Math 134, Fall 2014, Homework 2

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

For practice - do not hand in

Section 2.1, Problems 1-12, 16, 20, 26, 33, 36, 49
Section 2.2, Problems 16, 17, 26, 48
Section 2.3, Problems 2, 3, 20, 26, 36, 43, 44, 45-51, 55, 59
Section 2.4, Problems 1(use Problem 2's picture), 8, 10, 14, 28, 30, 40, 45, 46, 47, 53

To hand in

Section 2.2, Problems 52, 54, 55
Section 2.3, Problem 61(e)
    Hint: You can use a trick similar to the one I used in lecture in the proof of Theorem 2.3.2 (iii).
Section 2.4, Problems 20, 36, 49, 50(a), 53
Section 2.5, Problem 33