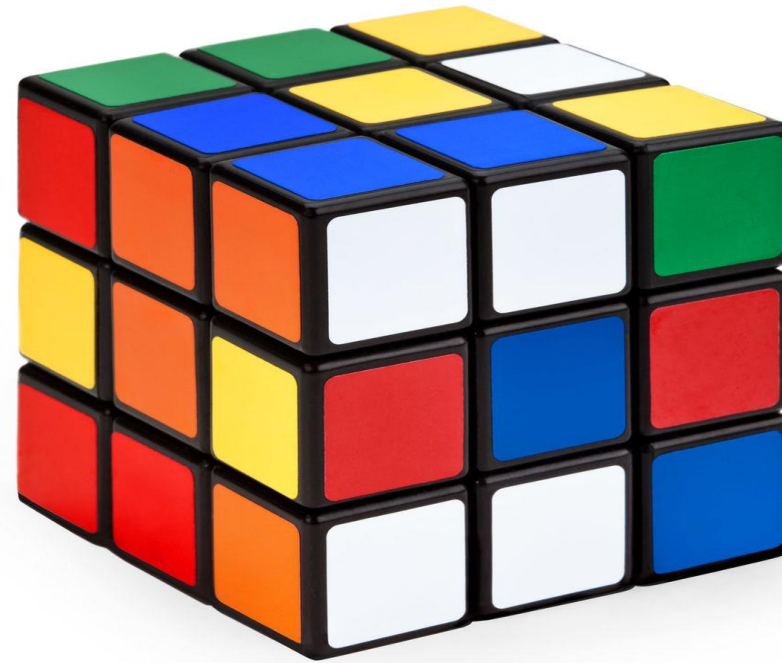
Cuboid



CUBE- A **cube** is a region of space formed by six identical square faces joined along their edges. Three edges join at each corner to form a vertex. It has 6 faces, 12 edges and 8 vertices.



EXAMPLES OF CUBE



Cylinder-

A cylinder is a three-dimensional shape in geometry.

A cylinder is round and has a top and bottom in the shape of a circle.

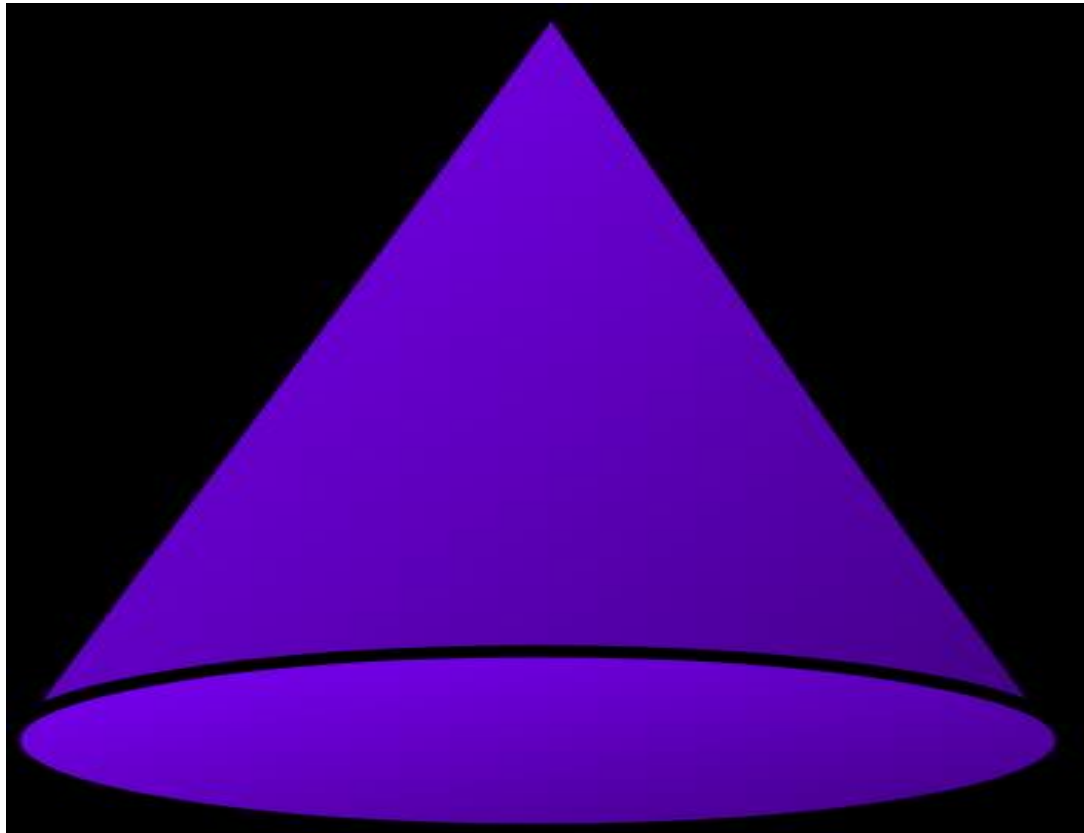
The top and the bottom are flat and always the same size. It has 2 edges, 3 faces and no vertex.



CYLINDER



Cone- A solid (3-dimensional) object that has a circular base joined to point by a curved side. The point is called a vertex. It has one flat surface and one curved face.

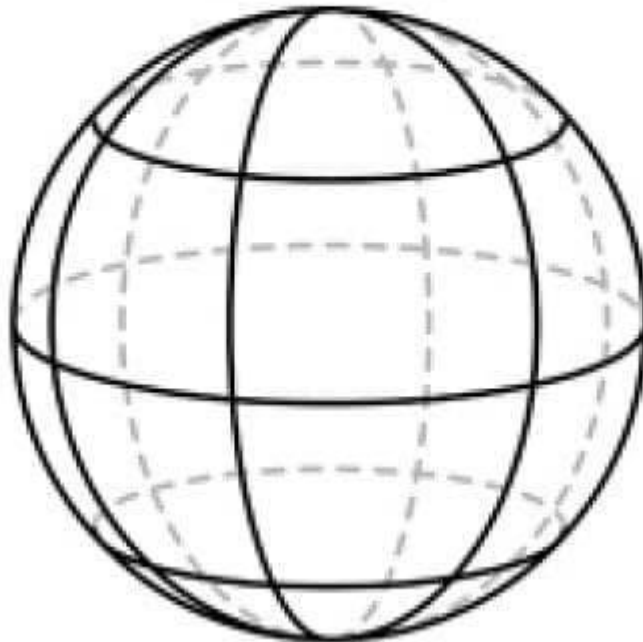


CONE



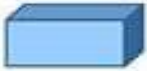
Sphere- A **sphere** is a geometrical figure that is perfectly round, 3-dimensional and circular - like a ball.

Sphere





Properties of cube, cuboid, sphere, cylinder and cone.

	Faces	Edges	Corners
Cube 	6	12	8
Cuboid 	6	12	8
Sphere 	1	0	0
Cylinder 	3	2	0
Cone 	2	1	1