

MATH 152
Mrs. Bonny Tighe

QUIZ 4A
25 points
8.3, 8.4

NAME _____

SECTION _____ Wed 10/5/05

1. Evaluate the integrals.

a) $\int \frac{x^2}{\sqrt{16-x^2}} dx$

b) $\int \frac{x dx}{\sqrt{x^2 - 6x + 10}}$

2. Evaluate the integral.

a) $\int \frac{x^3 + 2x^2 + 1}{x^3 - 3x^2} dx$

b) $\int \frac{\cos \theta}{\sin^2 \theta + 4 \sin \theta - 5} d\theta$