Properties of 3D Shapes
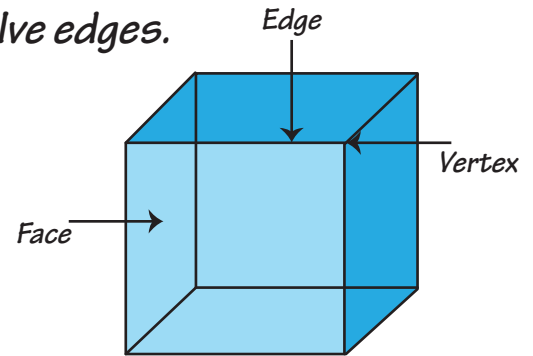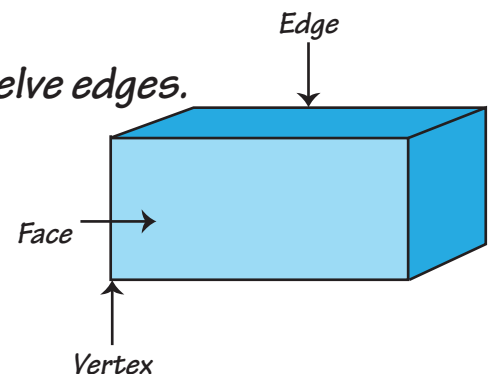
Cube

→ A cube has six faces, eight vertices and twelve edges.

→ All the faces of a cube are squares.

→ All the faces meet four other faces.

→ All the plane angles are right angles.

→ Opposite edges on faces of a cube are parallel to each other.

Cuboid

→ A cuboid has six faces, eight vertices and twelve edges.

→ All the faces meet four other faces.

→ All the plane angles are right angles.

→ All of its faces are rectangular and all angles are right angles.

→ Pair of opposite faces are equal.

Cone

→ A cone has one face, one edge and one vertex.

→ It has circular base.

→ It has only one curved surface.