## EMORY UNIVERSITY DEPARTMENT OF MATHEMATICS & CS Math 211 Multivariable Calculus Spring 2010

Problem Set # 9 (due Wednesday 14 April 2010)

**Reading:** CM 16.4-5, 18.4.

- **1.** CM 16.4 Exercise 6, 8, 12, 14, 16 Problems 20, 22, 34
- **2.** CM 16.5 Exercises 12, 13, 14, 15, 18 (place these regions anywhere you find most convenient in  $\mathbb{R}^3$ ) Problems 32, 34, 38, 40
- **3.** CM 18.4 Exercises 16, 18 Problems 20, 21, 22, 34