Question			Answer	Mark	AO	Guidance
2	(a)		$\lvert x-3\rvert \leq 2 \Rightarrow -2 \leq x-3 \leq 2$	M1	1.1	Or $x-3 \leq 2$ and $3-x \leq 2$ oe. Two parts needed. May be implied by A1. Condone = or < for this mark.
			$1 \leq x \leq 5$	A1	1.1	Allow $x \geq 1$ **and** $x \leq 5$ but 'and' or $\cap$ must be present.
			Alternative method			
			$(x-3)^2 \leq 4$ $[x^2-6x+5 \leq 0]$	M1		May be implied by A1. Condone = or < for this mark.
			$1 \leq x \leq 5$	A1		Allow $x \geq 1$ **and** $x \leq 5$ but 'and' or $\cap$ must be present.
				[2]		
2	(b)		$\{x: x \leq 5\} \cap \{x: x \geq 1\}$ or $\{x: 1 \leq x \leq 5\}$ or $\{x: x \geq 1$ and $x \leq 5\}$	B1FT	2.5	FT their $1 \leq x \leq 5$ from **(a)**, provided that it is a single interval with two finite endpoints. Condone $\{x: x \in [1,5]\}$ or $x \in [1,5]$ Allow $\{x \in \mathbb{R}: 1 \leq x \leq 5\}$ etc.
				[1]		