M1.
(–2, 3) and (2, 1)

>   **B1**   *(–2, 3) or (2, 1)*
>   *or*
>   *(–2, 3) and (2, 1) correctly plotted*
>   **SC1** *(3, –2) and (5, 2)*
>   *or*
>   *(–5, 2) and (–3, 6)*

B2

[2]

M2.(a)   *A* (−3, −5)

B1

B (2, −3)

>   *SC1 for A (2, −3) and B (−3, −5)*

B1

(b)   *C* plotted at x-coordinate less than −3

B1

C plotted at y-coordinate 2 or 4 or 6

>   *SC1 for correct coordinates if no point plotted*

B1

Additional Guidance

C does not need to be labelled if intention is clear.

The x-coordinate need not be an integer.

C plotted at:

(−3.5, 2)   B1 B1

(−3.5, 3)   B1 B0

(−4, 0)   B1 B0

(2, 2)   B0 B1

(−3, −2)   B0 B0

[4]

M3. (2, 1)

Working may be on diagram

B1 for $x < 6$ and $y = 1$

B1 for $x = 2$

or B1 for stating that horizontal distance from A to C is 4 units

or B1 for stating that horizontal distance from B to C is 8 units

B2

[2]

M4. *A* (4, 2)

If no marks awarded, award SC1 for a correct circle drawn with compasses passing through A, B, C and D

B1

B (8, 6)

B1

C (4, 10)

B1

D (0, 6)

B1

[4]