Quiz 3   Calculus 3   10/31/2012

Each problem is worth 5 points. Clear and complete justification is required for full credit.

1. Give parametric equations x(t), y(t), z(t) and bounds for t that produce a path from (7, 0, 2) to (2, –3, 1).

2. Give parametric equations x(t), y(t), z(t) and bounds for t that produce the top half of a counterclockwise circle with radius 2 centered at the origin in the plane $z = 0$.