King Fahd University of Petroleum and Minerals
Department of Mathematics and Statistics
Math 102 - Quiz 3

Name:
Student ID #:

Question 1. Find the area enclosed by the curves $y = \dfrac{1}{x^2}$, $y = 1$, and $y = 2$.

Question 2. Find the volume of the solid obtained by rotating the area bounded by $y = x$, $y = 2 - x^2$ and the y-axis by $y = -1$.