(Easier) Practice Quiz 1 **Calc 1** **10/20/23**

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 1 **Calc 1** **Due 10/20/23**

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.