

MATH 152
Mrs. Bonny Tighe

QUIZ 4
25 points
8.3, 8.4

NAME _____

Section _____ Wed 10/5/05

1. Evaluate the integrals.

a) $\int \frac{\sqrt{9+x^2}}{x} dx$

b) $\int \frac{x dx}{\sqrt{x^2 + 6x + 8}} = \underline{\hspace{2cm}}$

2. Evaluate the integral.

a) $\int \frac{x^3 + 2}{x^3 - x} dx$

b) $\int \frac{e^{2x}}{e^{2x} + 3e^x + 2} dx$