Stat 252 Winter 2006
Assignment #4

This assignment is due at the beginning of class on Monday, February 6, 2006. You must submit all problems that are marked with an asterix (*).

1. Do the following exercises from Wackerly, et al.

- #8.10, page 369
- #8.15, page 370
- #8.30, page 379
- #8.32, page 380 (This is somewhat challenging.)

Stat 252 Winter 2006
Assignment #5

This assignment is due at the beginning of class on Monday, February 13, 2006. You must submit all problems that are marked with an asterix (*).

1. Do the following exercises from Wackerly, et al.

- #8.36, #8.37, #8.38, page 384
- #8.43, page 391
- #8.25, page 378
- #8.50, page 393

2. * Say that the data from an experiment will consist of a single observation X from the Exponential(λ) distribution, where λ is unknown. Verify that

$$\left(\frac{-\log(0.95)}{X}, \frac{-\log(.05)}{X}\right)$$

is a 90% confidence interval for λ.