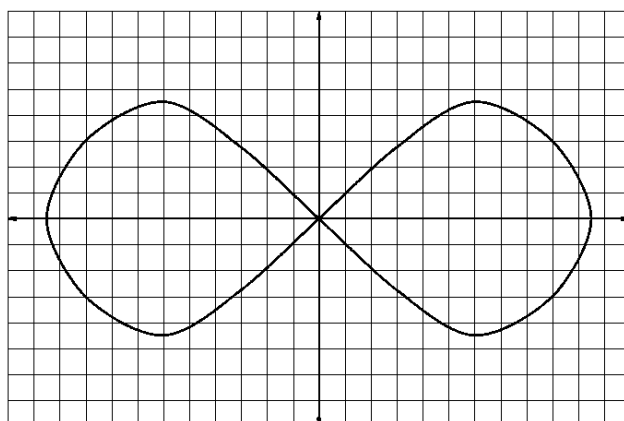


MATH 124A - Quiz 5 - November 15, 2001

YOUR NAME:
this SECTION:

1. Find an equation of the tangent line to the curve at the given point.

$$2(x^2 + y^2)^2 = 25(x^2 - y^2) \quad (\text{lemniscate}) \quad \text{at } (3, 1)$$



Over →

2. Find the points on the lemniscate where the tangent is horizontal.