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Nets of building 3D shapes

Properties of 3D shapes:

The 3 important properties that differentiate the 3D shapes are given below:

- * Face: A face is a curve or flat surface on the 3D shape.
- * Edge: An edge is a line segment between the faces.
- * Vertices: A vertex is a point where the 2 edges meet.

3D Shapes using Nets:

Net: A net is a flattened out 3 dimensional solid. It is the basic skeleton outline in 2 dimensions, which can be folded and glued together to obtain the 3D structure.

Nets are used for making 3D shapes:

Cuboid:

A cuboid is ~~also~~ also known as a rectangular prism. The all or few faces of cuboid are rectangular. All the angle measures are 90° . A cuboid has

Faces - 6, Edges - 12, Vertices - 8

Cube:

A cube is defined as 3-dimensional square with 6 equal sides. All the faces of the cube have equal dimension. It has

Faces - 6, Edges - 12, Vertices - 8



CUBOID

16.3 cm

11.9 cm

11.9 cm

16.3 cm

11.9 cm

11.9 cm

16.3 cm

16.3 cm