STAT 575
Homework 3 Problems
due Wednesday February 8

2 Problems to be graded. Show all work. 2 Extra Practice Problem.

1. p. 78, 3-10 (Hint: This is the Weibull distribution).

2. p. 78, 3-12

Extra Practice Problem NOT to be graded

3. p. 77, 3-5
For this problem you should write down the pdf of X and derive the Var(X).
You should NOT just plug in values of a and b into (2.40) to get the answer. (You can use this as a check!)

4. p. 78, 3-11 (done in class)