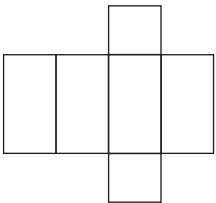
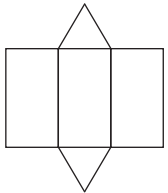
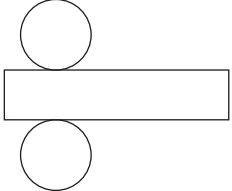
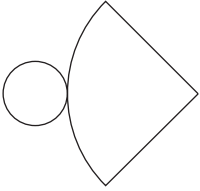
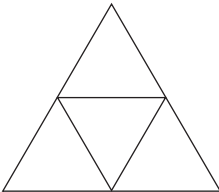
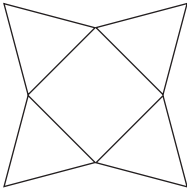
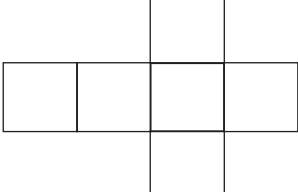


Nets of 3D Shapes **Answers**

1. Complete the table by writing the correct name of the 3D shape for each net.

Net	Name of 3D Shape
	<p style="text-align: center;">Cuboid</p>
	<p style="text-align: center;">Triangular Prism</p>
	<p style="text-align: center;">Cylinder</p>
	<p style="text-align: center;">Cone</p>
	<p style="text-align: center;">Tetrahedron or Triangular-Based Pyramid</p>
	<p style="text-align: center;">Square-Based Pyramid</p>
	<p style="text-align: center;">Cube</p>

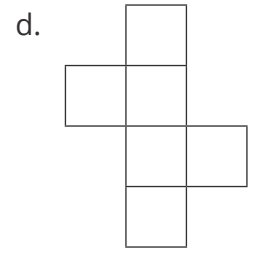
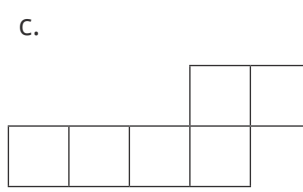
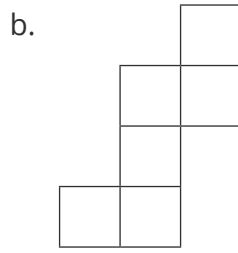
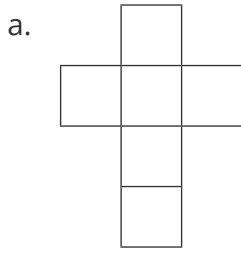
2. Match each net to its correct name.

The image shows three nets of a cube, each consisting of six squares arranged in a cross pattern. The top net has a 1x4 horizontal row of squares, with a 2x2 square block attached to the top of the second square from the left. The middle net has a 2x4 horizontal row of squares, with a 2x2 square block attached to the top of the second square from the left. The bottom net has a 3x4 horizontal row of squares, with a 2x2 square block attached to the top of the second square from the left. To the right of the nets are three rectangular boxes containing the text: "Square-Based Cuboid", "Cuboid", and "Cube". Lines connect the top net to "Cuboid", the middle net to "Cube", and the bottom net to "Square-Based Cuboid".

3. Match each triangular prism to its correct net.

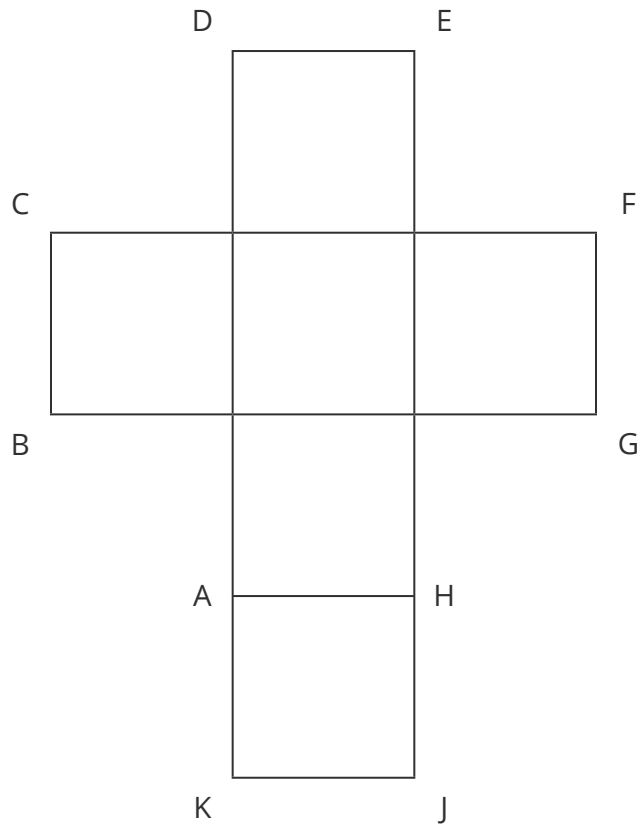
The image shows three 3D triangular prisms and three nets. The top prism is a tall triangular prism with a long rectangular side face. The middle prism is a short triangular prism with a wide rectangular side face. The bottom prism is a tall triangular prism with a long rectangular side face, similar to the top one but with a different perspective. To the right are three nets, each consisting of a central rectangle and two triangles attached to its top and bottom edges. The top net has a tall rectangle and two triangles. The middle net has a wide rectangle and two triangles. The bottom net has a tall rectangle and two triangles. Lines connect the top prism to the middle net, the middle prism to the top net, and the bottom prism to the bottom net.

