

MthU242
Northeastern University
Quiz #2
20 Minutes

Calculus II
Professor Gilmore
Jan. 18, 2007

Name: _____.

Show All Your Work

1. Calculate the following indefinite integrals:

a. $\int x \sin(2x) dx$

b. $\int \sin^{-1} x dx$

2. Calculate the following integrals:

a. $\int \cos^4(7x) \sin^3(7x) dx$

b. $\int \frac{\sqrt{x^2 - 36}}{x^4} dx$

Name: _____.