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PHZ4390
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Bonus Question 7

Due Wednesday, Oct. 30

1. (5 pts) Plot using wxMaxima or another program the Poisson distribution for $\mu = 60$ and the Gaussian distribution that has the same mean and standard deviation.
2. (5 pts) For the Poisson, use wxMaxima or another program to calculate the probabilities for the count being within $\pm 1\sigma$ and $\pm 2\sigma$ of the mean. Compare these numbers to the corresponding interval for the Gaussian.