Math 225: Calculus III Quiz 9 April 9/11, 1996

Name:______ Section:_____

1. Let $= x^2y_1 + y^2z_1 + z^2x$. Compute ().

2. Let C be the curve defined by $r(t)=t_1+\cos(t)$, $0 \le t \le \pi/2$. Compute the line integral $\int_C 2y\sqrt{1-y^2}\,ds$.