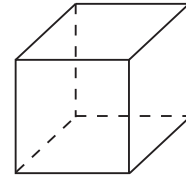


Solids

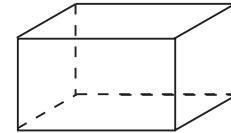
Essential information

Cube

all side lengths equal (square faces) and all angles right angles

***Cuboid***

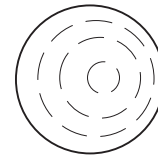
faces a combination of rectangles (opposite faces equal) and all angles right angles

***Cylinder***

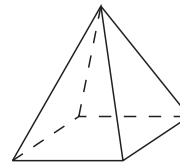
has a circular cross-section throughout

***Sphere***

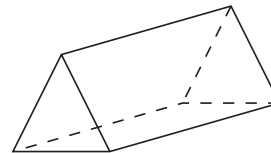
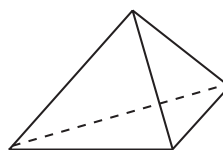
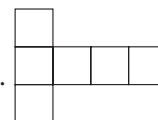
all points on the surface are equidistant from the centre

***Pyramid***

all slant edges from the base meet at a vertex

***Prism***

cross-section remains the same throughout

Note: a cube is a square-based prism with all sides equal.***Tetrahedron*** all faces are triangles***Octahedron*** solid shape with eight faces**Net** of a 3D shape can be cut and folded to form the 3D shape: e.g.

is a net for a cube.

Plans and elevations (front and side) define the 3D shape: e.g.,