

QUIZ 10

Name _____

1. Evaluate $\int_1^2 \int_0^{\frac{2}{x}} e^{xy} dy dx$

2. Evaluate $\int_0^1 \int_y^1 3xe^{x^3} dx dy$ (You will need to change the order of integration)

3. Find and evaluate an integral equal to the volume of the solid bounded by $z = y^2$, $z = 0$, $y = x$, $y = 4$ and $x = 0$.