HOMEWORK #2

Due Friday, October 10, 2008 (5:00 p.m.)

Reading: Read Chapters 3 and 4

Problems:

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

2. Problem 2.18

3. Problem 3.8

4. Problem 3.21

5. Problem 3.28

6. Problem 3.35