Homework #3

Due 3/5 in class

1. (60 points, 5 points each) Chapter 4, problems #1, #4, #5, #7, #12, #13, #16, #19, #21, #26, #28, and #32. For problem #5, $P_0 = 0.1$. For problem #7, assume that the new virtual station number is used in each frame transmission round. For problem #28, 2nd part, you can compare the effective data rate of the token ring LAN with the solution obtained in problem #19 for the CSMA/CD LAN to see which LAN can yield a higher data rate.