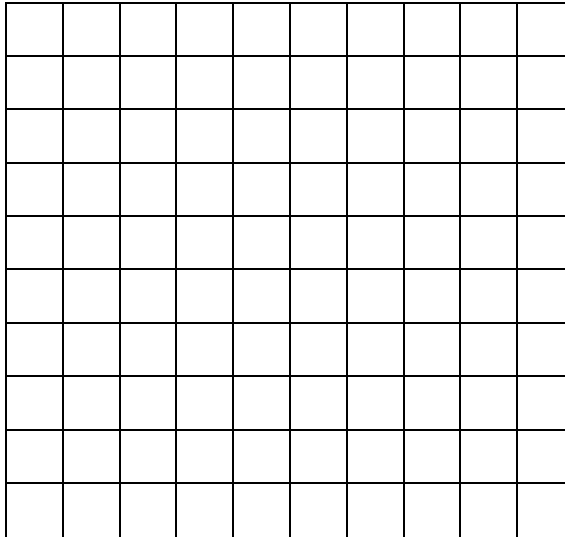


Analysis: Graph your results on the graph below. Use two colored pencils. Remember to use the 5 steps of graphing.



Conclusion:

1. What did the experiment show about how prey is selected by predators?

2. What moth coloration is the best adaptation for a dark (green) background? How do you know?

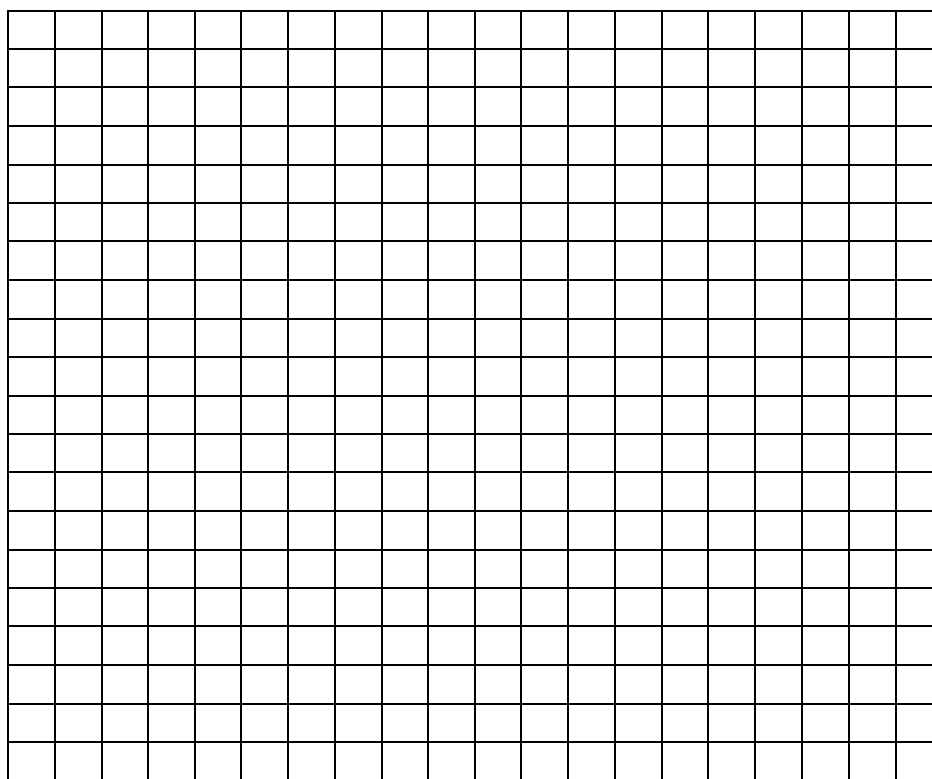
3. What would you expect the next generation of moths to look like after trial 1? What about the next generation after trial 3?

4. How does the simulation model natural selection?

Peppered Moth Data

Examine the table below. Construct a graph using the data. (You should have two lines on you graph.)

Year	# of Light Moths Captured	# of Dark Moths Captured	Year	# of Light Moths Captured	# of Dark Moths Captured
1	576	112	6	225	412
2	537	198	7	193	503
3	484	210	8	147	550
4	392	281	9	84	559
5	246	337	10	56	637



1. Explain, in your own words, what the graph shows.

2. Describe a situation where this type of selection might occur.