

Math 2143 - Brief Calculus with Applications

Quiz #6 - 2008.02.26

Name: _____

1. Compute the following limit:

$$\lim_{x \rightarrow 1} \frac{\sqrt{2x} - \sqrt{x+1}}{x^2 - x}$$

2. Compute the slope of the tangent line to $g(x) = x^2 - 2x + 1$ at $x = 4$.