Question	Scheme	Marks	AOs
1(a)(i)	$2x-10 < 3(5-x) \Rightarrow 2x-10 < 15-3x \Rightarrow 5x < 25$	M1	1.1b
	$x < 5$	A1	1.1b
		(2)	
(ii)	$x^2 -11x + 24 = 0 \Rightarrow x = 3, 8$	M1	1.1b
	$3 \leqslant x \leqslant 8$	A1	1.1b
		(2)	
(b)	$3 \leqslant x < 5$	B1	2.2a
		(1)	
			(5 marks)

Notes

(a)(i)

M1: Expands the rhs and collects terms to obtain the form $ax < b$ or $ax > b$

A1: Correct answer

(ii)

M1: Attempts to solve the quadratic and get the critical values

A1: Correct range

(b)

B1: Deduces the correct range