Math 225: Calculus III
Quiz 7 Mar. 26/28, 1996

Name:
Section:

1. Find the centroid of the region inside the unit circle in the first quadrant.
2. Compute the average value of the function $f(x, y, z)=x^{3} y$ over the solid region bounded in the first quadrant by the planes $x+z=2$ and $y=3$. The volume of the region is 6 .
