

QUIZ 3

MATH 102

NAME: _____ ID _____ SECTION _____

Q1. Find $\int \frac{x^2}{\sqrt{1-x^3}} dx$



Q2. Consider a region in the first quadrant that is bounded above by $y = \sqrt{x}$ and below by the x-axis and the line $y = x - 2$. Set up two integrals (one with respect to x and other with respect to y) which determine the area of the above region.