4. Which net does not make a cube when folded?



C

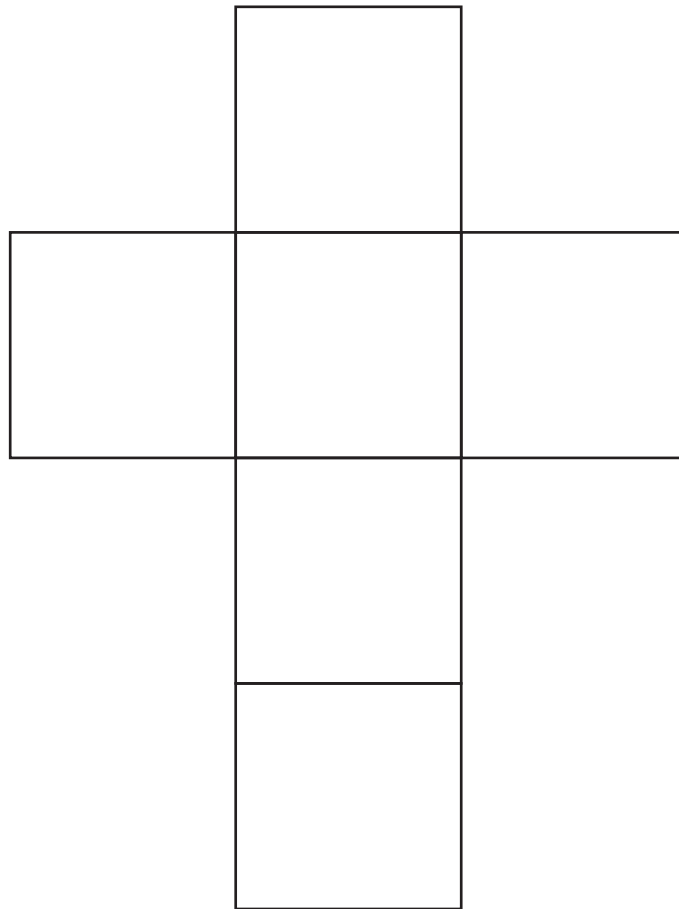
5. Give **one** letter which touches vertex A when folded to make a cube.



