Math 205	Analytic Geometry	Quiz 5	15.12.2003
Name	Student No.		

1. Find a function or cartesian equation for the parametric curve

$$x = \tan t, \quad y = \sec t \qquad -\frac{\pi}{4} \leqslant t \leqslant \frac{\pi}{4}.$$

2. Find the parametric equation for the curve  $9x^2 + 4y^2 = 36$ , traversed in the *clockwise* direction.

3. Find the parametric equation for the curve  $x^{2/3} + y^{2/3} = 1$ , traversed from the point (1,0) to (0,1).