Assignment 11, Math 240, Fall 2005
Due: 2:45pm, October 25. Value: 18 pts.

Based on October 18 material (§**4.5, 5.1**)

Note that answers to all odd-numbered exercises are in the back of the book. However, I will give credit only when you give an accurate explanation of the answer.

Problem A. §4.5 (p 342): 11.

Problem B. §4.5 (p 342): 12.

Problem C. §4.5 (p 343): 27.

Problem D. When drawing a 5-card hand from a 52-card deck, what is the probability of drawing the suicide king (i.e., the king of hearts)?

Problem E. When drawing a 5-card hand from a 52-card deck, what is the probability of drawing a one-eyed jack (or both of them)? (The one-eyed jacks, incidentally, are the jack of spades and the jack of hearts.)