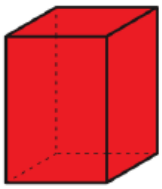
Recognise and Describe 3D Shapes

1a. True or false?

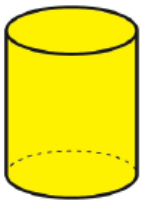


A cuboid has 8 faces.

VF

Recognise and Describe 3D Shapes

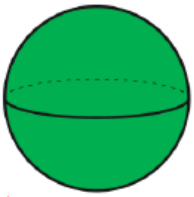
1b. True or false?



A cylinder has 2 vertices.

VF

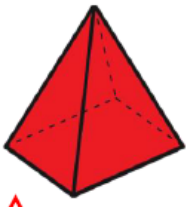
2a. Tick the statements which relate to the shape.



2 surfaces	
1 vertex	
It is a sphere	

VF

2b. Tick the statements which relate to the shape.



5 vertices	
4 faces	
8 edges	

VF

3a. Circle the shapes that have a curved surface.

cylinder | cuboid | sphere

VF

3b. Circle the shapes that have at least one square face.

square based pyramid | cube | cone

VF

4a. Use >, < or = to complete the statements below.

number of edges on a cube ☐ number of faces on a cylinder

number of vertices on a cone ☐ number of faces on a cube

VF

4b. Use >, < or = to complete the statements below.

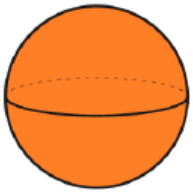
number of edges on a square based pyramid ☐ number of edges on a sphere

number of edges on a cuboid ☐ number of edges on a cube

VF

Recognise and Describe 3D Shapes

5a. True or false?

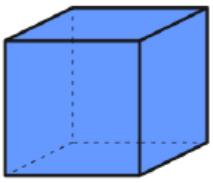


A sphere has no edges.

VF

Recognise and Describe 3D Shapes

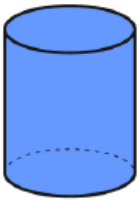
5b. True or false?



A cube has 8 faces.

VF

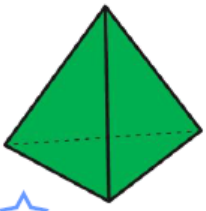
6a. Tick the statements which relate to the shape.



2 edges	
1 surface	
3 faces	

VF

6b. Tick the statements which relate to the shape.



6 edges	
4 faces	
5 vertices	

VF

7a. Circle the shapes that have more than 5 edges.

cuboid | sphere | cube

VF

7b. Circle the shapes that have fewer than 7 vertices.

cube | cone | square based pyramid

VF

8a. Use >, < or = to complete the statements below.

number of vertices on a cube ☐ number of faces on a cube

number of edges on a cylinder ☐ number of vertices on a sphere

VF

8b. Use >, < or = to complete the statements below.

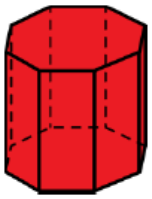
number of vertices on a square based pyramid ☐ number of edges on a cone

number of faces on a cuboid ☐ number of edges on a triangular based pyramid

VF

Recognise and Describe 3D Shapes

9a. True or false?

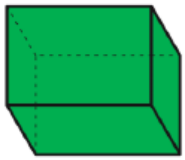


An octagonal prism has 24 edges.

VF

Recognise and Describe 3D Shapes

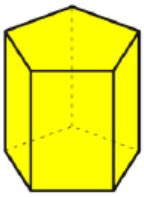
9b. True or false?



A cuboid has 6 vertices.

VF

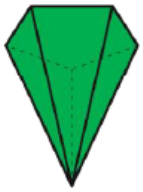
10a. Tick the statements which relate to the shape.



12 vertices	
7 faces	
It is a pentagonal prism	

VF

10b. Tick the statements which relate to the shape.



10 edges	
7 vertices	
It is a pentagonal based pyramid	

VF

11a. Circle the shapes that have the same number of edges as a cuboid.

triangular prism | tetrahedron | cube

VF

11b. Circle the shapes that have between 2 and 7 triangular faces.

hexagonal pyramid | cone | triangular prism

VF

12a. Use >, < or = to complete the statements below.

number of faces in three cubes ☐ number of edges in a hexagonal pyramid

number of curved edges in three cylinders ☐ number of faces in a cube

VF

12b. Use >, < or = to complete the statements below.

number of edges on a pentagonal prism ☐ number of edges on a cuboid

number of triangular faces on a square based pyramid ☐ number of vertices in six cones

VF

Varied Fluency
Recognise and Describe 3D Shapes

Developing

1a. False, a cuboid has 6 faces.
2a. It is a sphere
3a. Cylinder, sphere
4a. > and <

Expected

5a. True
6a. 2 edges, 3 faces
7a. Cuboid, cube
8a. > and >

Greater Depth

9a. True
10a. 7 faces, it is a pentagonal prism
11a. Cube
12a. > and =

Varied Fluency
Recognise and Describe 3D Shapes

Developing

1b. False, a cylinder has no vertices.
2b. 5 vertices, 8 edges
3b. Square based pyramid, cube
4b. > and =

Expected

5b. False, a cube has 6 faces.
6b. 6 edges, 4 faces
7b. Cone, square based pyramid
8b. > and =

Greater Depth

9b. False, a cuboid has 8 vertices.
10b. 10 edges, it is a pentagonal based pyramid.
11b. Hexagonal pyramid
12b. > and <