Project 1: Homework R  
MATH120-07  
Fall 2008

There are two major goals of this first project:

1. Meet some of your classmates.
2. Review some mathematics that you are supposed to already know.

For this project, you are to solve and submit solutions to the nine homework questions listed below as part of a group of 4 or 5 students. These are all exercises in the review chapter, but they are not the easiest exercises in the sections. You are also to meet your teammates. Each group will turn in just one copy of the project and everyone in the group will receive the same score. This project is due on Wednesday, September 3. This project will count as two quizzes in the quiz total. I will give one BONUS point to groups that turn in this project on Friday, August 29.

I. Meet your teammates and and turn in a list of statements of the form:
X knows that Y . . .
where each member of the group is X at least once and is Y at least once.
For example, a group with students Alice, Bob, Cindy, Dana and Efrim might turn in statements:

Alice knows that Bob is a freshman.
Bob knows that Cindy is a biology major.
Cindy knows that Dana works at Crazy Bowls and Wraps.
Dana knows that Efrim skydives.
Efrim knows that Alice is from Wyoming.
Cindy knows that Bob has two girlfriends.

II. Solve the following nine exercises from the textbook. These have answers in the back of the book. I will be grading your WORK rather than just your answers.

Section R.1: page 16, #95
Section R.2: page 27, #91
Section R.3: page 36, #33
Section R.4: page 49, #97
Section R.5: page 56, #63
Section R.7: page 70, #67 and page 71, #75
Section R.8: page 78, #73 and #83