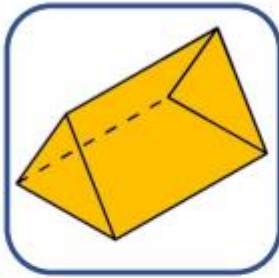


Yellow Chilli Challenge

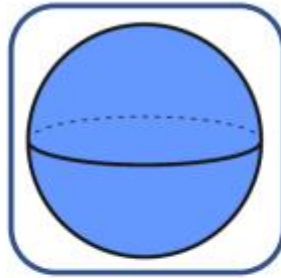
Recognise and Describe 3D Shapes

4. Match the shapes to the correct descriptions.

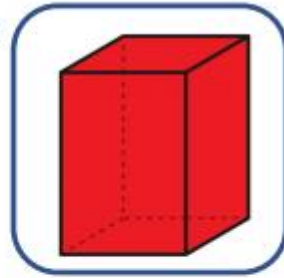
1



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.

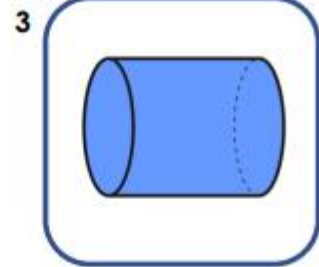
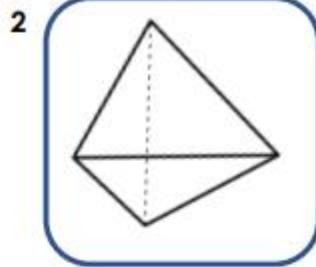
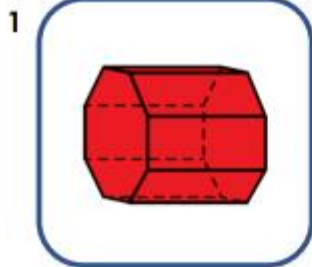


RPS
HW/Ext

Red Chilli Challenge

Recognise and Describe 3D Shapes

7. Match the shapes to the correct descriptions.



A
3 faces
2 edges
0 vertices

B
10 faces
24 edges
16 vertices

C
4 faces
6 edges
4 vertices



VF
HW/Ext

8. Complete the table.

	Number of faces/surfaces	Number of edges	Number of vertices
pentagonal prism			
hexagonal prism			
octahedron			



VF
HW/Ext

9. Georgia is thinking of a shape. Andy is trying to guess the shape.



Georgia

My shape has 4 faces, 4 vertices and 6 edges.

It must be a square-based pyramid.



Andy

Could Jane be correct? Explain your answer.



RPS
HW/Ext