

Quiz 9 Calculus 3 11/21/2006

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

1. Parametrize and give bounds for the rectangle with vertices $(0,0,0)$, $(0,2,0)$, $(0,2,5)$, and $(0,0,5)$.

2. Parametrize and give bounds for the portion of the cylinder with radius 2 centered around the x -axis between $x = 1$ and $x = 2$.