# **3D Objects**

Complete the information about each 3D object

1	<ul> <li>This is a</li> <li>It has flat faces.</li> <li>Each face is a</li> <li>It has edges and corners.</li> </ul>
2	<ul> <li>This is a</li> <li>It has flat faces.</li> <li>Each face is a or a</li> <li>It has edges and corners.</li> </ul>
3	<ul> <li>This is a</li> <li>It has flat faces.</li> <li>4 faces are and 1 face is a</li> <li>It has edges and corners.</li> </ul>
4	<ul> <li>This is a</li> <li>It has flat face/s and curved face/s.</li> <li>The flat faces are and the curved face is a</li> <li>It has curved edges.</li> </ul>
5	<ul> <li>This is a</li> <li>It has flat face/s and curved face/s.</li> <li>The flat face is a</li> <li>It has edge/s and corner/s.</li> </ul>
6	<ul> <li>This is a</li> <li>It has curved face/s.</li> <li>It has edges and corners.</li> </ul>

cube cone cylinder pyramid cuboid sphere

MSS2/E2.1 recognise and name 2-D and 3-D shapes. MSS2/E2.2 describe the properties of common 2-D and 3-D shapes. MSS2/E3.1 sort 2-D and 3-D shapes to solve practical problems using properties (e.g. lines of symmetry, side length, angles). © Maggie Harnew, July 2006.

# Answers

#### 1

- This is a cube.
- It has 6 flat faces.
- Each face is a square.
- It has 12 edges and 8 corners.

# 2

- This is a cuboid.
- It has 6 flat faces.
- Each face is a rectangle or a square.
- It has 12 edges and 8 corners.

# 3

- This is a (square based) pyramid.
- It has 5 flat faces.
- 4 faces are triangles and 1 face is a square.
- It has 8 edges and 5 corners.

## 4

- This is a cylinder.
- It has 2 flat faces and 1 curved face.
- The flat faces are circles and the curved face is a rectangle.
- It has 2 curved edges.

## 5

- This is a cone.
- It has 1 flat face and 1 curved face.
- The flat face is a circle.
- It has 1 edge and 1 corner.

## 6

- This is a sphere.
- It has 1 curved face.
- It has 0 edges and 0 corners.