

Math 211

Review Exam1

- 1) Find limits graphically Problem 1 and 2 section 2.6.
- 2) Find the limit of f using limit laws and the sandwich theorem. Problems 25,33,40,46,49,50 section 2.2, 49, 50 section 2.3. Problems 16, 18, 21 – 39 odd section 2.4
- 3) Find the limit of f using definition of ϵ and δ . Problems 24, 25, 38 and 40 section 2.3
- 4) Find a and b such that $f(x)$ is continuous everywhere. Problems: 45, 46 section 2.5
- 5) State Intermediate Value Theorem and use it to prove that an equation has solution. Problems: 70, 72, 75, 76 section 2.5
- 6) Find infinite limits. Problems 12, 13, 21, 23, 29, 34, 36, 39, 46, 47, 53, 57, 80 – 86 even section 2.6
- 7) Graph simple rational function. Problems 63, 65, 67 section 2.6