3-D Shapes
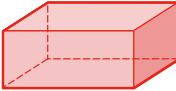
Challenge 1

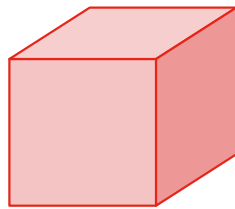PS | **1** Complete this table. Put a ✓ if the property is correct and a ✗ if it is not correct.

Shape	Has Six Faces	Has Circular Faces
cuboid		
cylinder		

4 marks

2 **Vertices** are where two edges meet to make a corner.

a) Mark the **vertices** you can see on this cube.

b) How many edges does the cube have in total?

_____ edges

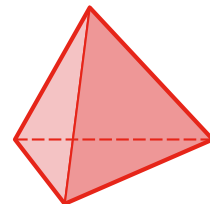c) How many corners does the cube have in total?

_____ corners

3 marks

Marks.........../7

Challenge 2

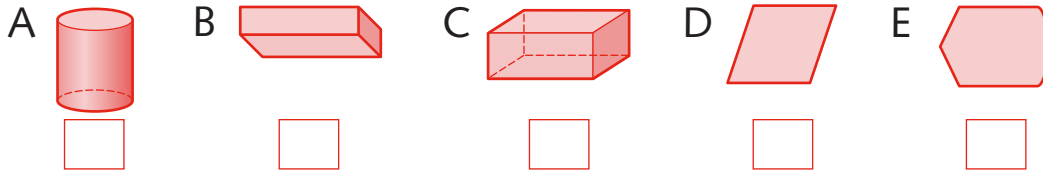**1** This 3-D shape is a pyramid. Write two properties that describe it.

_____ and _____

2 marks

3-D Shapes

2 Tick the shapes that are cuboids.

A   B   C   D   E

☐   ☐   ☐   ☐   ☐

2 marks

Marks.......... /4

Challenge 3

PS **1** Write the name of the 3-D shape.

a) I have no corners or flat faces.

I am a _____.

cube   cuboid

b) I have a square base and four triangular faces. I am

a _____.

cone   cylinder   sphere

c) I have a pointed top and a
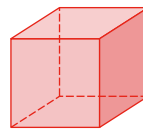
circular face. I am a _____.

triangular-based pyramid   square-based pyramid
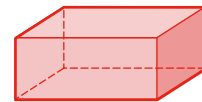
d) I have six rectangular faces. I am not a cube.

I am a _____.

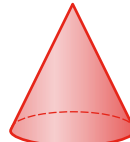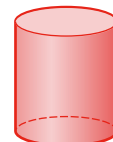e) I have no right-angle corners. I have two circular faces.

I am a _____.
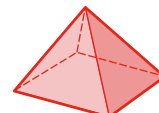
5 marks

Marks.......... /5

Total marks .... /16   How am I doing?   😊 😐 😣

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