

Math 134, Fall 2014, Homework 4

The problems are from Calculus, One and Several Variables, 10th Edition by Salas, Hille and Etgen.

For practice - do not hand in

Section 3.7, Problems 18, 26, 43, 48
Chapter 3 Review, Problems 36, 48
Section 4.1, Problems 6, 14, 20, 33, 42
Section 4.2, Problems 6, 24, 43-50
Section 4.3, Problems 18, 38
Section 4.4, Problem 10, 22
Section 4.5, Problems 15, 17, 24, 63
Section 4.6, Problems 13, 30
Section 4.7, Problem 37
Section 4.8, Problems 18, 26, 57

To hand in

Section 3.7, Problem 58
Section 4.1, Problems 27, 29
Section 4.2, Problem 59. Do two proofs, one using induction one using calculus.
Section 4.3, Problem 42
Section 4.4, Problems 39, 41, 43, 48
Section 4.5, Problem 30
Section 4.6, Problem 48
Section 4.7, Problem 52
Section 4.8, Problem 56. Give proofs in parts (d) and (e).