Math 251

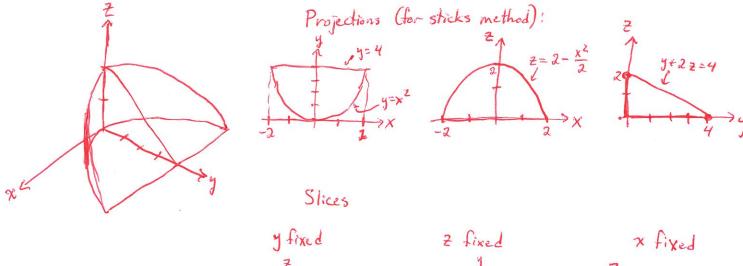
Quiz 8

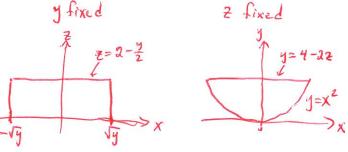
November 2, 2016

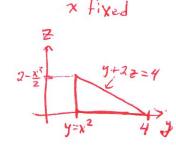
Name:

By handing in this quiz you assert that you understand and have followed IIT's guidelines for academic integrity.

(1) Express the integral $\iiint_E f \ dV$ in each of the six orders of integration, where E is the solid bounded by $y = x^2$, z = 0, and y + 2z = 4.







$$\int_{-2}^{2} \int_{-2}^{4} \int_{-2}^{2} \int_{-2}^{2$$