

Question		Answer	Marks	AO	Guidance
1		$\Delta = 3^2 - 4(k)(k)$	B1	1.1	Correct discriminant of given quadratic equation (may be implied)
		$9 - 4k^2 (< 0)$ leading to two c.v. of k	M1	1.1	Finds two critical values of k from their discriminant
		$k > \frac{3}{2}$ [or] $k < -\frac{3}{2}$	A1	1.1	oe e.g. set notation $\{k : k < -\frac{3}{2}\} \cup \{k : k > \frac{3}{2}\}$
			[3]		Not given if just seen in quadratic formula Or for one correct inequality (may come from only one c.v.)