

Math 100a Fall 2015 Homework 8

Due Wednesday 11/25/2015 by 5pm in HW box in basement of AP&M

Reading

All references are to Beachy and Blair, 3rd edition.

Read sections 7.2-7.4.

Assigned Problems (write up full solutions and hand in):

Section 3.7 #13

Section 7.2 #13, 17

Section 7.3 #1, 2, 5, 12

Hints: For 7.2 #17, it may help to use the theorem we proved in class: If G is a group with center Z such that G/Z is cyclic, then G is abelian. For 7.3 #12, consider a similar method as in 7.3 #2.

Optional problems (handing in is not required)

(none this week)