

3D Shapes

Which 3D shapes do you already know about?

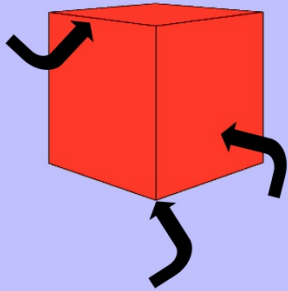
Sphere



A sphere has **1 curved face**.
It has no **vertices** or **edges**.

Click on the sphere
to see some more
examples of spheres.

Cube



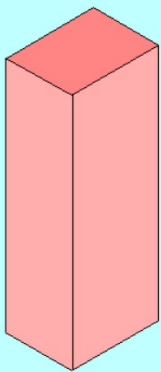
A cube has 6 flat faces.
It has 12 edges.
It has 8 vertices.

Edge

Face

Vertex

Drag the label to the correct arrow.



Cuboid

A cuboid has 6 flat faces.

It has 12 edges.

It has 8 vertices.

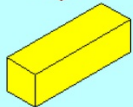
Answer

So what's the difference

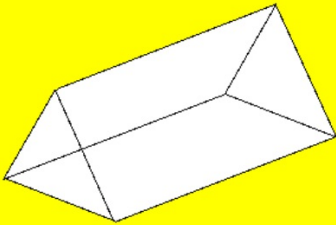
between:

a cube

and a cuboid?



Triangular Prism



How many **faces** does a triangular prism have?

How many **edges** does it have?

How many **vertices** does it have?

Cone



A cone has **2 faces**. One of them is _____ and the other one is _____.

A cone also has **1 edge**. It is _____.

Does a cone have any **vertices**?

Where are the cones
in these pictures?

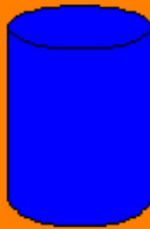


Cylinder

2 flat faces



2 edges



1 curved face

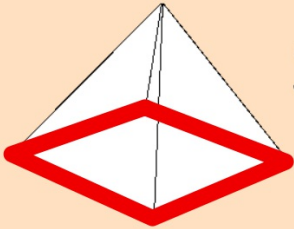


Does it have any vertices?

Drag the labels to the right place on the cylinder.

Pyramids

There are 2 main types of pyramids:

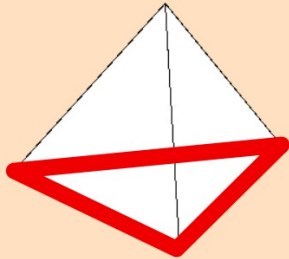


Square-based pyramid

Faces:

Edges:

Vertices:



Triangular-based pyramid

Faces:

Edges:

Vertices:

