Emory University Department of Mathematics & CS
Math 211 Multivariable Calculus
Fall 2011

Problem Set # 2 (due Friday 9 Sep 2011)

Reading: CM 13.4 and 14.1-5
Note: About half of these problems are essentially "practice taking derivatives."

1. CM 13.4 Problems 34, 39 (you may assume the formula in 33)

2. CM 14.2 Exercises 2, 5, 8, 10, 26, 27, 28, 35
           Problems 40, 45

3. CM 14.3 Exercises 2, 4, 8
           Problem 32

4. CM 14.4 Exercise 13, 14, 24, 30-35 (for 30-35, no justification is required)
           Problem 51, 52, 66, 67, 70

5. CM 14.5 Exercises 12, 18, 40
           Problem 41, 49, 64

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