5	A cı	urve is defined implicitly by the equation $2x^2 + 3xy + y^2 + 2 = 0$ .	
	(a)	Show that $\frac{dy}{dx} = -\frac{4x + 3y}{3x + 2y}$ .	[3]
	(b)	In this question you must show detailed reasoning.	

Find the coordinates of the stationary points of the curve.