21		eg $(2x+3)(x-5)$ oe **or** $\frac{--7\pm\sqrt{(-7)^2-4\times2\times(-15)}}{2\times2}$ oe **or** $2\left[\left(x-\frac{7}{4}\right)^2-\left(\frac{7}{4}\right)^2\right]-15$ oe		3	M1	for a **correct** method to find the critical values Minimum evidence for quadratic formula is a two-term discriminant, eg $\frac{7\pm\sqrt{49+120}}{4}$ (must have the ±) Allow $(x + 1.5)(2x – 10)$ as a correct factorisation, but do **not** allow $\left(x+\frac{3}{2}\right)(x-5)$ unless preceeded by division of the quadratic by 2	Allow M1A1 for the correct critical values **AND** evidence of another algebraic method that has led to these: eg $x(2x + 3) – 5(2x + 3)$ **and** the correct critical values **or** $2x(x – 5) + 3(x – 5)$ **and** the correct critical values **or** $(2x + 3)(2x – 10)$ **and** the correct critical values
		$(x=)\ -\frac{3}{2}$ **and** $(x=)\ 5$			A1	dep on M1 for correct critical values oe	
		Working required	$x<-\frac{3}{2}$, $x>5$		A1	dep on M1 for correct inequalities (must be separate inequalities) allow interval notation eg $\left(-\infty,-\frac{3}{2}\right)\cup(5,\infty)$ **or** $\left(-\infty,-\frac{3}{2}\right),(5,\infty)$ **or** $]-\infty,-\frac{3}{2}[\ \cup\ ]5,\infty[$ **or** $]-\infty,-\frac{3}{2}[\ ,\ ]5,\infty[$ Acceptable notation: allow a comma, space, “or”, “and” or “∪” to link the two regions Do **not** allow as a single inequality $-\frac{3}{2}>x>5$	
							Total 3 marks