Math 10 - Spring 2013
Homework 6
Due May 6, 2013

All life is an experiment. The more experiments you make, the better.— Ralph Waldo Emerson

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Turn in: Exercises 5.16, 5.18, 5.22, 5.25, 5.30, 5.40, 5.44 from the textbook, and problem 8 below.

8. Perform an ANOVA test on the following data for the 3 groups below, assuming the data satisfies all of the necessary conditions (don't just copy the data into R.) Fill out an ANOVA table by computing the degrees of freedom, Sums of squares and mean square values. Finally compute the F value, and use R to compute the p-value associated to it. To find the p-value in R, use the command `1-pf(F-value,DFg,DFe)` Is there evidence that one group is different from the others?

Group 1	Group 2	Group 3
4	1	4
6	2	6
6	3	5
5	2	