(Easier) Practice Quiz 3 Calc 3 11/4/2008

| 1. | Give parametric equations $x(t)$, $y(t)$, $z(t)$ and bounds for t that produce a path from $(3, 0, 1)$ to $(5, 0, 1)$ |
|----|---|
| | 7, 1). |
| | |

2. Give parametric equations x(t), y(t), z(t) and bounds for t that produce a unit circle centered at the origin in the plane z = 0 beginning at (1, 0, 0).

(Harder) Practice Quiz 3 Calc 3 11/4/2008

1. Give parametric equations x(t), y(t), z(t), and bounds for t that produce a path from (-2, 7, 1) to (a, b, c).

2. Give parametric equations x(t), y(t), z(t) and bounds for t that produce an arc of a circle centered at (0, 0, 3) in the plane z = 3 of radius a beginning at (0, a, 3) and continuing counterclockwise through n quadrants.