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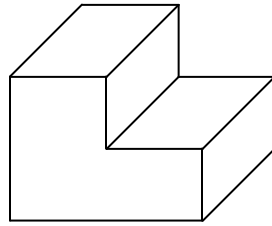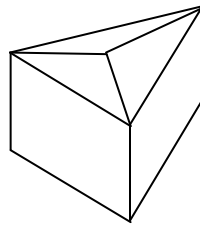**= Year 5/6** **= Space** **= Worksheet 2**

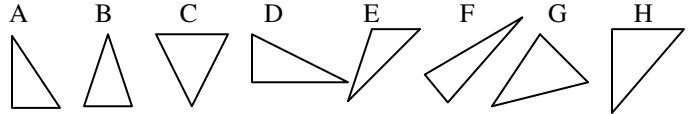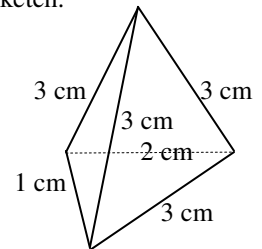|	
1. Count (including the hidden ones) the number of vertices and the number of faces on the prism shown in the following drawing.	2. Use red colour to fill in two faces that are parallel and of the same size in the drawing in Q1. Use blue colour to fill in another two faces that are parallel and of the same size in the same drawing.
3. How many triangular and how many rectangular faces are there on the solid with a flat base shown in the drawing below? Include the hidden ones in your count.	4. Classify the following triangles into three groups according to properties. State the property of each group.

Group	Property	Triangles
1		
2		
3		

5. Construct a net to build a cube of 2-cm side length.	6. Construct a net to build a 1 cm × 2 cm × 3 cm cuboid.
7. Construct a net to build a 4-cm long triangular (2 cm long each side) prism.	8. Construct a net to build a pyramid with a triangular base. The measurements are shown in the sketch.
9. Construct a different net to build the same pyramid as shown in Q8.	Numerical, algebraic and worded answers.

1. 12 vertices, 8 faces
3. 4 triangular, 3 rectangular faces
4. Right-angle triangles, A D H
Isosceles (2 equal sides and 2 equal angles) triangles, B C F
Scalene (different sides and different angles) triangles, E, G