

Coordinates Past Paper Questions (MS)



Q1.

PAPER: 1MA0_1F				
Question	Working	Answer	Mark	Notes
(a)		2, 1	1	B1 cao
(b)		-2, 3	1	B1 cao
(c)		Point marked	1	B1 for point marked at (-3, -1)
(d)		Line $x = 3$ drawn	1	B1 for line $x = 3$ drawn

Q2.

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

Q3.

Question	Answer	Mark	Mark scheme	Additional guidance
(a)	A plotted at (3, 2)	B1	cao	Accept a cross or dot or A written at (3, 2) with or without labelling provided not ambiguous
(b)	(-1, 0)	B1	cao	Could be shown on the diagram

Q4.

Question	Answer	Mark	Mark scheme	Additional guidance
(a)	-2, -1	B1	cao	
(b)	Point at (2, 3)	B1	cao	Allow without label provided unambiguous; allow if the cross is nearer to (2, 3) than other points.
(c)	Line drawn	B1	cao	Label not required; allow hand-drawn line. Allow any length provided intention is clear.



Q5.

Question	Answer	Mark	Mark scheme	Additional guidance
(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	

Q6.

	Working	Answer	Mark	Notes
(a)(i)		(4, 3)	2	B1 cao
(ii)		(-4, -1)		B1 cao
(b)		(0, 1)	2	M1 for (0, 1) marked on the graph or (0, y) or (x, 1) A1 cao

Q7.

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

Q8.

Question	Working	Answer	Notes
a		(4, 5)	B1
b		(1, 4)	B1
c		Correct line	B1

Q9.

Paper 1MA1: 2F			
Question	Working	Answer	Notes
(a)		(0, -1)	B1
(b)		× marked at (3, 0)	B1
(c)		(-0.5, 0.5)	B1