HOMEWORK 2, STAT 4351

All problems are from the text, pp. 30–39

1. Exerc. 2.4(c)
2. Exerc. 2.5(b)
3. Exerc. 2.6
4. Exerc. 2.7
5. Exerc. 2.8
6. Exerc. 2.9(a)
7. Exerc. 2.9(b)
8. Exerc. 2.11
9. Exerc. 2.14
10. Exerc. 2.15

Very nice extra problem (no points): Let E, F, and G be three events. Find expressions for the events that of E, F and G:

a. only F occurs
b. both E and F but not G occur
c. at least one event occurs
d. at least two events occur
e. all three events occur
f. none occurs
g. at most one occurs
h. at most two occur