

# Assignments:

Asn. 3

Marked exercises in sections 3.3, 3.5  
Draft due Mon 9/11, Final Due Fri 9/15.

Asn. 4

Marked exercises in sec. 4.4,  
Draft due Mon, 9/18, Final due Fri 9/22.

Final Exam: Wed 9/27

Wed.  
9/13

I. Questions on H.W

II. Propositions for Section 5.1.

→ 0, Section 5.1 #12 is done.

Fri.  
9/15

I. Some terminology:

A. Ring (commutative vs. non-com.)

B. Field

II. Properties of ordered. Trichotomy. Def. of positive/negative.

III.  $\mathbb{R}$  is an ordered field. Note that  $\mathbb{Z}_2$ , the smallest finite field, is not ordered. (Have them compute the multiplication table, etc, and see if it's  $\neq$ )

Mon.  
9/18

III. If time remains, do some  
exercise from Sec. 5.4, (see examples  
in text.)

Wed  
9/20  
O. Catch up!

Recall 6.1  
is preparation  
for class.

Fri.  
9/22  
Discuss set  
operations and  
introduce collections of sets and  
the general definition of union  
and intersection.