Recognise and Describe 3D Shapes

1. Match the shapes to the correct descriptions.
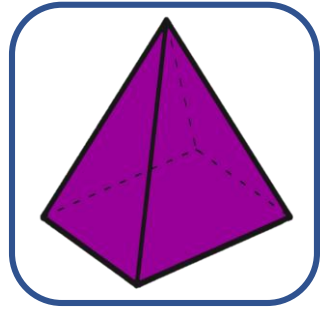
1
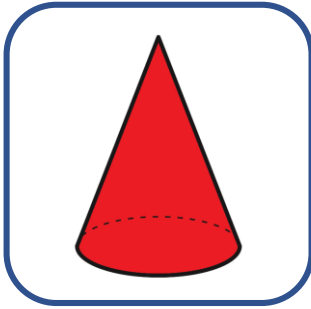
2
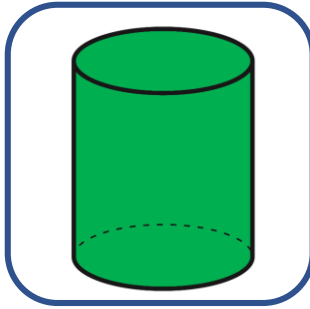
3

A
5 faces
8 edges
5 vertices

B
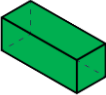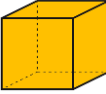1 curved surface
1 circular base
1 edge
1 vertex

C
1 curved surface
2 faces
2 curved edges
0 vertices

D

VF
HW/Ext

2. Complete the table.

	Number of faces/surfaces	Number of edges	Number of vertices
cuboid			
sphere			
cube			

D

VF
HW/Ext

3. Cameron is thinking of a shape. Claire is trying to guess the shape.

My shape has 1 curved surface, no edges and no vertices.

Cameron

It must be a cylinder.

Claire

Could Claire be correct? Explain your answer.

D

RPS
HW/Ext

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Homework/Extension – Recognise and Describe 3D Shapes – Year 3 Developing
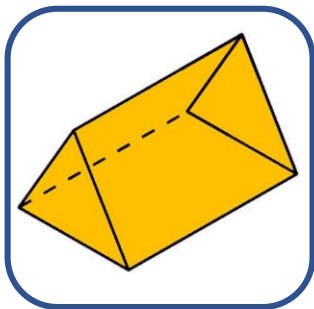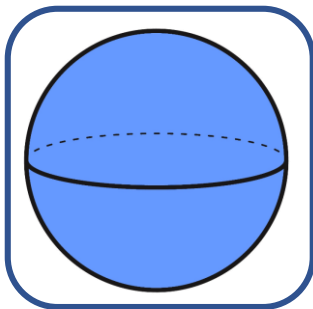
Recognise and Describe 3D Shapes

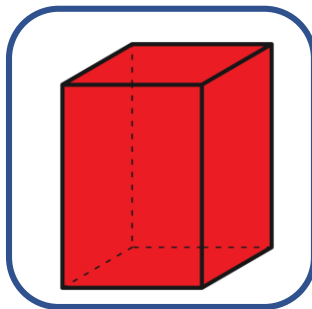**4. Match the shapes to the correct descriptions.**

1

2

3

A

1 curved surface
0 edges
0 vertices

B

6 faces
12 edges
8 vertices

C

5 faces
9 edges
6 vertices

VF
HW/Ext

5. Complete the table.

	Number of faces/surfaces	Number of edges	Number of vertices
triangular-based pyramid			
square-based pyramid			
cylinder			

VF
HW/Ext

6. Thali is thinking of a shape. Jane is trying to guess the shape.

Thali

My shape has 6 faces, 12 edges and 8 vertices.

It must be a cuboid.

Jane

Could Jane be correct? Explain your answer.

RPS
HW/Ext

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Homework/Extension – Recognise and Describe 3D Shapes – Year 3 Expected