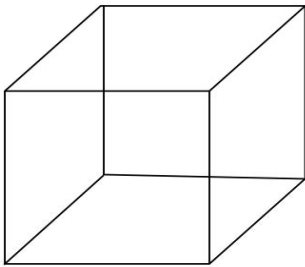


Year 4 Week 8 Lesson 3 Answers

Can I classify 3D shapes?

RED and **YELLOW**

1. Cube



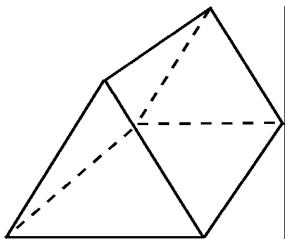
Shapes of faces = **squares**

Number of faces = **6**

Number of edges = **12**

Number of vertices = **8**

2. Triangular prism



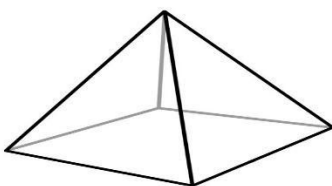
Shapes of faces = **2 triangles 3 rectangles**

Number of faces = **5**

Number of edges = **9**

Number of vertices = **6**

3. Square-based pyramid



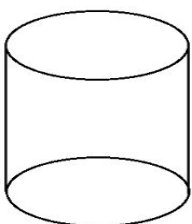
Shapes of faces = **1 square 4 triangles**

Number of faces = **5**

Number of edges = **8**

Number of vertices = **5**

4. Cylinder



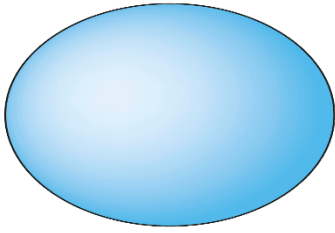
Shapes of faces = **2 circles 1 rectangle**

Number of faces = **3**

Number of edges = **2**

Number of vertices = **0**

5. Sphere



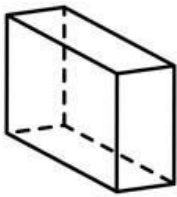
Shapes of faces = other

Number of faces = 1

Number of edges = 0

Number of vertices = 0

6. Cuboid



Shapes of faces = rectangles

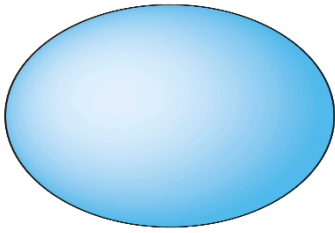
Number of faces = 6

Number of edges = 12

Number of vertices = 8

GREEN

1. Sphere



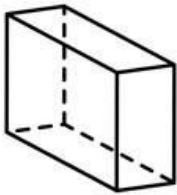
Shapes of faces = **other**

Number of faces = **1**

Number of edges = **0**

Number of vertices = **0**

2. Cuboid



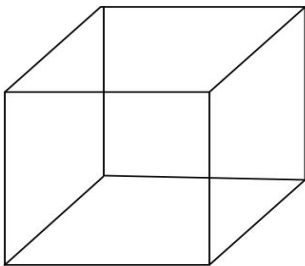
Shapes of faces = **rectangles**

Number of faces = **6**

Number of edges = **12**

Number of vertices = **8**

3. Cube



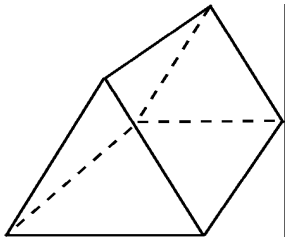
Shapes of faces = **squares**

Number of faces = **6**

Number of edges = **12**

Number of vertices = **8**

4. Triangular prism



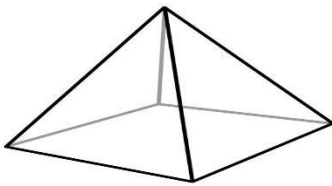
Shapes of faces = 2 triangles 3 rectangles

Number of faces = 5

Number of edges = 9

Number of vertices = 6

5. Square-based pyramid



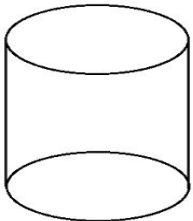
Shapes of faces = 1 square 4 triangles

Number of faces = 5

Number of edges = 8

Number of vertices = 5

6. Cylinder



Shapes of faces = 2 circles 1 rectangle

Number of faces = 3

Number of edges = 2

Number of vertices = 0