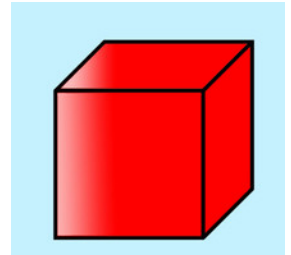
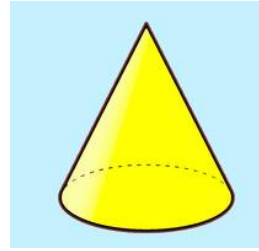
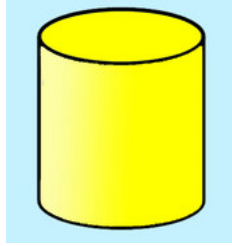
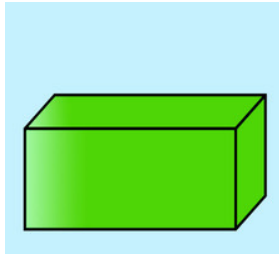
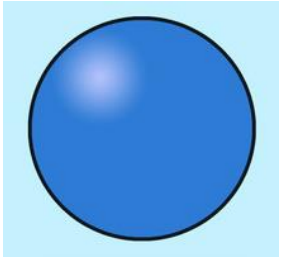


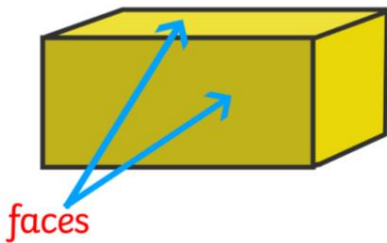
3D Shapes

Can your child remember the names of these 3D shapes?



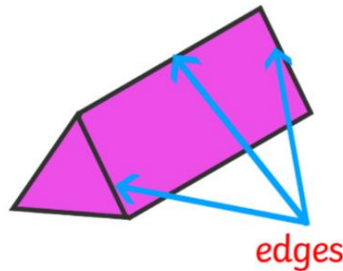
Today we are going to be learning about the properties of 3D shapes.

Faces



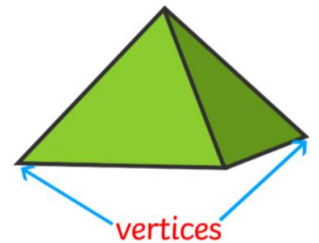
Faces are the flat sides on a shape.

Edges



Edges are the lines where two faces meet.

Vertices



Vertices are the corners of a 3D object, where two or more edges meet.

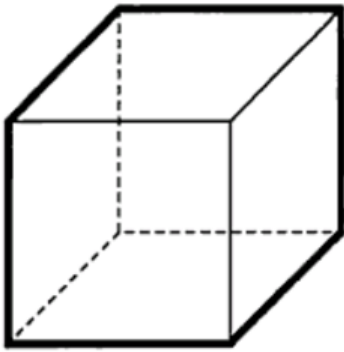
(We use the word vertex if a shape has only 1 edge)

Find some 3D shapes and point out the faces, edges and vertices to your child.

Give them a shape and ask them how many faces/edges and vertices it has?

Practice this with different shapes and then try completing the worksheet below.

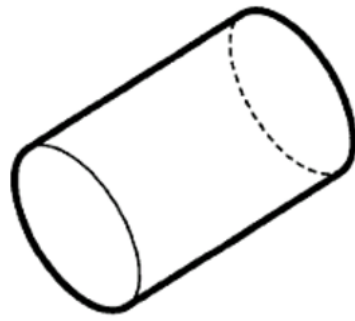
Use 3d shapes to help you find the answers:



Faces: _____

Edges: _____

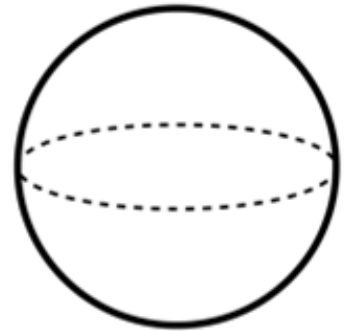
Vertices: _____



Faces: _____

Edges: _____

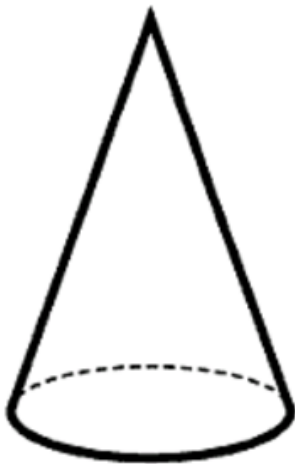
Vertices: _____



Faces: _____

Edges: _____

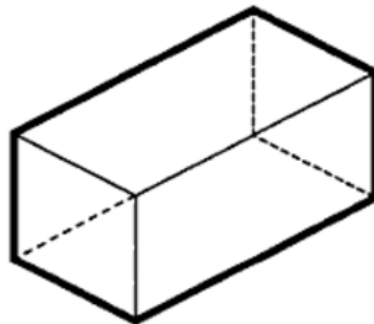
Vertices: _____



Faces: _____

Edges: _____

Vertices: _____



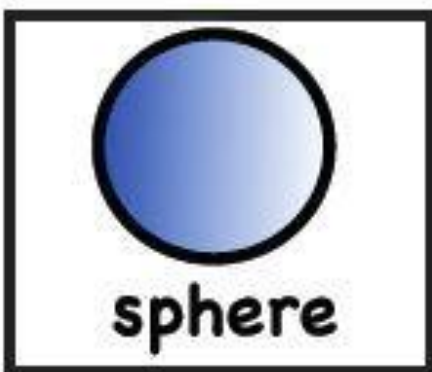
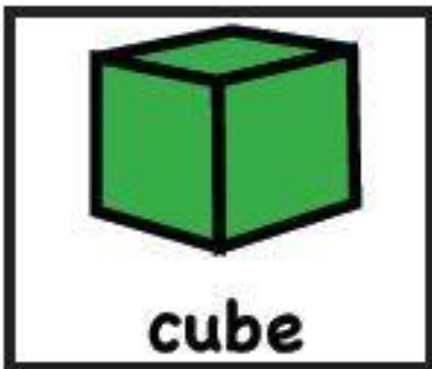
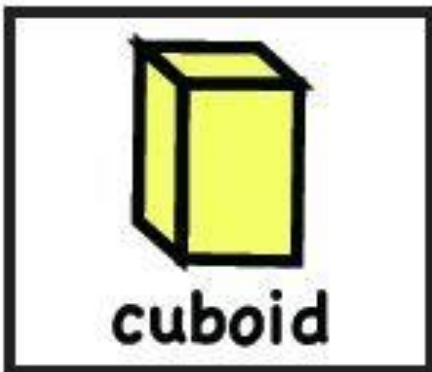
Faces: _____

Edges: _____

Vertices: _____

Challenge:

Read the text and guess the shape - draw a line to match the text to the shape.



I have 6 faces.
I have 6 corners.
I have 12 straight edges.

I have 2 circle faces .
I have 1 curved face.
I have no corners.
I have 2 curved edges.

I have 1 curved face.
I have 0 corners.
I am easy to roll.

I have 6 faces that are all squares.
I have 6 corners.
I have 12 straight edges.