

## 2D Shapes

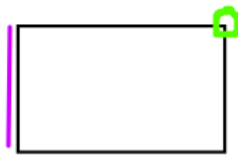
2D shapes have only two dimensions. This means they have only two properties:

- 1) sides
- 2) vertices (corners)

Examples of 2D shapes are squares, rectangles, triangles, and pentagons.

sides - 4

vertices - 4



## 3D Shapes

3D shapes have three dimensions. This means they have three properties:

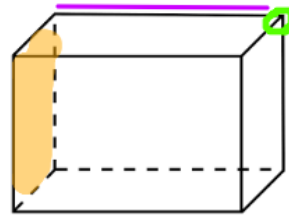
- 1) faces
- 2) edges
- 3) vertices (corners)

Examples of 3D shapes are cubes, spheres, square-based pyramids, and triangular prisms.

edges - 12

vertices - 8

faces - 6



<https://www.bbc.co.uk/bitesize/topics/zjv39j6>

### Activity 1:

- Complete the table below, filling in the boxes with information on 2D shapes.

Name of 2D Shape	Sides	Vertices	Shape picture
Square			
Rectangle			
Circle			
Triangle			
Pentagon			
Hexagon			

### Activity 2:

- Complete the table below, filling in the boxes with information on 3D shapes.

Name of Shape	Number of Edges	Number of Corners	Shape Picture	Does it Roll?	Does it Stack?
Cube					
Cuboid					
Sphere					
Cylinder					
Triangular Pyramid					

### Activity 3:

- Walk around your house. Make a poster with a list of 6-10 3D items and draw them, along with the shape they are, into your books. Finally, write all the properties (faces, edges and vertices) for each item you've chosen.