Quiz 3b Calculus 3 11/4/2008

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

1. Give parametric equations $x(t)$, $y(t)$, and $z(t)$, along with bounds for t, for the line segment from (1,3,8) to (5,9,4).

2. Give parametric equations $x(t)$ and $y(t)$ and bounds for t for the third quadrant portion of a circle with radius 2, centered at the origin, and traversed counterclockwise.