$\begin{array}{c} \mathrm{MATH}\ 102\text{-}15\ (172) \\ \mathrm{QUIZ}\ \#\ 5 \end{array}$

NAME:	ID #·
INAME.	ID. #:

Q1. Use the method of cylindrical shells to find the volume generated by rotating the region bounded by $y=x^3$, y=0, x=1 about the line y=1.