Homework Assignment For Weeks #9-10

Reading Assignment

Read the following sections of your textbook:

Section 7.6, Section 7.7, Section 8.1, Section 8.3, Section 8.4

Practice Problems

Do as many of the following problems as you can to practice for the homework quiz on Monday, May 12. You may use your solutions to these problems as notes while taking the quiz. (You may not use your textbook or other materials during the quiz.)

Section 7.6, # 1, 5, 9, 11, 13, 15, 17, 19, 21, 25, 43, 45, 57, 51
Section 7.7, # 1, 3, 7, 17, 19, 21, 25, 27, 29, 35, 37, 41, 45, 49, 55, 57, 71, 73
Section 8.1, # 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 29
Section 8.3, # 3, 5, 7, 9, 11, 15, 17, 19, 29
Section 8.4, # 1, 3, 5, 11, 15, 17, 19, 23, 25, 27, 29, 33, 35, 37, 39, 45, 47

Comments: For problem 7.6.43, you should write down two fractions: one for each door that tells you what part of a theater can empty through that door every minute. Adding those fractions will tell you what fraction of the theater can empty through both doors together every minute. Problem 7.6.45 is similar.

Exam #3 will cover Sections 6.1-6.4, 7.1-7.4 and 7.6.