3D Shape Label Matching Answers
Cut out the names of the shapes and match them to the correct shape.

|  | Culinder |
| :---: | :---: |
|  | Sphere |
|  | Cuboid |

3D Shape Properties Table Answers
Cut out the 3D shapes and sort them into the table below.


## 3D Shape Properties Table

Look carefully at the properties of these 3D shapes. Write your results in the table.

| 3D Shape | Number of <br> Straight Edges | Number of <br> Curved Edges | Number of <br> Vertices | Does it roll? | Does it Stack? |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Cube | 12 | 0 | 8 | No | Yes |
| 0 Cylinder | 0 | 2 | 0 | Yes | Yes |
| Cuboid | 12 | 0 | 8 | No | Yes |
| Sphere | 0 | 0 | 0 | Yes | No |
| Cone | 0 | 1 | 1 | Yes | No |
| Square- <br> Based <br> Pyramid | 8 | 0 | 5 | No | No |

The results tell me that many 3D shapes have different properties. However, a cube and a cuboid have similarities because they both have the same number of vertices and edges. Also, a cylinder is the only 3D shape that can both stack and roll.

## 3D Shapes and Their Faces

1. A square-based pyramid has 5 faces.
2. The faces are: 4 triangles and 1 square.
3. Draw the faces below:

4. Look at the nets below. What 3D shapes do they make when folded?


This net makes a cylinder.


This net makes a cube.
5. A cuboid has 6 faces.
6. The faces are: 4 rectangles and 2 squares.
7.


