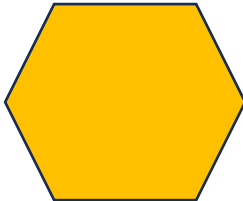
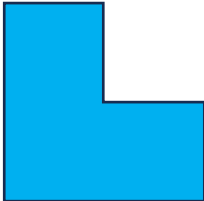


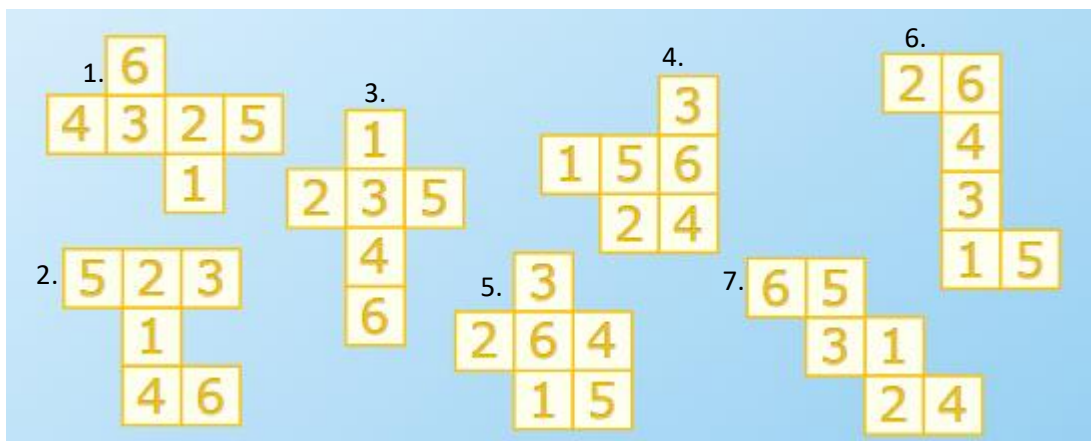
Phase 6 Properties of 2D Shape and 3D Objects

Phase 6 Progression Overview	Assessment Note	Marks
I can create nets of 3D objects using 3D objects to create a template	Observed in classwork	n/a
I can discuss similarities and difference between regular and irregular polygons	Question 1	7
I can create skeletons of a prism and pyramid from a set of measurements	Observed in classwork	n/a
I can draw 2D shapes and representations of 3D objects using square and isometric paper	Observed in classwork	n/a
I can match prisms and pyramids with their nets	Observed in classwork	n/a
I can interpret 2D drawing of 3D models using cubes (ability to build the unseen sections)	Observed in classwork	n/a
I can identify corresponding faces on a 3D model from a net without folding the net (e.g. where would the red face be on a cube)	Question 2	5
I can link features such as rigidity and flexibility to structures (e.g. benefits of 2D shapes and 3D objects in construction)	Observed in classwork	n/a
I can use technology to create 2D shapes and 3D objects and understand that not all parts may be seen Use and understand the terms circumference, radius and diameter to describe a circle	Observed in classwork	n/a
TOTAL MARKS		/12

	Question	Mark
1	I can discuss similarities and difference between regular and irregular polygons Look at these shapes:   Shape A Shape B a.) What does each shape have in common? (1 mark) b.) How are the shapes different? (1 mark) c.) Explain why Shape A is called regular and Shape B is called irregular. (1 mark) d.) Can you draw your own example of a regular pentagon and an irregular pentagon? Label their sides and angles. (4 marks- correct drawings (2), description (2))	

7

- 2 I can identify corresponding faces on a 3D model from a net without folding the net (e.g. where would the red face be on a cube)



Look at these nets. 4 of the nets will fold to make a cube. 1 of these will make the correct formation of a die.

a.) Write the number of the nets that fold to make a cube (4 marks)

b.) Which of the nets would make the correct formation of a die? (Remember the opposite faces on a die add up to 7)