8	A curve has parametric equations $x = \frac{t}{1+t^3}$, $y = \frac{t}{1+t^3}$, where $t \neq -1$.			
	(i)	In this question you must show detailed reasoning.		

Determine the grad	ent of the curve at the point where $t = 1$	
--------------------	---	--

Verify that the cartesian equation of the curve is $x^3 + y^3 = xy$.