

King Fahd University of Petroleum & Minerals
Department of Mathematics and Statistics
(Semester 181) Math 201 Quiz # 5

Name: _____ I.D. # _____ Sr. # _____

1. Find the volume the tetrahedron enclosed by the coordinate planes and the plane $2x + y + z = 4$.
2. Use double integrals to find the area of the region enclosed by $r = 1 + \cos \theta$ and $r = 1 - \cos \theta$.