MAT 17C, Fall 2017
Homework Assignment 1

Due before the start of the class on Wednesday, October 4

Please read Chapters 10.1-10.3 of the textbook before starting on the problem set.

Written Assignment: Chapter 10.1, exercises 21, 22, 24 ; Section 10.2, exercise 16; Problem A.

Problem A: Draw the contour plot for the function $f(x, y) = \sqrt{x^2 + y^2}$ by sketching the level curves $f(x, y) = c$ for $c = -3, -2, -1, 0, 1, 2, 3$.

The homework must be legible, and written in connected sentences that explains what you are doing. Just the answer (whether correct or not) is not enough. Please put your name and section number on every page and staple the pages together. Homework should be handed in on time, late homework will not be graded.