

QUIZ 1

MATH 102

NAME: _____ ID _____ SECTION

Q1. Evaluate the integral $\int_{-2}^2 |x| dx$

Q2. Evaluate the integral $\int_2^3 \frac{1}{x} \ln x dx$

Q3. Find dy/dx where $y = 2x \int_3^{x^2} \sin(t^3) dt$

Q4. Find the total area between the region and the x-axis for $y = -(x^2 + 2x)$, $0 \leq x \leq 2$