

Math 225: Calculus III
Quiz 7 Nov. 3/5, 1992

Name: _____
Section: _____

1. Evaluate the iterated integral $\int_0^1 \int_{\sqrt{y}}^1 \sin(x^3) dx dy$.

2. Calculate the volume of the solid in the first octant bounded by $y = x$, $y = 1$, and $z = x^2y$.