

King Fahd University of Petroleum and Minerals
Department of Mathematical Science
Math 102(01) Term 0025 Quizt#2

Name: _____ ID#: _____

Q1. Find $\int_0^2 x f(x^2) dx$, if $\int_0^4 f(x) dx = 6$

Q2. Find the volume of the solid that results when the region enclosed $x = y^2$ and $x = y$ is revolved about the line $y = 2$