

Math 2315 - Calculus II

Quiz #1 - 2010.01.20

Name: _____

1. Compute the following derivative:

$$\frac{d}{dt} (\sin(2t + 1) - \cos(1 - 2t))^2$$

2. Compute the following integral:

$$\int 4x \sqrt{1 + 8x^2} dx$$