

# Nets of 3D Shapes

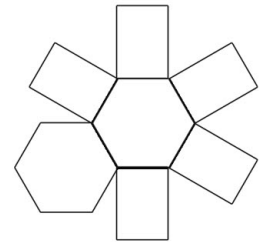
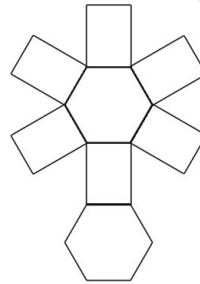
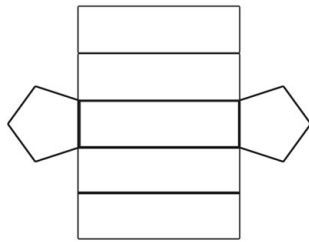
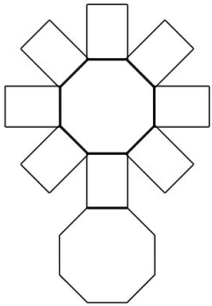
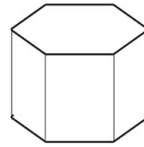
## Maths Strategy:

When looking at the net of a 3D shape, use your hands to help you imagine that you are folding it together. You can also 'open' a 3D shape back up to make its net.

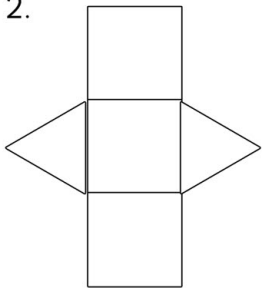
## Handy Tip!

Look carefully at the number of the faces that make up the net and the shape of these. Some nets will not fold together to make a 3D shape.

1. Which of the following nets would fold to make this 3D shape?  
Ring the correct answer.



2. Hamad made this net.  
What 3D shape will it make?



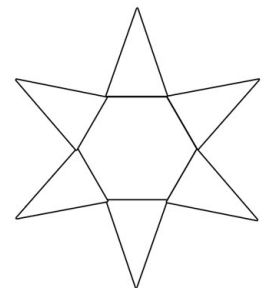
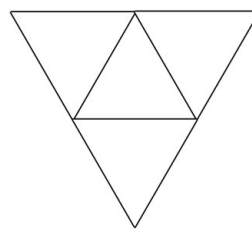
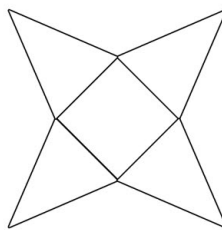
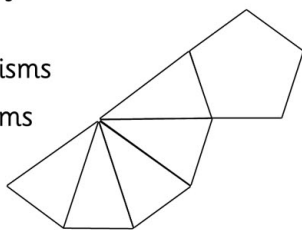
- A rectangular prism
- A square-based prism
- A triangular prism
- A triangular-based pyramid

3. The net of an octagonal prism will be made of:

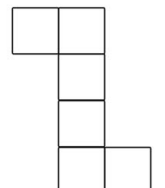
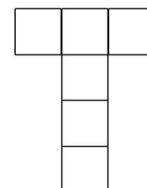
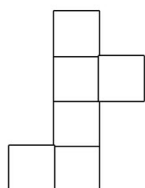
- 6 octagons and 6 rectangles.
- 8 octagons and 2 rectangles.
- 2 octagons and 6 rectangles.
- 2 octagons and 8 rectangles.

4. These nets will all fold to make:

- rectangular prisms
- triangular prisms
- pyramids
- cubes



5. Which net does not make a cube?  
Ring the correct answer.

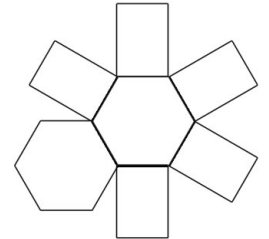
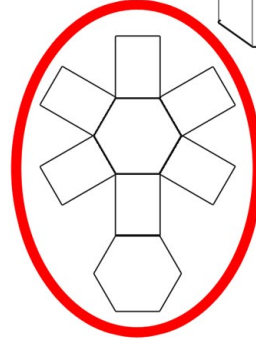
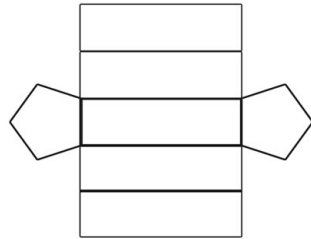
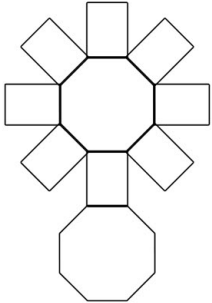
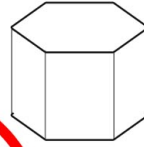


## Maths Challenge:

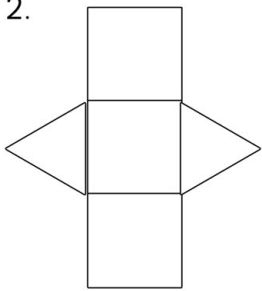
Now have a go at drawing nets for the following shapes: triangular based pyramid, hexagonal based pyramid, triangular prism and hexagonal prism.

# Nets of 3D Shapes Answers

1. Which of the following nets would fold to make this 3D shape?  
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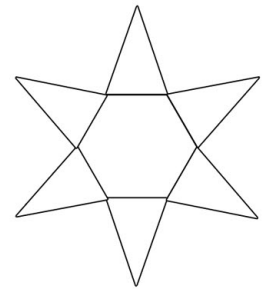
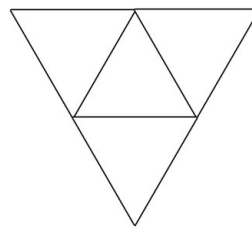
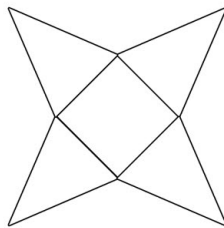
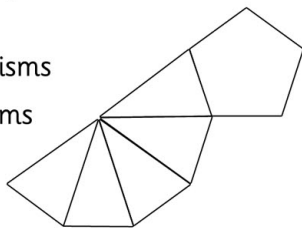
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