Example - Poisson

Accidents occur on University Avenue at a Poisson rate of two per day. What is the probability that during March there are exactly three days without accident, assuming that the number of days without accidents in March is also Poisson.

Example - Poisson Process

Female customers arrive at a grocery store at a Poisson rate of 2/3 pe minute.What is the probability that 15 females enter the store between 10:30 and 10.45?