11/4/2008

1. Give parametric equations x(t), y(t), and z(t), along with bounds for t, for the line segment from (1,3,8) to (5,9,4).

Calculus 3

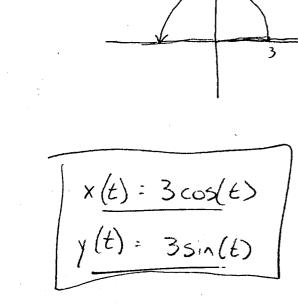
Quiz 3a

$$x(t) = 1 + 4t$$

$$y(t) = 3 + 6t$$

$$0 \le t \le 1$$

2. Give parametric equations x(t) and y(t) and bounds for t for the top half of a circle with radius 3, centered at the origin, and traversed counterclockwise.



3 cost 3 sint 0 5 L S T