

(Easier) Practice Quiz 6 Calc 3 11/1/2004

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

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 6 Calc 3 11/1/2004

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 the origin in the plane $z = 3$ of radius a beginning at $(0, a, 3)$ and continuing counterclockwise through n quadrants.