

Name _____ raw scaled percent

Calculus Trimester 1 Quiz 2 (10 Points)
Definition of limit

- **This is a take home quiz. Here are the rules; [1] You may use your book and your notes while doing the quiz. [2] You may not discuss these questions with anyone until the quizzes have all been collected. [3] The quiz is due at the start of the next class which is noon Monday, Nov 5.**
- **To receive full credit, provide a complete solution. Questions are each 10 points.**

[1] Use the definition of limit to prove that $\lim_{x \rightarrow 1} (2x^2 + 1) = 3$