

# Math 477, Homework 3, due 2/14/06

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**You are required to hand in any 12 of the following problems.**

**At least one has to be a theoretical exercise.**

**The solutions should be clearly written explanations, not just numbers.**

**Problems from the book:**

Chapter 3 – Problems: 1, 4, 10, 12, 13, 15, 22, 24, 28, 33, 45.

Chapter 3 – Problems: 53, 58, 61, 64, 66*b*, 76, 82*ab*, 84*b*, 90.

Chapter 3 – Theoretical Exercises: 6, 8, 9, 12, 22, 24, 29.