

# Assignment 9 (10/13)

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*This homework is due at the beginning of class on Friday 10/20. You may cite results from class as appropriate. Unless otherwise stated, you must provide a complete explanation for your solutions, not simply an answer. You are encouraged to work together on these problems, but you must write up your solutions independently.*

*You are encouraged to think about the problems marked with a (\*) if you have time, but you don't need to hand them in.*

Remember that you can always use the result of the previous assignment problems without proof to solve the new assignment problems.

## Problem 0★

Over the third and fourth week we will be covering chapter 14. Try to read the corresponding sections from book everyday after class.

## Problem 1

Problems 13.1.(12, 13).

## Problem 2

Problems 14.3.(75, 77).

## Problem 3

Problems 14.6.(11, 17, 19, 27, 33).