0	ını	this question you must show detailed reasoning.		
	(a)	Use differentiation to find the coordinates of the stationary point on the curve with equati $y = 2x^2 - 3x - 2$ .	on [ <b>3</b> ]	
	(b)	Use the second derivative to determine the nature of the stationary point.	[2]	
	(c)	Show by shading on a sketch the region defined by the inequality $y \ge 2x^2 - 3x - 2$ , indicatic clearly whether the boundary is included or not.	ng [ <b>3]</b>	

In this question you must show detailed vessening

(d) Solve the inequality  $2x^2 - 3x - 2 > 0$  using set notation for your answer.