WRITE YOUR NAME:

MAC 2312 Homework 4
Due in class, Friday February 24th
You can use more paper if necessary, but please STAPLE

Question 1. Find the volume of the solid that results when the region enclosed by $y = x^2$ and $y = x^3$ is revolved around the line $y = -1$.

Question 2. Let A be the region that is enclosed by $y = 1/x^3$, $x = 1$, $x = 2$, and $y = 0$. Find the volume of the solid that is generated when the region A is revolved around the line $x = -1$.