

Math 181 Spring 2013

Quiz 1

Name: _____

1. Find the limit $\lim_{h \rightarrow 0} \frac{\sqrt{h+49} - 7}{h}$. Show work for full credit.

2. Find the limit $\lim_{x \rightarrow 8} \frac{x^2 - (8+1)x + 8}{x - 8}$. Show work for full credit.

3. Find the limit $\lim_{x \rightarrow -4} \frac{\frac{1}{4} + \frac{1}{x}}{x + 4}$. Show work for full credit.