1. Find the method of moment estimators (MMEs) of the unknown parameters based on a random sample $X_1, X_2, \ldots, X_n$ of size $n$ from the following distributions:
   
   (a) Negative Binomial $(3, p)$, unknown $p$
   
   (b) Double Exponential $(\mu, \sigma)$, unknown $\mu$ and $\sigma$

   See “Table of Common Distributions” in Casella & Berger (pages 623-623) for the definitions/properties of the above distributions.

2. Problem 7.1, Casella & Berger

3. Problem 7.7, Casella & Berger

4. Problem 7.9, Casella & Berger (Skip the last part about comparing the two estimators; we’ll get to that later.)