((a) Show that, for this equation, the Newton-Raphson formula can be written	
	$x_{n+1} = \frac{4x_n^3 + x_n^2 + 1}{6x_n^2 + 2x_n}$	
		(3)
ι	Using the formula given in part (a) with $x_1 = 1$	

5. The equation $2x^3 + x^2 - 1 = 0$ has exactly one real root.

used with $x_1 = 0$

(b) find the values of x₂ and x₃
(c) Explain why, for this question, the Newton-Raphson method cannot be