STA 200B Homework 4
Due: Wednesday, Feb. 3, in class

Reading: 7.8

Problems:

Section 7.7: 2, 10, 12, 16

Section 7.8: 2, 4

Section 7.10: 21

Additional Problem: (a) Show that the Gamma distributions form an exponential family (use the form as given in the textbook/lecture notes). (b) Use the exponential family representation to solve problem 7.7.14.