

Q1. (2019)

(A)

15(a)	(0, 3)	B1	
	Additional Guidance		

(B)

15(b)	(-3, 0)	B1	SC1 (-3, 0) in (a) and (0, 3) in (b) or (3, 0) in (a) and (0, -3) in (b)
	Additional Guidance		
	(-3, 0) in (a) and (0, 3) in (b)		(a) 0 (b) SC1
	(3, 0) in (a) and (0, -3) in (b)		(a) 0 (b) SC1

Q2. (2020)

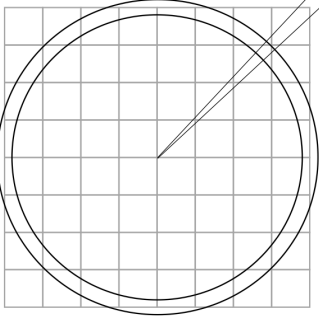
(A)

Q	Answer	Mark	Comments
7(a)	(3, 4)	B1	
	Additional Guidance		
	(3x, 4y)		B0

(B)

Q	Answer	Mark	Comments
7(b)	(0, 8)	B1	SC1 (4, 3) in (a) and (8, 0) in (b)
	Additional Guidance		
	(0x, 8y)		B0

Q3. (2021)

Q	Answer	Mark	Comments
20(a)	Point marked on grid North East of A	B1	$\pm 2^\circ$
	Point marked 4 cm from A	B1	± 2 mm
	Additional Guidance		
			
	Ignore any North lines marked on grid		
	Point marked 3 cm right and 3 cm up – condone in tolerance		B1B1
	Point marked on top right corner of the grid		B1B0
	Assume the end of a line drawn from A with no point marked is their B		
	The point must be marked or implied by the end of a line from A, just writing the letter B is not enough to indicate the point		B0B0

Q4 (2022)

(A)

Q	Answer	Mark	Comments
10(a)	(8, 1)	B1	accept $\begin{smallmatrix} x & y \\ 8 & 1 \end{smallmatrix}$
	Additional Guidance		
	(8x, 1y)		B0

(B)

Q	Answer	Mark	Comments
10(b)	(7, 6)	B1	accept $\begin{smallmatrix} x & y \\ 7 & 6 \end{smallmatrix}$
	Additional Guidance		
	(7x, 6y)		B0

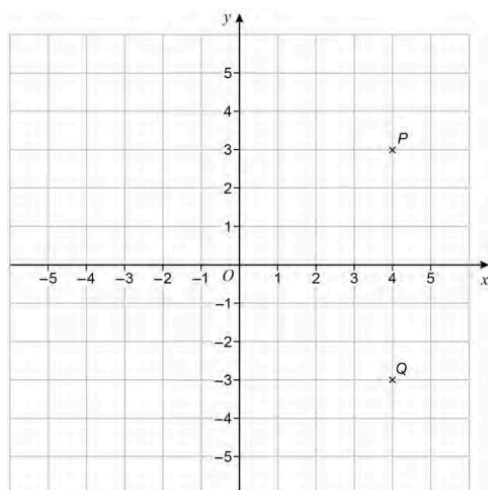
(C)

Q	Answer	Mark	Comments
10(c)	(2, 1)	B1	accept $\begin{smallmatrix} x & y \\ 2 & 1 \end{smallmatrix}$
	Additional Guidance		
	(2x, 1y)		B0
	If two or more parts have (x, y) as (y, x) then give the first 0 and condone the other(s) eg1 (a) (1, 8) (b) (6, 7) (c) (1, 2) eg2 (a) (1, 8) (b) (7, 6) (c) (1, 2) eg3 (a) (1, 8) (b) (6, 10) (c) (1, 2) eg4 (a) (8, 1) (b) (6, 7) (c) (1, 2)		
			B0 B1 B1 B0 B1 B1 B0 B0 B1 B1 B0 B1

Q5. (2023)

4

Points P and Q are shown on the grid.



(A)

Q	Answer	Mark	Comments
4(a)	(4, 3)	B1	accept $\begin{smallmatrix} x & y \\ 4 & 3 \end{smallmatrix}$
	Additional Guidance		
	Mark the answer line. If this is blank, the answer may be seen on the diagram but must be the coordinates for P		
	Do not allow x and y within the coordinates eg (4x, 3y)		B0

(B)

Q	Answer	Mark	Comments
4(b)	$(x, -3)$ where $x \neq 4$	B1	accept eg $\begin{smallmatrix} x & y \\ 5, & -3 \end{smallmatrix}$
	Additional Guidance		
	Do not allow x and y within the coordinates eg $(5x, -3y)$		B0