

VISUALISING SOLID SHAPES

- ✚ All two-dimensional figures have only length and breadth.
- ✚ Three-dimensional solid shapes have length, breadth and height.
- ✚ The flat surfaces that form the skin of solids are called faces.
- ✚ The line segments that form the skeleton of solids are called edges.
- ✚ The points where three edges meet are called vertices.
- ✚ Solid shapes can be drawn on a flat surface, which is known as the two-dimensional representation of a three-dimensional solid.
- ✚ Sketches of solids are of two types: oblique and isometric.
- ✚ Oblique sketches are drawn on squared paper. They do not have exact dimensions, but still convey all the significant aspects of the appearance of a solid.
- ✚ Isometric sketches are drawn on dotted or isometric sheets and have the exact measurements of solids.

