HOMEWORK 1 (4653, FALL 2008)

Read: *Rabinowitz*, chapters 1, 2, and *Tijms*, pp. 73-76, 243-245.

Solve: Problems 8, 10, 11, 16, 17, 18, 23 in *Rabinowitz*, p. 20-23, problems 6, 7, 15, 17, 18 (i), 20, 21, 31, 32, 33, in *Rabinowitz*, p. 44-49.

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This Homework is due Thursday Sep 18 at 4:40 pm. (right before class). Please read the collaboration policy on the course web page. Make sure you write your name in the beginning and your collaborators' names at the end. If you are unable to bring it to class, please arrange it be brought by someone else (same deadline applies).

You MUST box all the answers. Remember that the answers are not enough, you also need to provide all intermediate calculations exhibiting your logic. However, no written explanations are necessary unless the problem asks for them.