

Quiz 3 Calc 3 11/11/2016

1. Parametrize and give bounds for the portion of the plane $z = 1$ lying above the rectangle with vertices $(0,0)$, $(2,0)$, $(2,3)$, and $(0,3)$.

2. Parametrize and give bounds for the portion of the cylinder with radius 4 centered around the y -axis between $y = 1$ and $y = 9$.

3. Parametrize and give bounds for the portion of the plane $x = 10$ that lies within the cylinder with equation $y^2 + z^2 = 1$.

