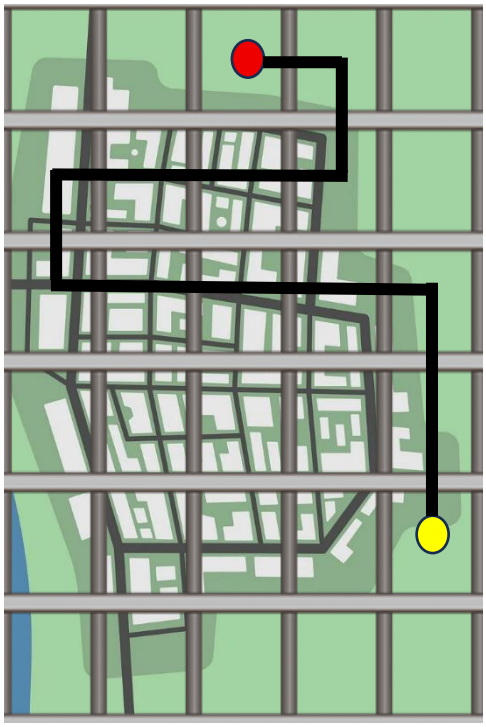
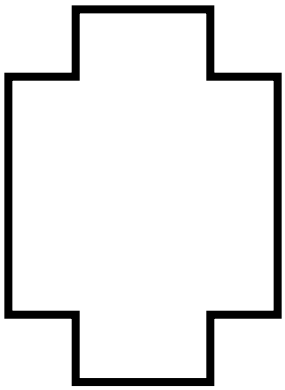
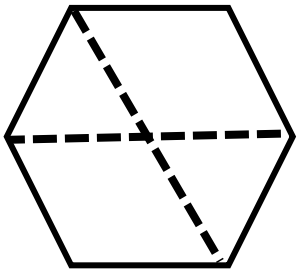
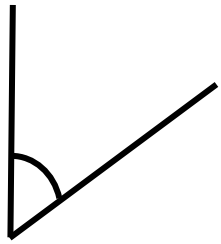
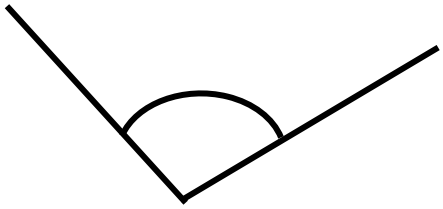
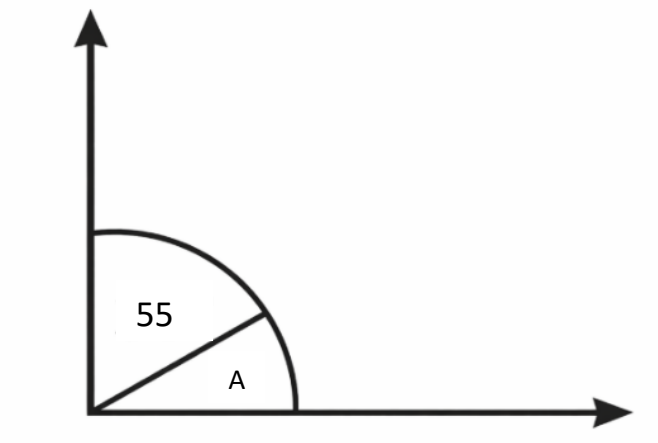
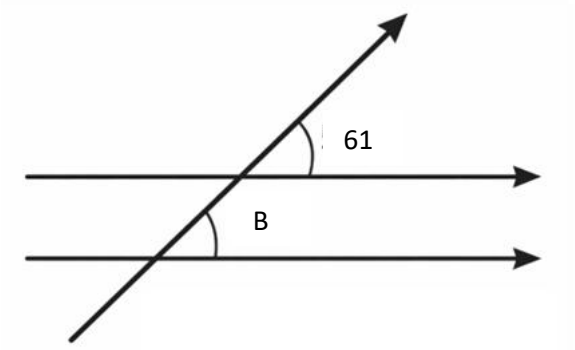
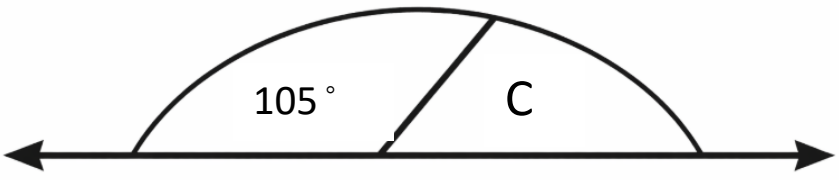
Phase 6 Angle, Symmetry and Transformation Assessment

Phase 6 Progression Overview	Assessment Note	Marks
I can relate angles of 45 degrees to the 8-point compass rose	Question 1	**2**
I can use conventional maps to find location and routes that meet criteria (e.g. safest route, closest post office)	Have you observed the child doing this?	**n/a**
I can record routes that involve turning	Question 2	**2**
I can explore scales	Have you observed the children doing this?	**n/a**
I can identify and describe lines of symmetry in 2D shape	Question 3	**4**
I can take a shape that already tessellates and change it using transformations (slide, flip, turn) to create a new shape that still tessellates	Have you observed the child doing this?	**n/a**
I can produce designs that exhibit a specified symmetry, translation or reflection (e.g. fold paper, use mirror or computer graphic)	Have you observed the child doing this?	**n/a**
I can experiment with protractors to measure angles	Question 4	**Within 5° 2**
I can explore acute, obtuse and reflex angles by comparing to right angles and straight angles	Question 5	**3**
I can explore complementary, corresponding and supplementary angles	Question 6	**3**
		/16

	Question	Mark
1	**I can relate angles of 45 degrees to the 8- point compass rose** a.) What point is 45 degrees clockwise from North? b.) What point is 45 degrees anticlockwise from Southwest?	1 1
2	**I can record routes that involve turning** a.)  Describe how to get from the yellow dot to the red dot.	2

3	**I can identify and describe lines of symmetry in 2D shape** a.) Draw two lines of symmetry in this shape.  Explain why you drew your lines there	2
	b.) Are these all the lines of symmetry in this shape?  Explain your answer	1 1

4	**I can experiment with protractors to measure angles** a.) Use a protractor to measure these angles  b.) 	1 1
5	**I can explore acute, obtuse and reflex angles by comparing to right angles and straight angles** a.) Since a right angle is 90°, an acute angle is _____ b.) Since a right angle is 90°, an obtuse angle is _____ c.) Since a straight angle is 180°, a reflex angle is _____	3

6	**I can explore complementary, corresponding and supplementary angles**	
	a.) 	
	Circle the correct answer for angle A	1
	2° 35° 126°	
	b.) 	
	Circle the correct answer for angle B	
	66° 118° 10°	1
	c.) 	
	Circle the correct answer for angle C	
	75° 23° 180°	
		1