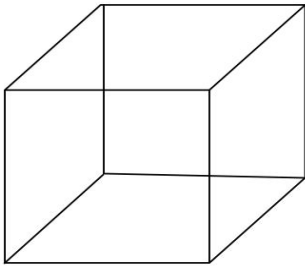


## Year 3 Week 8 Lesson 3 Answers

### Can I classify 3D shapes?

#### 1. Cube



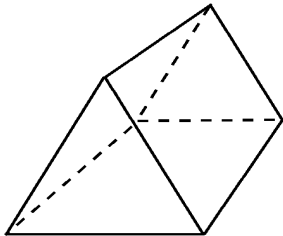
Shapes of faces = **squares**

Number of faces = **6**

Number of edges = **12**

Number of vertices = **8**

#### 2. Triangular prism



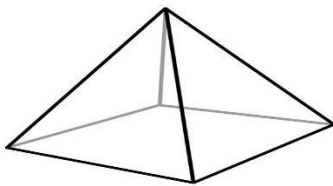
Shapes of faces = **2 triangles 3 rectangles**

Number of faces = **5**

Number of edges = **9**

Number of vertices = **6**

#### 3. Square-based pyramid



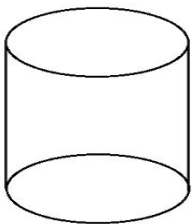
Shapes of faces = **1 square 4 triangles**

Number of faces = **5**

Number of edges = **8**

Number of vertices = **5**

#### 4. Cylinder



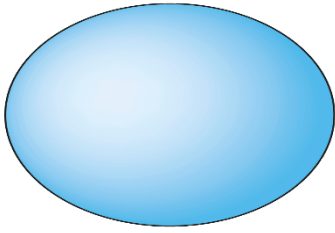
Shapes of faces = **2 circles 1 other**

Number of faces = **3**

Number of edges = **2**

Number of vertices = **0**

5. Sphere



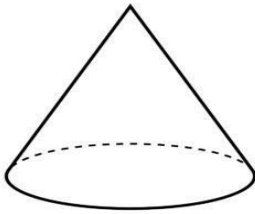
Shapes of faces = other

Number of faces = 1

Number of edges = 0

Number of vertices = 0

6. Cone



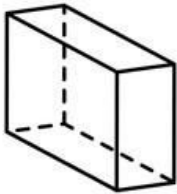
Shapes of faces = 1 circle 1 other

Number of faces = 2

Number of edges = 1

Number of vertices = 1

7. Cuboid



Shapes of faces = rectangles

Number of faces = 6

Number of edges = 12

Number of vertices = 8