April 16, 2015

1. Find the following indefinite integrals.

(a)
$$\int (4x^3 + \cos(x) + 1) dx =$$

(b)
$$\int \left(\sqrt{x} + \frac{1}{\sqrt{x}}\right) dx =$$

(c)
$$\int \frac{\pi}{\sqrt{1-x^2}} \, dx =$$

MATH 200 – Quiz 13 🖘

Name:

April 16, 2015

 $1. \ \, \text{Find the following indefinite integrals.}$

(a)
$$\int (3x^2 + \sin(x) + 3) dx =$$

(b)
$$\int \left(\sqrt[3]{x} + \frac{1}{x^4}\right) dx =$$

(c)
$$\int \frac{\pi}{1+x^2} \, dx =$$