B

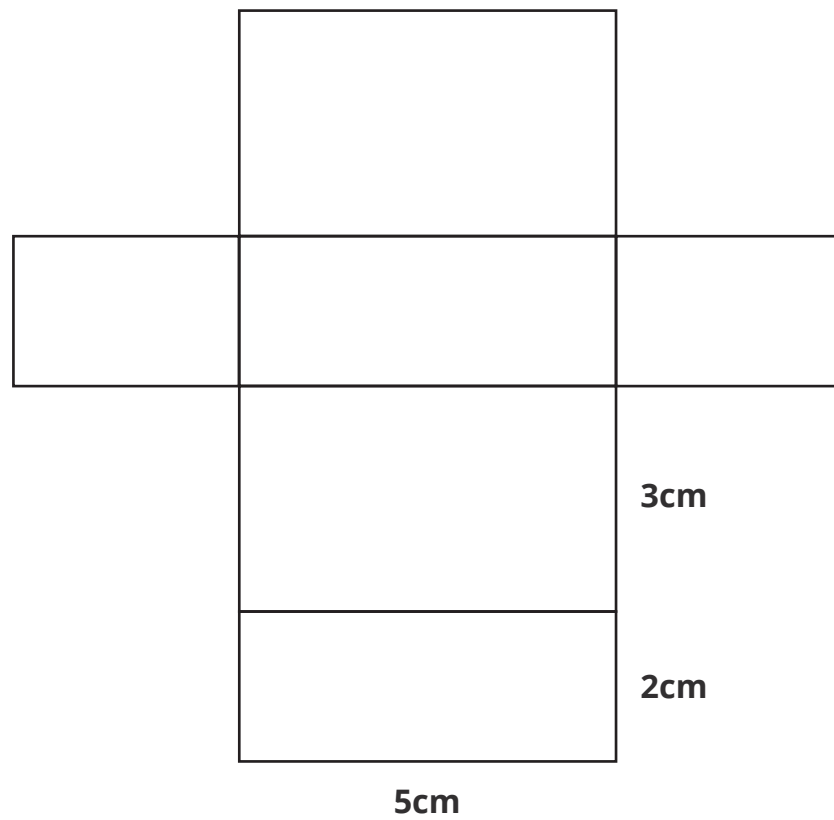
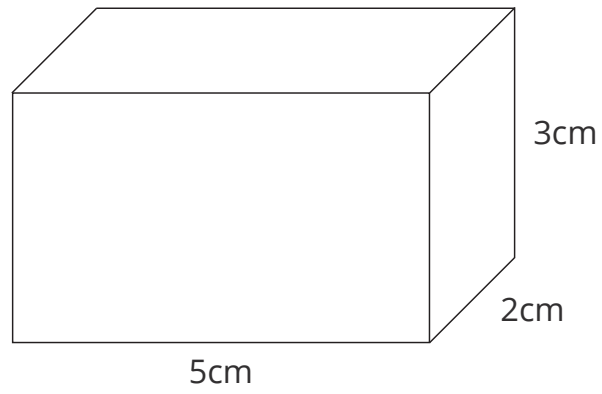
Challenge

- a. Draw an accurate net of a cube with a side length of 3cm.



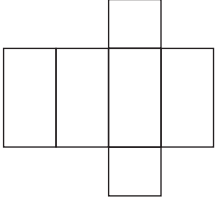
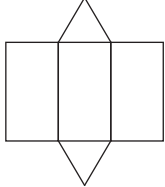
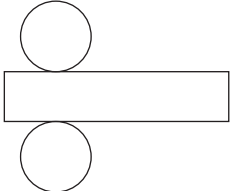
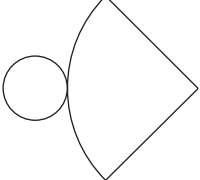
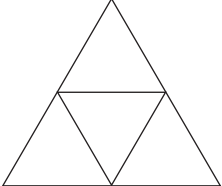
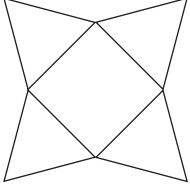
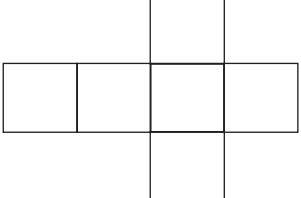
Other examples may be correct, so long as all measurements are 3cm.

b. Draw an accurate net of the cuboid shown below.

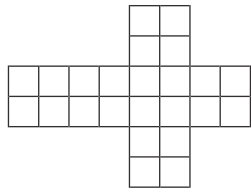


Nets of 3D Shapes

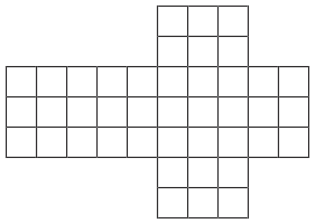
1. Complete the table by writing the correct name of the 3D shape for each net.

Net	Name of 3D Shape
	
	
	
	
	
	
	

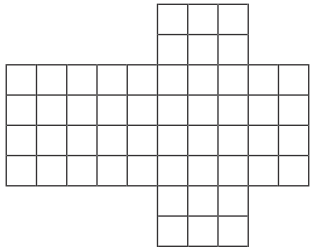
2. Match each net to its correct name.



