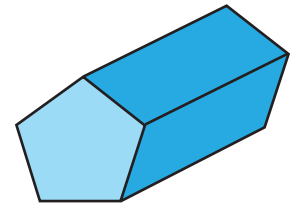# Properties of 3D Shapes

Rectangular prism

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

→ All the faces meet at 90 degrees.
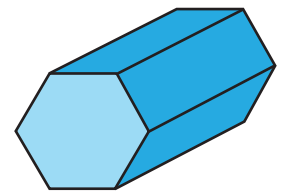
→ Opposite faces are parallel.

Pentagonal prism

→ A pentagonal prism has seven faces, ten vertices and fifteen edges.

→ It has two pentagonal shapes and five rectangular shapes.

→ It is a semiregular polyhedron.

Hexagonal prism

→ A hexagonal prism has eight faces, twelve vertices and eighteen edges.

→ It is an octahedron.

→ It has two hexagonal shapes and six rectangular shapes.

Octagonal prism

→ A octagonal prism has ten faces, sixteen vertices and twenty four edges.

→ It has eight sides.

→ It has two octagonal shape and eight rectangular shape.