

Question	Scheme	Marks	
1(a)	$(-2, 20)$	B1	1.1b
		B1	1.1b
		(2)	
(b)	$(-7, 3)$	B1	1.1b
		B1	1.1b
		(2)	

(4 marks)

Notes

General guidelines for all parts:

Remember to check answers written against the questions.

If there is any contradiction, mark the answers given in the body of the scripts.

If there is no labelling, mark the responses in the order given.

The coordinates need to be values not just a calculation e.g. **not** $-4-3$ for -7

Points can be written as a coordinate pair or separately as $x = \dots$, $y = \dots$

Do not allow coordinates written the wrong way round but isw if necessary

e.g. $x = -2, y = 20 \rightarrow (20, -2)$ scores B1B1 and isw

Condone missing brackets (one or both) e.g. $x = -7, y = 3$ **or** $(-7, 3$ **or** $-7, 3$ for $(-7, 3)$

Condone a missing comma e.g. $(-7\ 3)$ for $(-7, 3)$

Condone use of a semi-colon e.g. $(-7 ; 3)$ for $(-7, 3)$

Condone vector notation e.g. $\begin{pmatrix} -2 \\ 20 \end{pmatrix}$ for $(-2, 20)$ and condone $\begin{pmatrix} -2 \\ 20 \end{pmatrix}$

Note that B0B1 is not a possible mark profile in this question

Note in both parts, some candidates show their thinking by transforming the point piecewise e.g. $(-4, 5) \rightarrow (-2, 5) \rightarrow (-2, 20)$

In such cases, mark their final **pair** of coordinates

(a)

B1: One correct coordinate, condone poor notation. See above.

B1: Both coordinates correct, condone poor notation. See above.

(b)

B1: One correct coordinate, condone poor notation. See above.

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