

Coordinates

November 2024 Paper 1

Question	Answer	Mark	Mark scheme	Additional guidance
8 (a)	(3, 1)	B1	cao	Accept a cross without label as long as unambiguous. Accept letter B or dot in place of cross.
(b)	<i>B</i> at (3, - 4)	B1	cao	
(c)	(0, 2)	B1	cao	

June 2024 Paper 2

Question	Answer	Mark	Mark scheme	Additional guidance
8 (a)	2, 1	B1	cao	
(b)	0, -2	M1	for an answer of $(0, y)$ where $y \neq -2$ or $(x, -2)$ where $x \neq 0$ or the correct midpoint identified on the grid or $(2 + -2) \div 2$ or $(1 + -5) \div 2$	
(c)	C shown at $(-4, 2)$	A1 C1	cao SCB1 if M0 scored for -2, 0 cao	

June 2022 Paper 2

Question	Answer	Mark	Mark scheme	Additional guidance
8 (a)	3, 2	B1	cao	Allow reasonable hand-drawn attempts
(b)	Point at $(-4, 3)$	B1	cao	
(c)	Circle drawn, centre $(1, -1)$	B2 (B1	fully correct diagram circle drawn with radius 4 cm (any centre) or circle drawn using centre $(1, -1)$ $r \neq 4$ cm)	

June 2020 Paper 1

Question	Answer	Mark	Mark scheme	Additional guidance
8 (a)	(2, 3)	B1	cao	
	(b) (0, -1)	B1	cao	
	(c) C at (-2,1)	B1	cao	If more than one point marked accept if labelled, otherwise not, unless clear

June 2023 Paper 1

Question	Answer	Mark	Mark scheme	Additional guidance
9 (a)	(5, 2)	B1	cao	
(b)	(4, -2) marked	B1	for the point (4, -2) unambiguously marked on the grid	Allow without label, provided unambiguous
(c)	(1, 3)	B1	cao	
(d)	$y = -4$ shown	B1	for correct single line unambiguously marked	Need not be labelled if clear. Accept a single line drawn freehand of any length. Accept a dotted (or dashed) line

November 2022 Paper 3

Question	Answer	Mark	Mark scheme	Additional guidance
9 (a)	$(-1,2)$	B1	cao	
	(1 ,4) marked	B1	for the point (1, 4) unambiguously marked on the grid	need not be labelled if clear
	$y = -3$ shown	B1	for correct line unambiguously marked	need not be labelled if clear accept a line drawn freehand

November 2022 Paper 1

Question	Answer	Mark	Mark scheme	Additional guidance
15	-0.5, 1	M1 A1	for one correct coordinate or midpoint shown on diagram or correct method, eg $\frac{-3+2}{2}$ or $\frac{-2+4}{2}$ or for the coordinates reversed, eg 1, - 0.5 for -0.5, 1 oe	

June 2022 Paper 2

Question	Answer	Mark	Mark scheme	Additional guidance
25	14.5, 21	P1	for process to work with coordinates, eg $4 - (-3) (= 7)$ or $9 - 1 (= 8)$	Accept in reverse order eg $-3 - 4 (= -7)$ and negative distances throughout
		P1	for process to use ratio, eg $"7" \div 2 (= 3.5)$ or $"8" \div 2 (= 4)$ or $"7" \times 3 (= 21)$ or $"8" \times 3 (= 24)$	This mark is implied by 10.5 or 12 or 17.5 or 20
		P1	for complete process to find either the x or the y coordinate of N , eg $"3.5" \times 3 + 4$ or $"4" \times 3 + 9$ or $"3.5" \times 5 - 3$ or $"4" \times 5 + 1$ OR to find both the required distances eg $"3.5" \times 3 (= 10.5)$ and $"4" \times 3 (= 12)$ or $"21" \div 2 (= 10.5)$ and $"24" \div 2 (= 12)$ or $"3.5" \times 5 (= 17.5)$ and $"4" \times 5 (= 20)$	
		A1	oe	