

King Fahd Univ. of Petroleum and Minerals
Faculty of Sciences
Department of Mathematical Sciences

QUIZ No. 2
(MATH. 102-043 Sections 1 & 2)

Name:

ID:

Prob.

Use the method of disks and the method of cylindrical shells to find the volume generated by revolving the area between $x^2 = y - 2$ and $y = x + 8$ around the x -axis.