

Year 3 Homework Answer:

Module 15: The properties of 3D objects

1.

Triangular prism	Rectangular prism
Cylinder	Square pyramid
Cube	Cone
Sphere	Hexagonal prism

2.

There are 3 types of 3D solids.

3 square pyramids

16 cubes

5 rectangular prisms

3.

Cylinders: 5

Cones: 1

Spheres: 1

4.

Faces: 5 Vertices: 5 Edges: 8	Faces: 1 Vertices: 0 Edges: 0 Curved faces: 1	Faces: 6 Vertices: 8 Edges: 12	Faces: 2 Vertices: 0 Edges: 0 Curved faces: 1
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5.

Trapezium-based prism

6.

Cylinder, cone or sphere

7.

Square pyramid

8.

Circle	Triangle
Pentagon	Rectangle

9.

N/A

10.

N/A

11.

N/A

12.

Triangular pyramid

13.

	Face	Vertices	Edges
Sphere	0	0	0
Rectangular pyramid	5	5	8
Triangular prism	5	6	9
Rectangular prism	6	8	12

14.

12

11

12

15.

Cube

Cylinder

Square pyramid

Cone