Starter

Can you remember the names of any of the 3D shapes which we learnt yesterday?

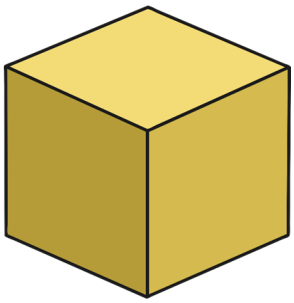
Write them on your whiteboard.

LO - to name and describe 3D shapes

Cube

Cubes have:

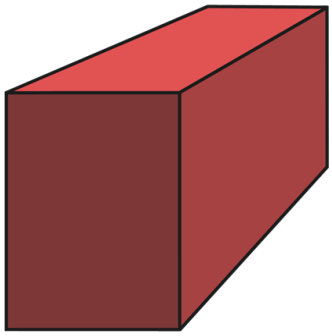
- 6 faces;
- 12 edges
- 8 vertices;
- edges that are all the same length.



Cuboid

Cuboids have:

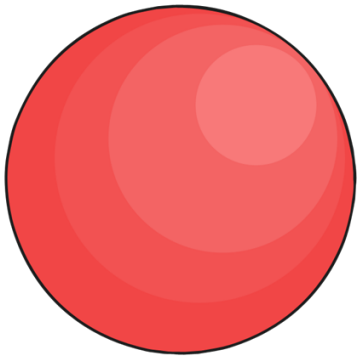
- 6 faces;
- 12 edges
- 8 vertices;
- edges that are **not** all the same length.



Sphere

Spheres:

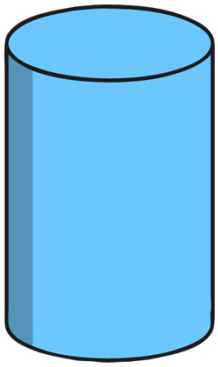
- are perfectly round;
- have no edges;
- have no vertices.
- 1 curved surface



Cylinder

Cylinders have:

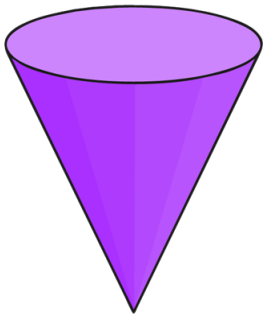
- 2 flat and circular faces;
- 1 curved surface;
- **no** vertices.



Cone

Cones have:

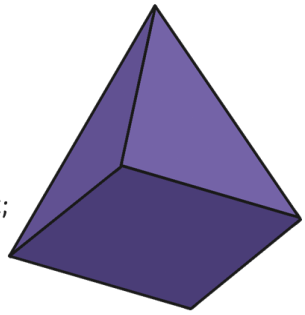
- 1 flat face which is a circle;
- 1 vertex;
- 1 edge;
- 1 curved surface.



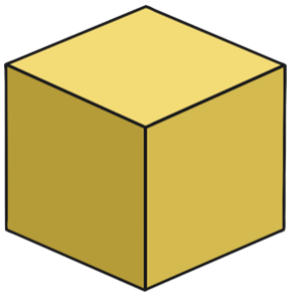
Pyramid

Square-based pyramids have:

- a square base;
- 4 triangular faces that make a sharp point;
- 5 faces.

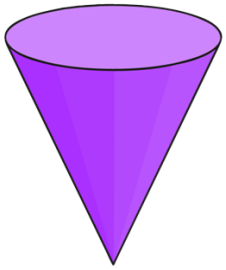


I do



 This is a cube It has 6 faces. It has 12 edges. It has 8 vertices.	 This is a sphere It has 1 face. It has 0 edges. It has 0 vertices.	 This is a cuboid. It has 6 faces. It has 12 edges. It has 8 vertices.
 This is a cylinder It has 3 faces. It has 2 edges. It has 0 vertices.	 This is a pyramid It has 5 faces. It has 8 edges. It has 5 vertices.	 This is a cone It has 2 faces. It has 1 edge. It has 1 vertice.

We do



 This is a cube It has 6 faces. It has 12 edges. It has 8 vertices.	 This is a sphere It has 1 face. It has 0 edges. It has 0 vertices.	 This is a cuboid. It has 6 faces. It has 12 edges. It has 8 vertices.
 This is a cylinder It has 3 faces. It has 2 edges. It has 0 vertices.	 This is a pyramid It has 5 faces. It has 8 edges. It has 5 vertices.	 This is a cone It has 2 faces. It has 1 edge. It has 1 vertice.

You do

In pairs look at the

3D shapes and discuss their

properties together.

Use the fact sheet to help you.

 This is a cube It has 6 faces. It has 12 edges. It has 8 vertices.	 This is a sphere It has 1 face. It has 0 edges. It has 0 vertices.	 This is a cuboid. It has 6 faces. It has 12 edges. It has 8 vertices.
 This is a cylinder It has 3 faces. It has 2 edges. It has 0 vertices.	 This is a pyramid It has 5 faces. It has 8 edges. It has 5 vertices.	 This is a cone It has 2 faces. It has 1 edge. It has 1 vertice.

Guess the shape game

My shape has _____ edges.

What shape is it?

Word bank

cuboid

cone

cube

cylinder

sphere

pyramid