Quiz 6, Business Calculus
Summer Session I, 2012

Name: _____

1. (3 points) Find $f'(x)$ if $f(x) = 3e^{x^2-1}$.

2. (3 points) Calculate the indefinite integral $\int \left(6x^3 + \dfrac{3}{x^2} - x\right) dx$

3. (4 points) Find $f'(x)$ if $f(x) = \ln\left(\dfrac{\sqrt{x}}{e^{3x^2}}\right)$.