

KFUPM Term (151) Name _____

MATH 201 Quiz # 7 ID# _____ Section 02

1) Evaluate $\int_1^2 \int_0^{\sqrt{2x-x^2}} \frac{1}{(x^2+y^2)^2} dy dx$.

2) Find the volume of the tetrahedron in the first octant bounded by the coordinate planes and the plane passing through $(1,0,0)$, $(0,2,0)$, $(0,0,3)$.

KFUPM Term (151) Name _____

MATH 201 Quiz # 7 ID# _____ Section 07

1) Evaluate $\int_0^1 \int_x^{\sqrt{2-x^2}} (x + 2y) dy dx$.

2) Find the volume of the tetrahedron in the first octant bounded by the coordinate planes and the plane passing through $(1,0,0)$, $(0,2,0)$, $(0,0,3)$.