

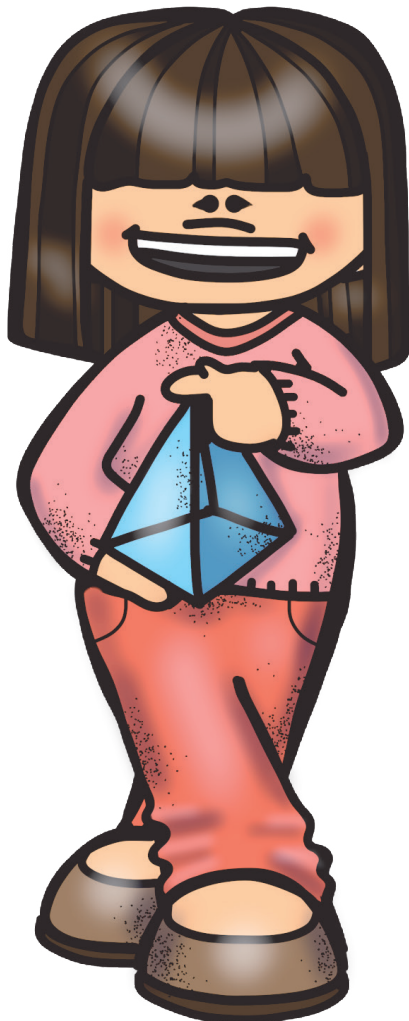
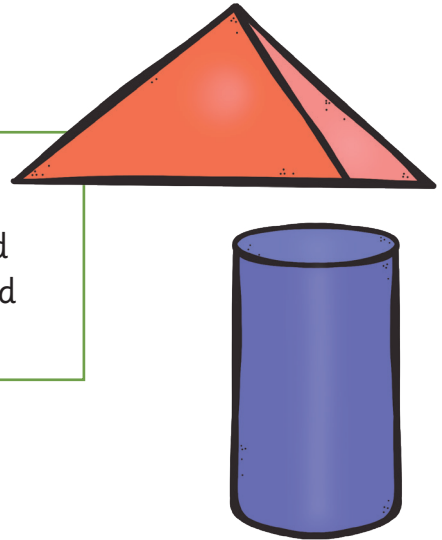
Properties of 3D Shapes

Aims

This worksheet helps children to check their knowledge of the properties of 3D shapes.

You will need

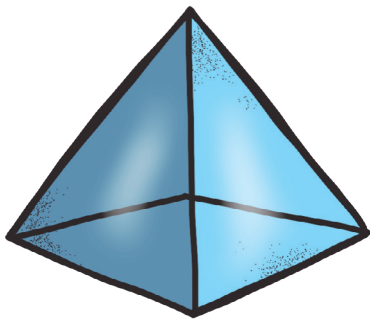
It might help to have solid 3D shapes for the children to look at as they fill in the worksheet — you will need a square-based pyramid, a sphere, a cube, a cuboid and a triangular prism.



Properties of 3D Shapes

Task 1:

Fill in the missing information below.



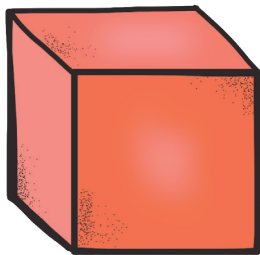
A **square-based pyramid** has...

- ...**5**... faces
- edges
- vertices



Task 2:

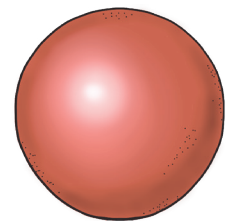
Which of these shapes have **6 faces**? Tick the correct answers.



Cube



Cuboid

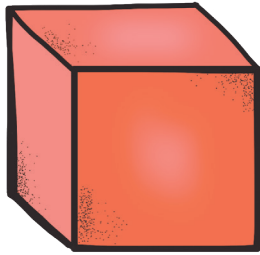


Sphere

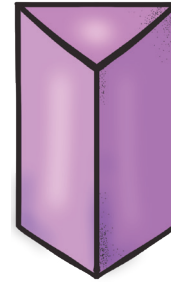
Properties of 3D Shapes

Task 3:

Draw lines to match the pictures of these 3D shapes to the correct sentence.



Cube



Triangular prism

All the faces are the same 2D shape.

The faces are two different 2D shapes.



Task 4:

Ellie says "I am looking at a 3D shape. It has no edges and no vertices." What shape is Ellie looking at? Tick the correct answer.

Cube

Cuboid

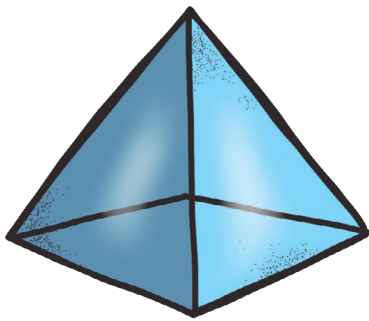
Sphere

Properties of 3D Shapes

Answers

Task 1:

Fill in the missing information below.



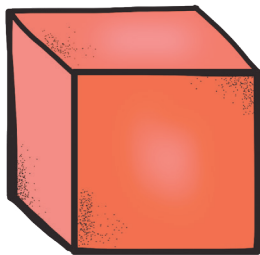
A **square-based pyramid** has...

- ...**5**... faces
- ...**8**... edges
- ...**5**... vertices



Task 2:

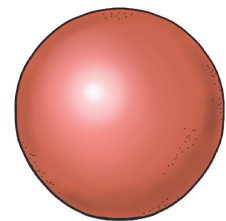
Which of these shapes have **6 faces**? Tick the correct answers.



Cube



Cuboid



Sphere

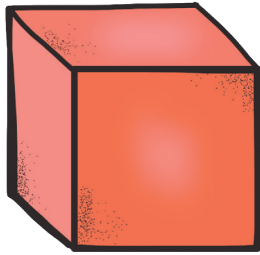


Properties of 3D Shapes

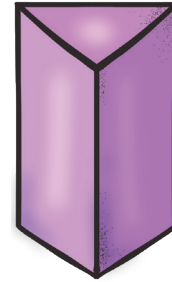
Answers

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Triangular prism

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Task 4:

Ellie says "I am looking at a 3D shape. It has no edges and no vertices." What shape is Ellie looking at? Tick the correct answer.

Cube

Cuboid

Sphere