

Math 261, Section 2
Quiz 1
Due: 01/23/2008

Name: _____

1. Compute the following limits:

(a) (2 points) $\lim_{x \rightarrow 1} \frac{x^2}{x-1} - \frac{1}{x-1}$

(b) (3 points) $\lim_{x \rightarrow 5^-} \frac{1 + \sqrt{2x - 10}}{x + 3}$