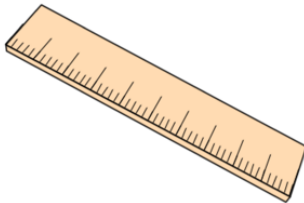Corbettmaths

3D Shapes

Tips
- Read each question carefully
- Attempt every question.
- Check your answers seem right.
- Always show your workings
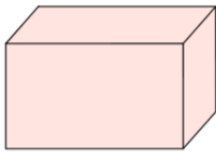
Recap

Remember
- There are daily questions found at
   www.corbettmaths.com/5-a-day/primary

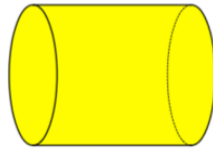1. The names of six 3-D shapes are given below

Cube   Sphere   Triangular Prism
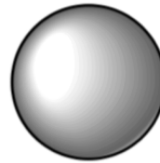
Cuboid   Cylinder   Cone

Three of them are drawn below

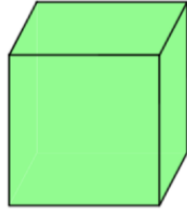A   B   C

What is the name of shape A?

Cuboid

What is the name of shape B?

Cylinder

What is the name of shape C?

Sphere

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2.   Here is a cube.
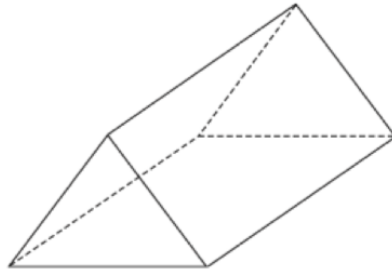
How many faces does a cube have?

6

How many edges does a cube have?

12

How many vertices does a cube have?

8

3. Here is a triangular prism.

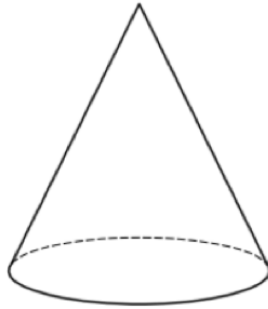How many faces does a triangular prism have?

5

How many edges does a triangular prism have?

9

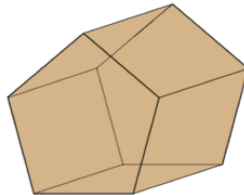How many vertices does a triangular prism have?

6

4. Here is a 3-D shape

What is the name of this 3-D shape?

Cone

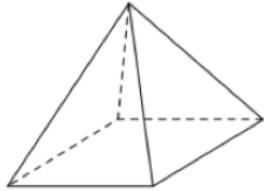5. Here is a pentagonal prism

How many faces does a pentagonal prism have?
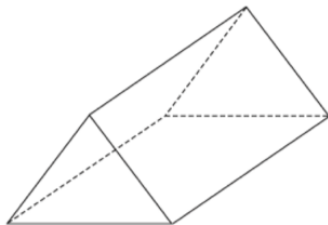
7

6.   Here are some 3-D shapes

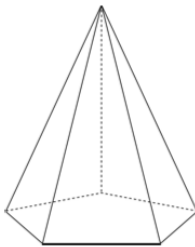Tick each shape that has more vertices than faces

Square-based pyramid   ☐

Cuboid   ✅

Triangular prism   ✅

Pentagonal pyramid   ☐

7.   Chloe has drawn a 3-D shape.

Her shape has 5 vertices.
It has 8 edges.
It has 5 faces.

What 3-D shape has Chloe drawn?

Square based pyramid

8.   Edward has drawn a 3-D shape.

His shape has 6 vertices.
It has 9 edges.
It has 5 faces.

What 3-D shape has Edward drawn?

Triangular Prism