

8. (a) Use the Poisson distribution, equation (5-10), with $\lambda = 2$.

$$P(X > 2) = 1 - P(X \leq 2) = 1 - .6767 = .3233.$$

150

-
- (b) Use the Poisson distribution, equation (5-10), with $\lambda = 1$.

$$P(X = 0) = .3679.$$