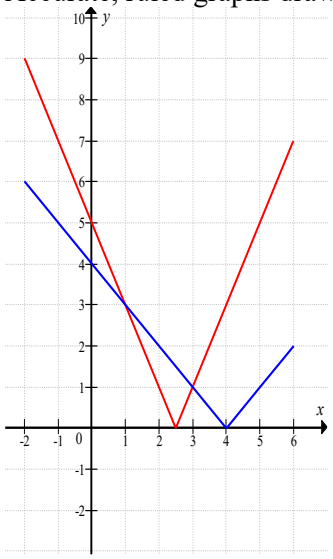
Question	Answer	Marks	Partial Marks
2	Uses $b^2 - 4ac$ correctly: $(2k-1)^2 - 4(k)(k+1)$ [*0 where * is any inequality sign or =]	**M1**	
	Simplifies to $-8k + 1$[*0]	**A1**	
	Critical Value: $k = \frac{1}{8}$ soi	**M1**	**FT** *their* $ak + b$ where a and b are constants
	$k > \frac{1}{8}$ mark final answer	**A1**	
3(a)	Accurate, ruled graphs drawn  	**4**	**M1** for $y = \lvert 4 - x \rvert$: $\vee$ shape with vertex at (4, 0) **A1** Correct graph with y-intercept at (0, 4) **M1** for $y = \lvert 2x - 5 \rvert$: $\vee$ shape with vertex at (2.5, 0) **A1** Correct graph with y-intercept at (0, 5)
3(b)	$x \leq 1$, $x \geq 3$ final answer	**2**	**FT** *their* **(a)** providing at least **M1** awarded and a pair of V-shaped graphs attempted **B1** for exactly two correct critical values or **B1 FT** for exactly two correct FT critical values soi, **FT** *their* **(a)** providing at least **M1** awarded and a pair of V-shaped graphs attempted
4(a)	$\frac{105}{8}$ isw or 13.125 oe	**2**	**B1** for $^{10}C_4(x^2)^6\left(-\frac{1}{2x^3}\right)^4$ oe

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