

Math 241 X8**Name:****Quiz # 5**

October 17, 2013 No electronic devices or interpersonal communication allowed. Show work to get credit.

- 1) Compute $\iint_R x^2 y \, dA$ where R is the region bounded by the curves $x^2 + y = 2$ and $y = x^2$.

2) Compute $\iint_R x^2 dA$ where R is the region bounded by the ellipse $4x^2 + y^2 = 1$.