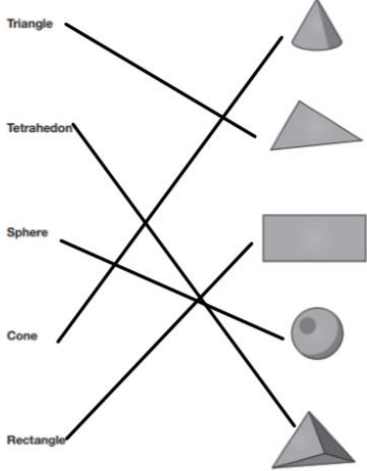
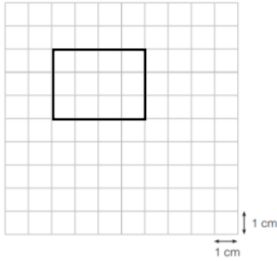
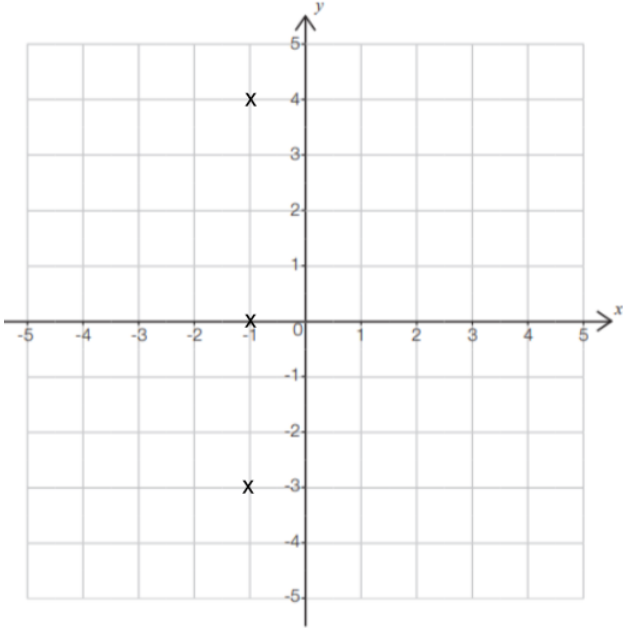


Year 9 Autumn Foundation Mark Scheme

Question	Answer	Marks	Notes and guidance
1	<p>Matches shapes to labels correctly</p> 	2	Award 1 mark for at least two correct.
2	16 or 64	1	Allow both.
	13 or 3	1	Allow both.
3	<p>Draws correct diagram e.g.</p> 	2	<p>Could be in any orientation.</p> <p>Allow 1 mark for a rectangle with at least one correct side drawn on the grid.</p>

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4	Indicates 2, 5 and 6 and no extras	2	Accept any clear indication – circle, underlined etc. Award 1 mark for any 2 correct values and no extras OR all 3 correct and one extra
5	Plots the three points correctly 	2	Award 1 mark for any 2 correct points.
	$x = -1$	1	
6	States both values are equal to 6 and says they are equal	2	Award 1 mark for sight of 6 e.g. $6 = 6$
7	9	1	
7	5	1	
7	6	2	Award 1 mark for correct first step e.g. $2y = 12$ or $y + 3.5 = 9.5$

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8	She has read the wrong scale on the protractor	1	Any reasonable explanation. Allow "It should be 55"
	140	1	Allow $\pm 2^\circ$
9	Completes the table with -7 , -3 and -1	2	Award 1 mark for any 2 correct values.
	Plots graph correctly i.e. straight line from $(-2, -7)$ to $(3, 3)$	2	Award 1 mark for 4 or more of their points plotted correctly.
10	10	1	
	A and C or D and E	1	Allow both.
11	6	1	
	150	1	
	1000 cm ³	2	Award 1 mark if either 1000 or cm ³ correct..
12	5	2	Award 1 mark for correct substitution of 5 and 8 into the formula.
13	Circle centre C radius 4 cm drawn	2	Allow ± 2 mm for the radius. Award 1 mark for any attempt at a circle centre C.
	e.g. $5 \neq 3 + 4$	1	Any reasonable explanation e.g. "It should be (3, 7)", "It should be (1, 5)" etc.
15	Angle bisected correctly, with construction lines shown.	2	Award 1 mark for evidence of correct method.
16	9	2	Award 1 mark for any complete correct method to find the area.
	7200	2	Award 1 mark for attempting to multiply their area by 800