HOMEWORK #2 (revised)

Due Friday, October 15, 2010 (5:00 p.m.)

Reading: Read Chapters 3 and 4

Problems:

1. Show that the power set $\mathcal{P}$ of the finite sample space Ω with n outcomes has 2^n elements.

2. Problem 2.26

3. Problem 3.7

4. Problem 3.20

5. Problem 3.28

6. Problem 3.35

7. Problem 4.10

8. Problem 4.18

9. Problem 4.21