Square-Based
Cuboid

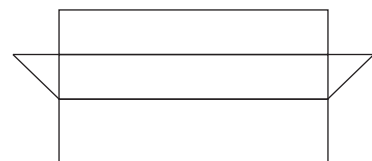
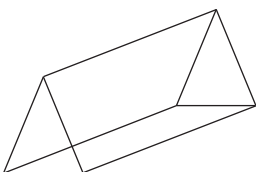
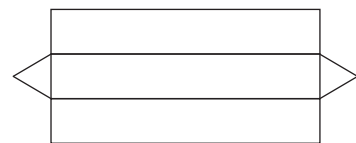
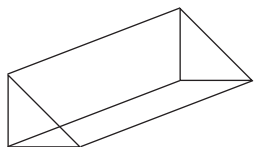
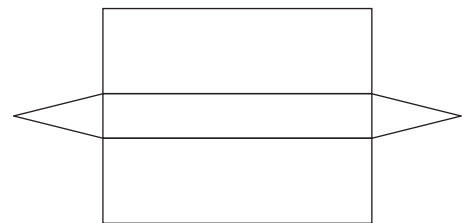
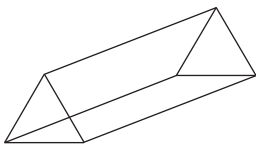


Cuboid

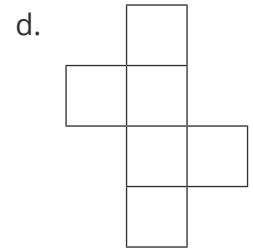
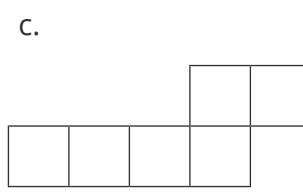
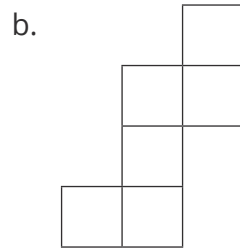
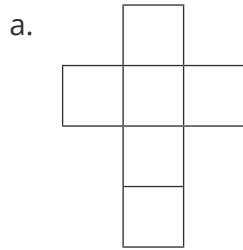


Cube

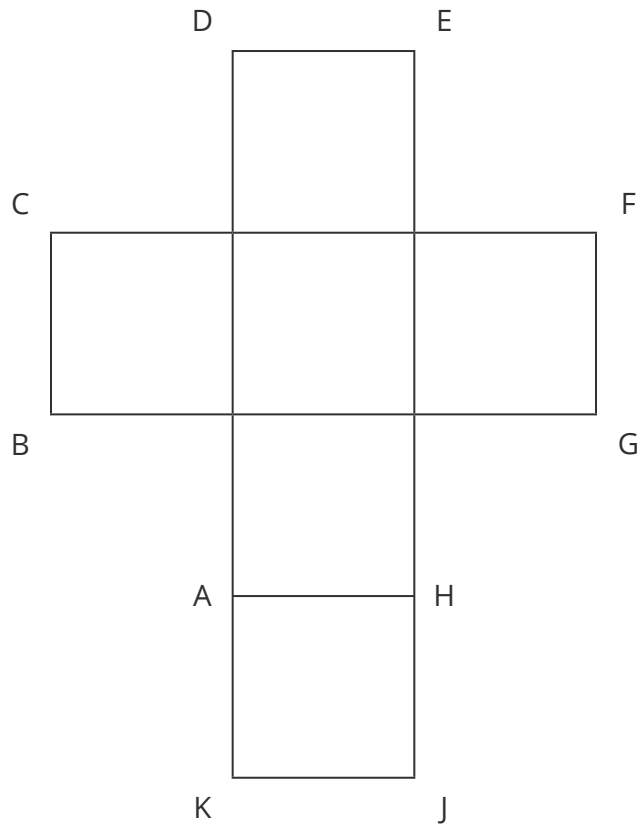
3. Match each triangular prism to its correct net.



4. Which net does not make a cube when folded?



5. Give **one** letter which touches vertex A when folded to make a cube.

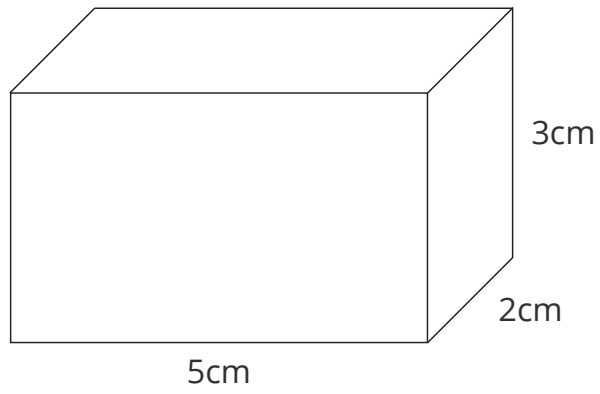


Challenge

- a. Draw an accurate net of a cube with a side length of 3cm.



b. Draw an accurate net of the cuboid shown below.



A large empty rectangular box provided for drawing the net of the cuboid.