Question	Answer	Marks	AO	Guidance
15	$[\frac{dy}{dx} =]3x^2 + 14x - 5$	M1 A1	3.1a 1.1	two of three terms correct all correct
	$(x + 5)(3x - 1)[= 0]$	M1	2.1	correct method to solve *their* three-term quadratic = 0; can be implied by correct answers; condone incorrect inequality symbols
	$[x =] -5$ and $[x =] \frac{1}{3}$ identified	A1	3.2a	allow if seen only as inequality even if inequality is incorrect
	$\{x: x < -5\} \cup \left\{x: x > \frac{1}{3}\right\}$ **cao**	A1	2.5	allow eg $\left\{x: x < -5 \cup x > \frac{1}{3}\right\}$, eg $(-\infty, -5) \cup (\frac{1}{3}, \infty)$ allow inclusive inequalities eg any combination of $\leq$ and $\geq$
		[5]		