

3	(a)	$x < 1$ $2 < x < 3$ $\{x: x < 1\} \cup \{x: 2 < x < 3\}$	B1 B1 B1f [3]	Any notation Allow $0.4 < x < 1$ Any notation. Lose only one B1 if \leq seen instead of $<$ ft their (i) dep at least two ranges; allow \leq SC: (MR '>') $1 < x < 2$; $x > 3$ B0B1 $\{x: 1 < x < 2\} \cup \{x: x > 3\}$ B1
3	(b)	Attempt reflect in y -axis Through $(-3, 0.5), (-2, 0.5), (-1, 0.5), (-0.5, -1.5)$	M1 A1 [2]	Approx correct shape, orientation & location Allow $\pm 2\text{mm}$ SC. All four points plotted $\pm 2\text{mm}$: B1

3	(c)	Curve intersects x -axis only once	B1 [1]	oe
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