## Properties of 3D Shapes

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Date

## Sphere

$\rightarrow$ Sphere is perfectly symmetrical and rounded.
$\rightarrow$ Every point on the surface of the sphere is equidistant from its centre.

$\rightarrow$ The distance from the surface to the centre is called the radius of the sphere.

## Cylinder

$\rightarrow$ A cylinder has two faces, two edges and no vertices.
$\rightarrow$ Two equal circles on its ends.

$\rightarrow$ It has only one curved surface.

## Hemisphere

$\rightarrow$ Exact half of a sphere is called a hemisphere.
$\rightarrow$ It has a circular base.

$\rightarrow$ No parallel and perpendicular faces or edges.

## Triangular prism

$\rightarrow$ A triangular prism has nine edges, five faces and six vertices.
$\rightarrow$ The bases of the triangular prism are triangle.

$\rightarrow$ It has two triangular shapes and three rectangular shapes.

