

INSTRUCTIONS FOR BACK OF SIMULATIONS WORKSHEET

For Simulation One,

- 1) Go to the following website: <http://www.rossmanchance.com/applets/OneProp/OneProp.htm?candy=1>
- 2) Settings:
 - Leave the probability of orange set to 0.5 and the number of candies set to 25.
 - Change the number of samples according to the N-value at the top of each box on your sheet as you get to each one.
 - Select "Proportion of Orange"
 - Select "Summary Stats"
- 3) Click "Draw Samples"
- 4) Sketch the graph and record key information (mean/standard deviation) for each graph that you do

****NOTE: If you uncheck the box for "Animate", then you can get your graph faster!!!****

For Simulation Two,

- 1) Go to the following website: http://www.lock5stat.com/StatKey/sampling_1_quant/sampling_1_quant.html
- 2) Settings:
 - Select "Hollywood Movies-2e Budget" from the top left blue drop down menu
- 3) Generate the number of samples that you need according to the N-value at the top of each box on your sheet by clicking the corresponding blue buttons (possibly more than once... ex: 500 = 100x5)
- 4) Sketch the graph and record key information (mean/standard deviation) for each graph that you do

****NOTE: You need to "RESET PLOT" between each new N-value!!!****