Math 477, Worksheet for lecture 13

Name: Net ID:	
2.	If a coin is flipped 65 times, approximate the probability that it comes up heads at least 45 times?
3.	Suppose that on average, a certain region is hit by 3 hurricanes per year (following a Poisson distribution) What is the probability that there are no hurricanes in a given year? What is the conditional probability that the region has a hurricane in the second year, assuming it didn't have one in the first year?