

Math 2143 - Brief Calculus with Applications

Quiz #11 - 2008.03.13

Name: _____

1. Compute the following limit.

$$\lim_{x \rightarrow 2} \frac{\sqrt{x+2} - \sqrt{2x}}{x^2 - 2x}$$

2. Compute the following derivative.

$$\frac{d}{ds} \left(s^2 + \frac{1-s}{1+s^2} \right)^3$$