

Math 21A Homework 3

- 1) 2.5, problem 20
- 2) 2.5, problem 23
- 3) 2.5, problem 29
- 4) Prove that $f(x) = e^x$ is continuous everywhere.
- 5) 2.5, problem 37
- 6) 2.5, problem 38
- 7) 2.5, problem 48
- 8) 2.5, problem 55
- 9) 2.5, problem 60
- 10) 2.5, problem 70 (you can use the statement in problem 69 to help you)
- 11) 2.6, problem 2
- 12) 2.6, problem 9
- 13) 2.6, problem 10
- 14) 2.6, problem 11
- 15) 2.6, problem 18
- 16) 2.6, problem 21
- 17) 2.6, problem 67
- 18) 2.6, problem 89
- 19) 2.6, problem 99
- 20) 3.1, problem 30