Midterm I Topics.

   Problem 9, page 291.

2. Changing order of integration.
   Problem 15, page 312. Problem 4 on the first midterm from Winter 2007. The midterm is posted online at http://math.stanford.edu/ oprea/math52/.

   Problems 9, 10 page 359. Also problem 5 on the first midterm from Winter 2007.

4. Applications of double integrals: average value, mass, center of mass, polar moment of inertia.
   Problem 2, 17 page 355.

   Problems 7, 15 page 379.

6. The fundamental theorem of calculus for line integrals.

7. Gradient fields. Two dimensional curl.
   Problems 3, 7 page 399.