Question Number	Scheme	Marks
1 (a)	$(5,10)$	B1 B1 **(2)**
(b)	Attempts to solve e.g. $-2(x-5)+10...6x \Rightarrow x..."\frac{5}{2}"$	M1
	$x < \frac{5}{2}$ o.e.	A1 **(2)**
(c)	$(7, 30)$	B1ft, B1ft **(2)** **(6 marks)**

Condone missing brackets around pairs of coordinates provided the meaning is clear

(a) If there is a contradiction between coordinates on the graph, by the question and in the main body of the work then the work in the main body of the work takes precedence.

B1: One correct coordinate. Allow as $x=5$ or $y=10$ Do not allow them to be the wrong way round

B1: Both coordinates correct. Allow as $x=5, y=10$

(b) Answers with no working scores 0 marks

M1: Attempts to solve a correct equation or inequality with at least one intermediate stage of working. Allow this mark even if there are additional equations/inequalities. The modulus signs must have been removed.

Alternatively, they may attempt to square both sides and then attempt to solve the quadratic (usual rules apply). If via a calculator the root(s) must be correct (you may need to check these)

Condone slips including when squaring and multiplying out

$|x-5|...3x-5 \Rightarrow x^2-10x+25...9x^2-30x+25 \Rightarrow 0...8x^2-20x \Rightarrow x...$

In either method condone slips in their rearrangement and do not be concerned by the direction of the inequality sign for this mark.

A1: $x < \frac{5}{2}$ o.e. **only**. isw if they attempt to simplify their fraction incorrectly. Must be identified as their only inequality e.g. circling, underlining.

Allow other forms such as $x \in \left(-\infty, \frac{5}{2}\right)$ Do not accept $x \leq \frac{5}{2}$

Do not withhold this mark for incorrect use of inequality signs in earlier work provided the final answer is correct.

(c)

B1ft: One correct coordinate. Allow as $x=7$ or $y=30$

Follow through on their $((a)+2,(a)\times 3)$ Allow as $x=(a)+2$ or $y=(a)\times 3$ (**Does not have to be evaluated**)

B1ft: Correct coordinates $(7, 30)$ Allow as $x=7, y=30$

or correct ft $((a)+2,(a)\times 3)$. Allow as $x=(a)+2,\ y=(a)\times 3$ (**Must be evaluated**)