

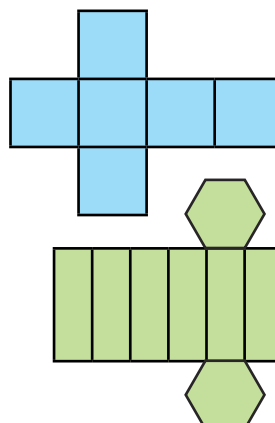


- 1) a) Give a definition of a net in one sentence.

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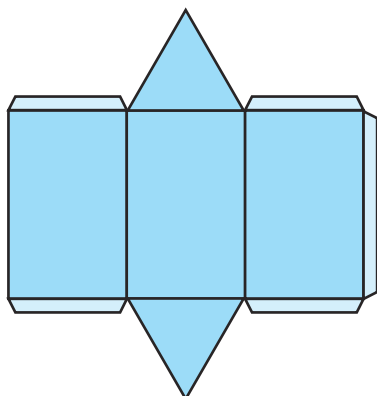
- b) Match the nets of 3D shapes to their correct names. Some names won't be needed.

cube
rectangular based pyramid
hexagonal prism
tetrahedron



- 2) a) When assembled, what 3D shape does this net make?

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- b) How many faces does the assembled 3D shape have?  
Describe them.

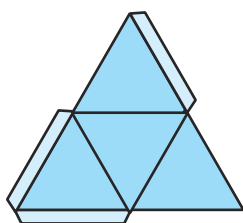
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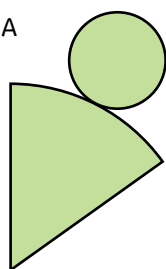
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- 3) When assembled, what 3D shape does this net make? \_\_\_\_\_

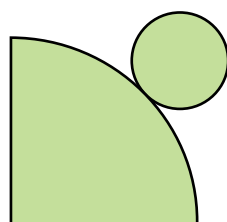


- 4) Which of these nets would make a cone? Circle the correct answer.

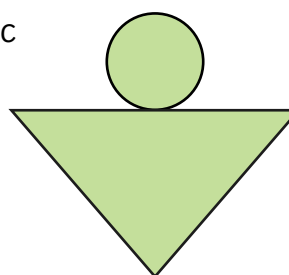
A



B

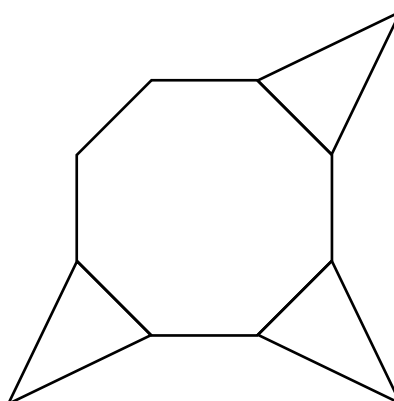


C





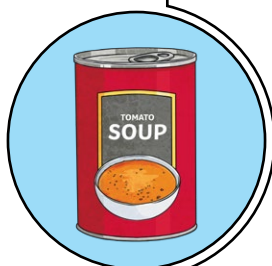
- 1) Mandy is attempting to create a net of an octagonal based pyramid. Complete the net.



- 2) Year 6 are discussing nets of shapes.



You cannot make a net of the soup can because it is curved.



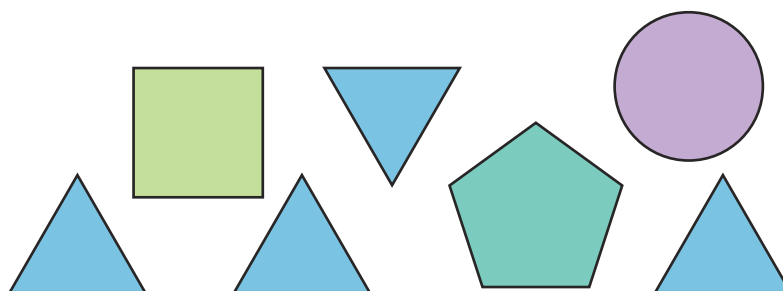
Do you agree with Hamed? Draw a net to support your explanation.



- 3) Tariq is discussing the possibility of constructing a net from these 2D shapes.



It is impossible to make a net for a 3D shape using the shapes I have.



Do you agree with Tariq? If not, draw a net to support your reasoning.



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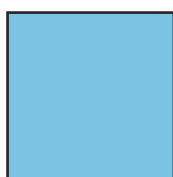
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- 1) Here is part of a net from a 3D shape. Which 3D shape could it be? Find as many examples as you can, explaining how you know.



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- 2) Here is part of a net from a 3D shape. Which 3D shape could it be? Find as many examples as you can, explaining how you know.



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- 3) Year 6 are discussing the way in which nets of cubes are created.



Any net made with 6 squares can be folded to make a cube.

Nets of cubes can be made using 6 squares, but only in particular orders.



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- 4) Shawn is discussing nets of 3D shapes.

Shawn is incorrect. Draw as many nets as you can to prove this.

You cannot make a net of a 3D shape using less than five 2D shapes as faces.

