

Question			Answer	Marks	AO	Guidance	
5			DR				
			$3(x - 2)(2x + 1) \leq 9$	M1*	3.1a	Setting up an inequality or equation with the correct three lengths and 9	Allow any inequality sign or equals
			$2x^2 - 3x - 5 (\leq 0)$	M1dep*	1.1	Forming a three-term quadratic expression with all terms on the same side	Allow a single sign slip when simplifying
			$(2x - 5)(x + 1) (\leq 0)$	B1	1.1	Solving their three-term quadratic correctly by factorisation (oe)	If using factorisation then when expanded x^2 term and at least one other term correct for this mark Dependent on both M marks
			$x = \frac{5}{2}, \quad x = -1$				
			Either $\lambda \leq x \leq \frac{5}{2}$ or $\lambda \leq x, x \leq \frac{5}{2}$	A1	2.2a	Dependent on the first two M marks – allow strict inequalities for this mark or a mixture of strict and non-strict – can be implied by correct answer	Where $\lambda = -1, 0$ or 2
			$\left(2, \frac{5}{2}\right]$	A1	2.5	cao	Dependent on both M marks
				[5]			