

Math 2315 - Calculus II

Quiz #2 - 2010.02.03

Name: _____

1. Compute the following derivative:

$$\frac{d}{dt} \ln \left(\frac{6t^3 - 4t^2 + 5t - 9}{(3t + 1)(4t^2 + 2t - 3)} \right)$$

2. Compute the following integral:

$$\int x e^{2x^2 - 4} dx$$