

# Concepts of Math: Recitation 17

October 26, 2015

## Midterm 2 Review

Important: the quality of explanation matters more than quantity of problems solved.

1. Please see Midterm 2 Practice problems, posted on Irina's Blackboard and <https://www.andrew.cmu.edu/~andrew127/homeworks/practice2.pdf>. The solutions are available already. Go over problems 6, 8, 10.
2. In Homework 4 review problems 2 (c,d) and 7. In Homework 5 review problems 1 and 5.
3. Here is a problem that you did in an earlier recitation. Please solve it again. In how many ways can 18 different books be given to Tara, Danny, Shannon, and Mike, so that one person has six books, one has two books, and the other two people have five books each? Now let's change it a bit. In how many ways can 18 different books be given to Tara, Danny, Shannon, and Mike, so that two people have six books each, and the other two people have three books each? In how many ways can 18 different books be given to Tara, Danny, Shannon, and Mike, so that three people have five books each, and one person has three books?