

Nets of 3D Shapes

Maths Strategy:

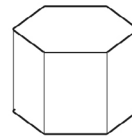
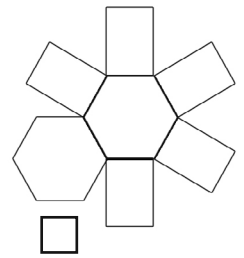
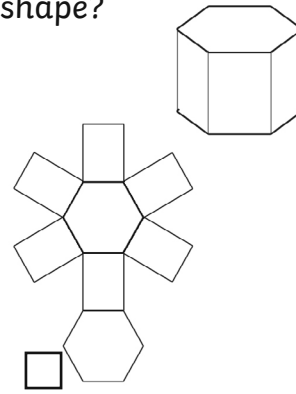
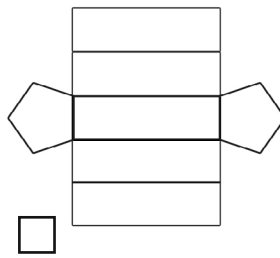
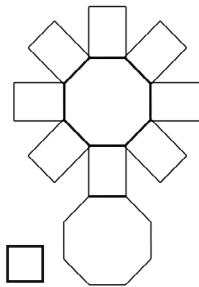
When looking at the net of a 3D shape, use your hands to help you imagine that you are folding it together. You can also 'open' a 3D shape back up to make its net.

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.

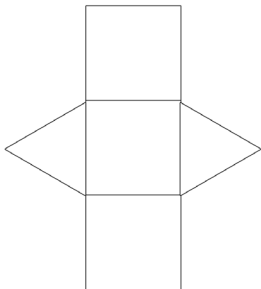
1. Which of the following nets would fold to make this 3D shape?

Tick the correct answer



2. Hamad made this net.

What 3D shape will it make?



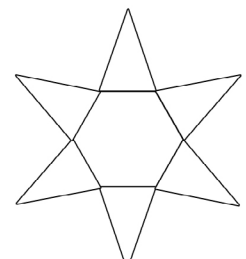
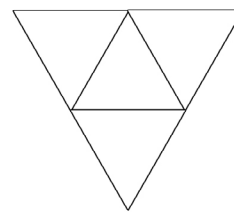
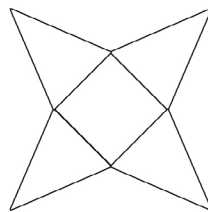
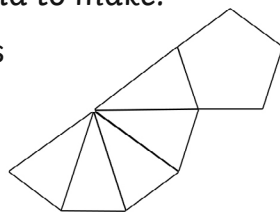
- ☐ A rectangular prism
- ☐ A square based prism
- ☐ A triangular prism
- ☐ A triangular-based pyramid

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.

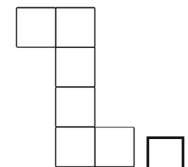
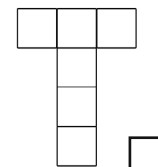
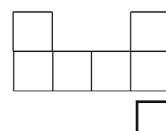
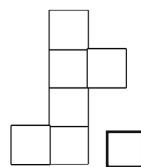
4. These nets will all fold to make:

- ☐ rectangular prisms
- ☐ triangular prisms
- ☐ pyramids
- ☐ cubes



5. Which net does not make a cube?

Ring tick 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.