Math2210 Midterm 3 Review Problems
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The exam covers sections 13.1-13.4 and 13.6-13.9. You will NOT need a calculator for this exam. You can bring one 8.5x11 inch sheet of paper of notes (on both sides, if you want) to use as a reference. No electronics of any sort allowed on the exam.

Topics

- Double Integrals
  - Over rectangular regions
  - Iterated (rectangular) integrals
  - Cartesian coordinates
  - Polar coordinates
  - Area
  - change of variables (Jacobian)
- Triple Integrals
  - Cartesian coordinates
  - Cylindrical coordinates
  - Spherical coordinates
  - change of variables (Jacobian)
- Volume
- Surface Area

Review Questions to do for practice:

Chapter 13 Review (pg 728-729)
    Concepts Test Problems #1-5 all, 11, 13, 14, 16, 17
    Sample Test Problems #1-12 all, 15, 16, 20, 21