



Y2 Shape

MATHS KNOWLEDGE ORGANISER

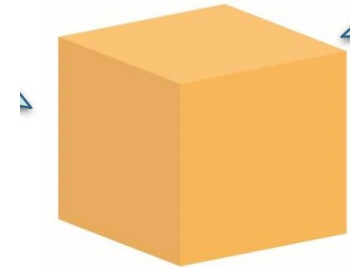


ESSENTIAL VOCABULARY

quadrilateral	4 sided shape.
hexagon	6 sided shape
octagon	8 sided shape.
vertices	Where edges join together
Right angle	90 degrees
symmetrical	An object is symmetrical when one half is a mirror image of the other.

3D Shapes

A cube has 6 flat surfaces, so it has 6 faces. All the faces are square.



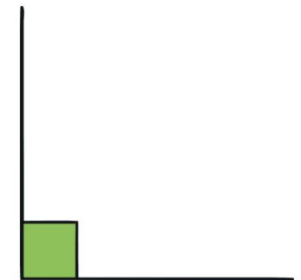
This cylinder has 3 surfaces, 1 is curved and 2 are flat. The 2 flat surfaces are faces, these are circles.



Stem sentences

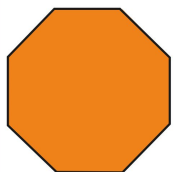
This has _ surfaces. _ of the surfaces are curved and _ of the surfaces are flat. There are _ faces. The shape of the faces are _
 An edge is where surfaces meet. This shapes has _ edges.
 Where edges join together is a vertex. This shapes has _ vertices.

Right Angle

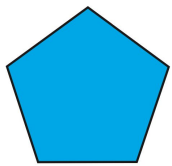


2D Shapes

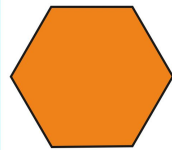
octagon



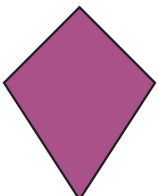
pentagon



hexagon



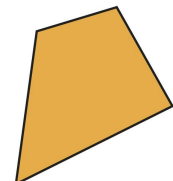
kite



parallelogram



irregular quadrilateral



LINKS TO PREVIOUS LEARNING

- In 1LS14, pupils explored 2-D and 3-D shapes including identifying 2-D shapes on the faces of 3-D shape
- In 2LS29, pupils explored halving shapes

Maths Mastery

Tick the statements that are true for this shape:



- It is regular
- It has 5 vertices
- It is an octagon
- It has 6 sides