

Ma 5a **HOMEWORK ASSIGNMENT 8** **FALL 2010**

INSTRUCTOR: D. RAMAKRISHNAN 278 SLOAN ×4348

It is advisable to do all the problems. But the only ones which need to be turned in are the five which are underlined *and* in bold, like **15**. Give details; part of what one must learn is the art of describing logical reasoning precisely and with no gaps. The exercises are taken from the text, *Abstract Algebra* (third edition) by Dummitt and Foote. This is the last HW assignment which will need to be turned in.

Assignment 8

(due on Wednesday, December 1, by 4 PM)

Pages 184 – 187: 1, 2, 6, **7**, **20**, 21

Pages 198 – 201: 1, **4**, 8, **16**

Pages 220 – 221: 1, 2, **4**