

MthU242
Northeastern University
Quiz #2
20 Minutes

Calculus II
Professor Gilmore
Jan. 17, 2008

Name: _____.

Show All Your Work

1. Calculate the following indefinite integrals:

a. $\int \frac{dx}{(4 - x^2)^{\frac{3}{2}}}$

b. $\int \frac{x^2}{\sqrt{9 - x^2}} dx$

2. Calculate the following integrals:

a. $\int \frac{1}{(x - 7)(x - 2)} dx$

b. $\int \frac{x}{x^2 - 3x + 2} dx$