Math 19A Calculus for Science, Engineering, and Mathematics Winter 2000, UCSC

Time: 15min

QUIZ 3

- 1. Show that the function  $f(x) := \sqrt{2+5x}$  is one-to-one, and find its inverse.
- **2.** What is  $\lim_{x\to 0} \frac{x}{|x|}$ ?

Each problem is worth 5 points.