

Math 2143 - Brief Calculus with Applications

Quiz #4 - 2008.02.19

Name: _____

Compute the following derivatives:

1.

$$\frac{d}{dx} \left[\left(2x^2 - 3x + \frac{4}{\sqrt{x}} \right) \cdot (\sqrt{x} - 4x + 2) \right]$$

2.

$$\frac{d}{dx} \frac{2x^2 - 3x + \frac{4}{\sqrt{x}}}{\sqrt{x} - 4x + 2}$$