Q	Marking instructions	AO	Marks	Typical solution
6	Simplifies to a three term quadratic > 0 or < 0 (Condone = 0)	1.1a	M1	$3x^2 + 2x - 6 > 0$
	Obtains the correct two critical values ACF Accept $\frac{-1 \pm \sqrt{19}}{3}$ OE	1.1b	A1	$x > \frac{-1+\sqrt{19}}{3}$ $x < \frac{-1-\sqrt{19}}{3}$
	Chooses the outer regions for their two critical values	1.1a	M1	$\{x: x < \frac{-1-\sqrt{19}}{3}\} \cup \{x: x > \frac{-1+\sqrt{19}}{3}\}$
	Expresses the correct inequalities in set notation Accept $\left(-\infty, \frac{-1-\sqrt{19}}{3}\right) \cup \left(\frac{-1+\sqrt{19}}{3}, \infty\right)$	2.5	R1	
	Question 6 Total		**4**	