

Math 261: Homework 5 (due W November 5)

Part I. Read chapter 6.

Part II. Easier problems.

Ch.5

1(v),(vi), 2,

4 (do parts (i),(ii),(iii),(v) only – no need to give proofs here),

9, 12, 13 (on all of these try to give very careful and logical proofs),

15(i)–(iii), 39 (do question 37 below first!).

Part III. Harder ones.

Ch.5

3(i),(ii),(v), 24, 37.