

# Homework 1, Stat/Ma 320 Fall 2004

Due Sept. 2

1. Page 35 problem 6.
2. Page 37 problem 22.
3. Use an example to show that even if events  $A$  and  $B$  are disjoint and  $P(A) + P(B) = 1$ , we do not necessarily have  $A \cup B = \Omega$ .