Math 10850, Honors Calculus 1

Quiz 6, Thursday October 17

Name:

1. Give a precise (ε-δ) definition of what it means to say that a function f approaches a limit L near a.

2. Prove (directly using the definition of limit) that $\lim_{x \to 2} \frac{x-1}{x+1} = \frac{1}{3}$.