

Math 201

Quiz 6

24/ 12/ 2012

Name:

ID #

Q.1 (5 points): Evaluate $\int_0^1 \int_x^1 e^{\frac{x}{y}} dy dx$

Q.2 (5 points): Use the polar coordinates to find the volume of the solid inside the sphere $x^2 + y^2 + z^2 = 16$ outside the cylinder $x^2 + y^2 = 4$