

Quiz #9

Math 1100-05, Fall 2005

(10 points) **Problem.** Find the indefinite integrals:

(a) $\int 3xe^{x^2+1} dx =$

(b) $\int \frac{2}{1-4x} dx =$

(c) $\int \frac{x+2}{x-2} dx =$

(d) $\int \frac{3}{1+e^{-3x}} dx =.$