

Math 109 Winter 2015 Homework 10

This homework is not to be handed in, but you should finish these problems by Friday
March 13.

Reading

Finish reading 10-12 and do the end of the chapter exercises (do not write up) as you read along.

Assigned problems from the text

In the Problems III which begin on page 182 of the text, do #1, 11, 16, 17, 20.

Remarks:

You should read the general inclusion/exclusion formula which is stated in problem #4, which is needed for problems #16 and #17; but you don't have to do problem #4.

In #20, my suggestion is first just find two different subsets that have the same sum, without worrying if they are disjoint. Then show if you can find two subsets with the same sum, there must be two disjoint subsets with the same sum.