

Name:
Section:

Quiz 9

1. Describe the set $x^2 + y^2 + z^2 \geq 1$, $y = x$, $z \leq 0$ in spherical coordinates.

2. Evaluate $\iint x \, dA$ over the circular wedge $0 \leq r \leq 1$, $\pi/4 \leq \theta \leq \pi/2$.