12	A function is defined by $f(x) = x^3 - x$.		
	(a)	By considering $\frac{f(x+h)-f(x)}{h}$, show from first principles that $f'(x)=3x^2-1$.	[4]
	(b)	Sketch the gradient function $f'(x)$.	[2]
	(c)	Show that the curve $y = f(x)$ has a single point of inflection which is not a stationary point	oint.