Math 225: Calculus III
Quiz 8 Nov. 10/12, 1992

Name:
Section:

1. Compute the area of the interior of the cardioid $r=1+\sin (\theta)$ in the first quadrant.
2. A solid glass prism is bounded in the first octant by the planes $y+z=1$ and $x=2$. Compute the total mass of this prism if the density of the glass is given by $\delta=z(1-y)$.
