

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. $\int xe^{5x} dx$

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

2. Calculate the following integrals:

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

b. $\int \sqrt{64 - x^2} dx$

Name: _____.