Math 110

Chapter 12 Study Guide for Exam 3

The Unit 3 Test will be on Thursday, Nov. 13th with 1 hour 10 min. provided to complete the exam over Sections 12.1, 12.2, 12.3, 12.5, 12.6, 12.9, 12.10

Follow-up on your plans outlined in your reflections after Unit 2 exam. Review your notes, text, labs, homework, quiz, MathXL assignments, and work problems that you need additional practice from the list below:

**Topics** **Section- Recommended Problems to Work**

Solving Probability Problems using Read Section 12.10 pp. 752-755  
combinations Do **#**1, 3, 9, 13, 15, 23, 25 on p. 755-757

Tree diagrams & counting principle Chapter Test #9,10, 14 on pp. 771 & #15 & 16 on pp. 713-714  
  
Empirical Probability Chapter Test #1 on pp. 771

Theoretical Probability Chapter Test #2-8 on pp. 771

Odds Chapter Test #15 on pp. 771, #17 on p. 768

Probability with OR and AND Chapter Test #11, 12, 13 on pp. 771

Permutations and Combinations Chapter Review #52, 53, 54, 59 on p. 770

Probability is a relatively new branch of mathematics. Which family is credited with pioneering probability and what did they do in this area of mathematics?

Assignment Due for Tues.

Textbook-Read pp. 691-694

Textbook Problems 12.2 #29-35, 59-64 on pp. 688-689  
& 12.3 #9, 17, 21, 22, 26 on pp. 694-695

Complete [Online Sections 12.3](http://pearsonmylabandmastering.com)