

Quiz #5

Please print your name:

Problem 1. (6 points) Evaluate the following indefinite integrals.

(a) $\int \cos(3x) \, dx =$

(b) $\int \frac{dx}{3\sqrt{x}} =$

(c) $\int \frac{dx}{3x+1} =$

Problem 2. (4 points) Evaluate the following indefinite integral: $\int x \sin(3x) \, dx$