

Quiz 4 Calc 3 11/2/2010

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 $(5, 0, 4)$ to $(5, 7, -1)$.

2. Give parametric equations $x(t)$, $y(t)$, $z(t)$ and bounds for t that produce the first-octant portion of a radius 3 circle centered at $(0,0,4)$ in the plane $z = 4$.

