

Practice Quiz 3.5

MATH 112-017 and 112-019

New Jersey Inst. Tech.

Prof. Nicholas Dubicki

Time Limit: 15 min.

Name: _____

Date: _____

Section: _____

1. Integrate

5

$$I = \int \frac{x^2}{\sqrt{4-x^2}} dx$$

2. Integrate

5

$$I = \int \frac{3x^2 - 2x + 1}{(x^2 + 1)(x - 1)} dx$$