MA 44200, Homework 13, Due Wednesday, April 19, 2017

(1) Mathematical Analysis II: Page 33, #11, 12(i).
(2) Mathematical Analysis II: Page 44, #11(i)(ii).
(3) Mathematical Analysis II: Page 55, #10, 11, 12.
   For Problem 10 you'll need to read about Jacobians (the determinant of the gradient matrix).

When solving a problem something you can use any

(1) Definitions
(2) Axioms
(3) Theorems, Lemmas, and Corollaries, and
(4) Problems (whether assigned or not)

that are either in the book or done in class that come **before** the problem you're working on.