KFUPM
 QUIZ (1b)
 MATH 201-183

 Name:
 S.ID:
 Sec.() Ser.# ()

Consider the parametric equations $x = \cos 2t$, $y = \sin t$, $-\infty < t < \infty$. Sketch the curve and find the equation of the tangent line to the curve at $t = \pi$.