

This week we are recapping on 2D and 3D shapes.

LO: To identify the properties of 3D shapes and their nets (bronze)

1a. Ben and Chloe have made nets of a square-based pyramid. Check which nets would work and explain any mistakes which have been made.

Ben's wouldn't work because...

Ben Chloe

2a. Lily has not been able to finish this net of a cube. Complete the net for her.

3a. Karl is thinking about 3D shapes.

Is he correct? Explain your answer.

Karl is wrong because...

4 Match the net to the correct label.

5 Ron is drawing the net of this cube.

a) Here is part of his net.

Complete the net.

Answers may vary

b) Complete the net in a different way.

6 Tick the nets that will make a cube.

A C

B D

7 Complete the sentences.

a) The faces of a **cube** are all square.

b) A square-based pyramid has **4** triangular faces and **1** square face.

c) The net of a **cylinder** is made up of 2 circles and a rectangle.

This week we are recapping on 2D and 3D shapes.

LO: To identify the properties of 3D shapes and their nets (silver)

1 Ian, Katya and Tom have made nets of a cylinder. Check which nets would work and explain any mistakes which have been made.

Ian Katya

Tom **Kayla's would work**

2 Doug has not been able to finish this net of a truncated triangular-based pyramid. Complete the net for him.

3 Leia is thinking about 3D shapes.

I will always need a sector of a circle to make a circular-based cone.

Is she correct? Explain your answer.

Leia is right because...

6 Match each net to its 3D shape.

4

The net of a cuboid is made up of 4 rectangles and 2 squares.

Whitney

The net of a cuboid is made up of 6 rectangles.

Rosie

Who do you agree with? Circle your answer.

Whitney Rosie **both of them**

Explain your reasons.

A cuboid can have 2 squares or not

5 Draw the net for a triangular prism on the squared grid.

Answers will vary

7 Here is the net of a cube. The net is made into a cube. Which two corners will meet the corner marked with a? Mark them with a cross.

This week we are recapping on 2D and 3D shapes.

LO: To identify the properties of 3D shapes and their nets (gold)

1 Flo, Anna and Stu have made nets of a cube with a truncated square-based pyramid on top. Check which nets would work and explain any mistakes which have been made.

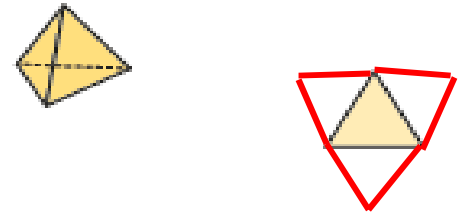
Stu's would work

4 Draw an accurate net for this cuboid on the squared grid.

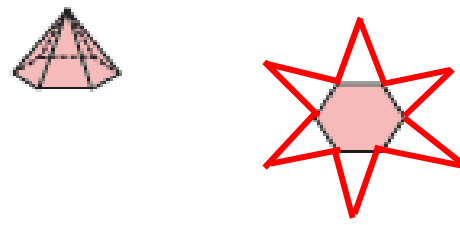
Answers will vary

2 Nicki has only drawn the base for a net of this 3D shape. Complete the net for her.

5 a) Complete a drawing of the net for the tetrahedron.



b) Draw the net of this hexagonal pyramid.



3 Rohit is thinking about 3D shapes.

Is he correct? Explain your answer.

Rohit is wrong because...

6 Tick the diagram that is the net of a cone.

7 Which of these shapes is the net of a prism? Tick your answer. Talk about your reasoning with a partner.