

Recognising 3-D objects

CAPS Statement

Space and shape: Names and knows 3-D objects such as rectangular prism (and others), cube, cylinder, cone and pyramid

Note

Put on those 3-D glasses.

If you see things in 3-D it means that you can imagine more than one side of a shape.

Rectangular prism: a solid having bases or ends that are parallel, congruent polygons and sides that are parallelograms.

Parallel : surfaces are side by side and have the same distance between them continuously.

Congruent: means that shapes have the same shape and size.

Activity 1

Match the words to the correct 3-D shape.

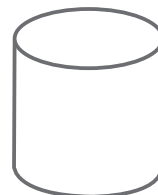
Cone

Pyramid

Cylinder

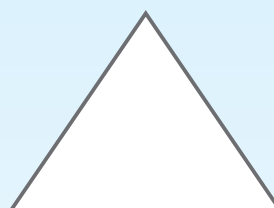
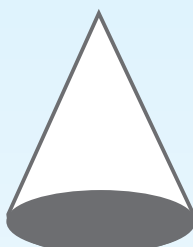
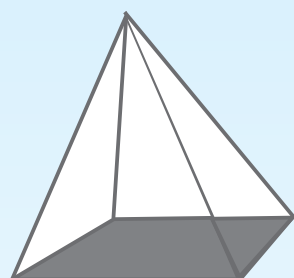
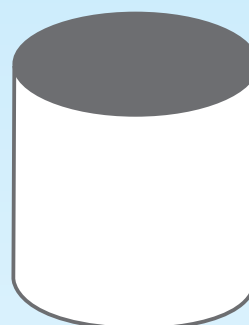
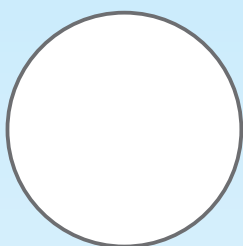
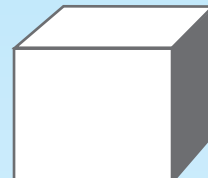
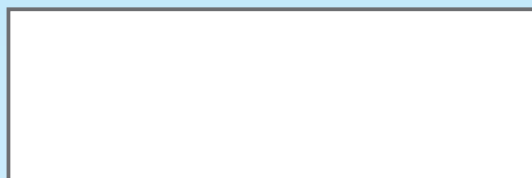
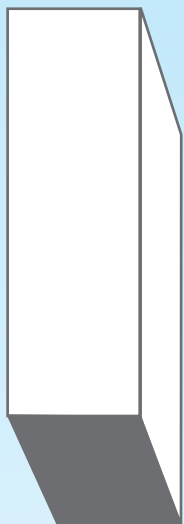
Rectangular prism

Cube



Activity 2

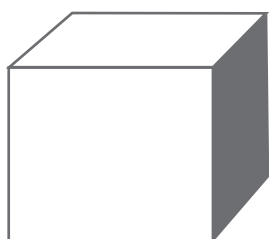
Match the 2-D shapes to the 3-D shapes that have the 2-D shape on their surfaces.



Activity 3

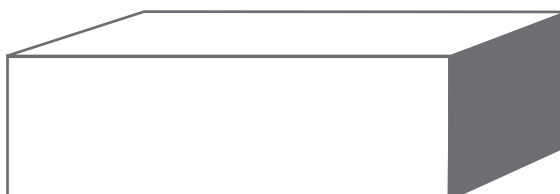
Complete the following activity by filling in the missing answers.

A cube has 6 Square sides.



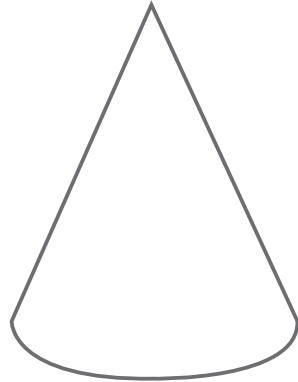
A rectangular prism has 4 _____

sides and 2 _____ sides.



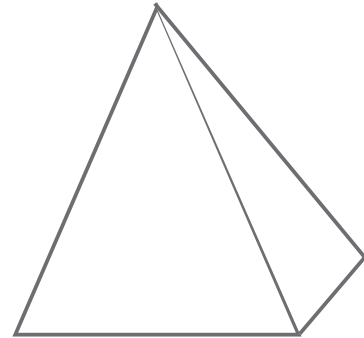


A cone has 1 _____ side.

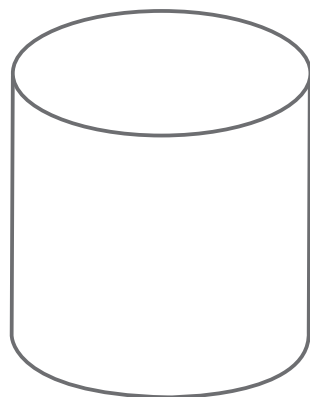


A pyramid has 4 _____

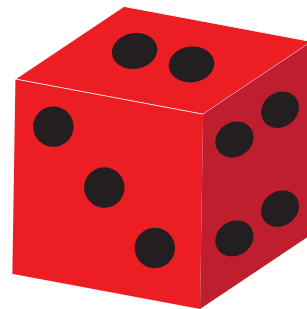
sides and 1 _____ side.



A cylinder has 2 _____ sides.



What shape is a dice? _____



Teacher Tip

Bring 3-D objects to class so learners can explore with them and look for differences between 2-D and 3-D shapes.

