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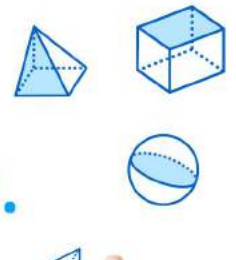

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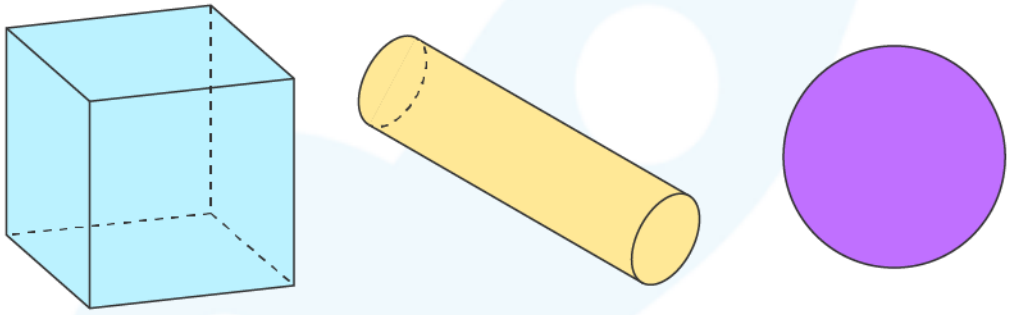
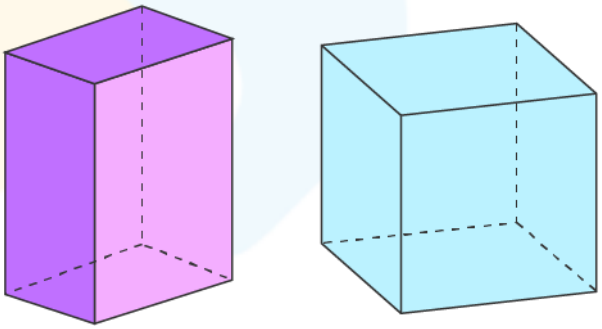
3D Shapes Worksheet- 4

1) Ryan made a solid shape which has 5 faces and 6 vertices. What shape has he made?

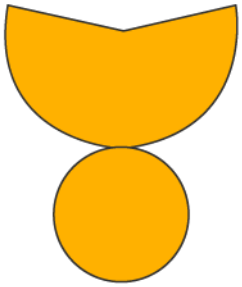
2) Pick the odd one out and state the reasons.



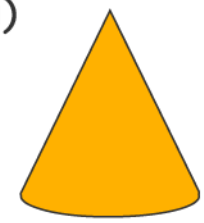
3) What are the differences found in these shapes?



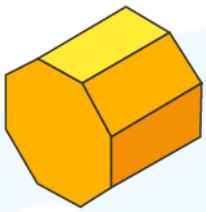
4) Which figure will this net make?



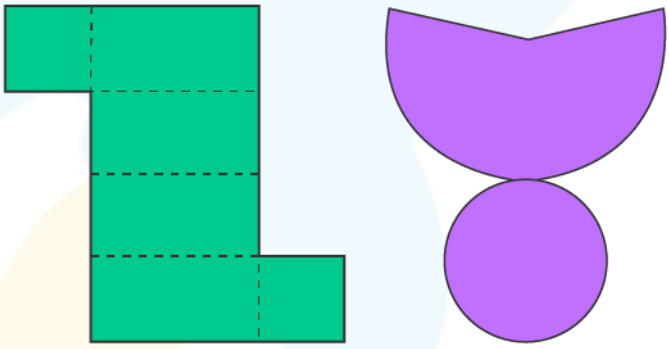
a)



b)



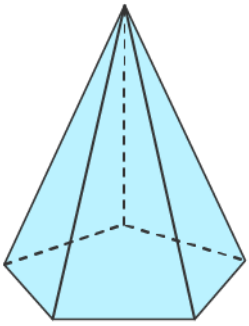
5) Which net will make a cuboid?



6) Ron took a solid shape. It had 1 vertex and 2 faces. What shape did he take?
a) Cylinder b) cone c) cuboid

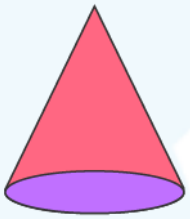
7) Sharon made a 3d shape out of a cardboard. It has 6 square faces. Which shape could she have made?
a) Cube b) triangular prism c) cone

8) Identify the shape.



This shape is made of _____ triangles.
It is made of triangles and a _____.
Faces = ____
Vertices =____
Edges = ____

9) How many faces does the shape have?



a) 3 b)2 c)4

10) This shape is a _____.It has _____ faces, _____ edges and _____ vertices.

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ANSWERS

1)	Triangular prism
2)	A cube has a flat face
3)	A cube has 6 square flat faces, whereas a cuboid has 6 rectangular faces or 4 rectangular and 2 square faces.
4)	a) cone
5)	a) makes the cuboid
6)	b) cone

7)	a) cube
8)	Pentagonal pyramid 5 triangles Pentagon 6 faces, 10 edges and 6 vertices.
9)	2 faces
10)	Cube has 6 faces 12 edges and 8 vertices.

FUN FACT

1. Cylinder and sphere don't have the pointy bits or the vertices.

2. Did you notice that in the cube and the pyramid, the count of the faces + count of the vertices –count of the edges =2?

3. 11 different nets can be folded to make a cube.