KFUPM----Term 171

Math 201	Quiz # 1(c)	Time: 20 mi	inutes		Date: 10-10-2017		
Name	ID #	S	Sr #	Sec.	Marks:- / ₆		
Q1 Find the slope of the curve C: $x^3 + 2t^2 = 9$, $2y^3 - 3t^2 = 4$ at $t = 2$.							

Q2. Sketch the polar curve $r = -2\sin\theta$. Is the curve symmetric about axes?

KFUPM---Term 171

Math 201	Quiz # 1(d)	Time: 20 minutes		Date: 10-10-2017			
Name	ID #	Sr #	Sec.	Marks:- / ₆			
0.1 Find the error analoged by the year is and the curve C_1 $x = t$ t^2 $y = 1 + a^{-t}$							

Q 1. Find the area enclosed by the y-axis and the curve C: $x = t - t^2$, $y = 1 + e^{-t}$.

Q2. Replace the polar equation: $r \sin\left(\theta + \frac{\pi}{6}\right) = 1$, by an equivalent Cartesian equation and sketch it.