Math 525

Homework due 03/03/2010

Reading from Folland: Chapter 4: sections 4, 5 and 6.

Problems from Folland: Chapter 4 : 18, 24, 27, 43, 46 and 48.

Note: The goal of problem 43 is to show that compactness and sequential compactness on topological spaces are not equivalent notions.