

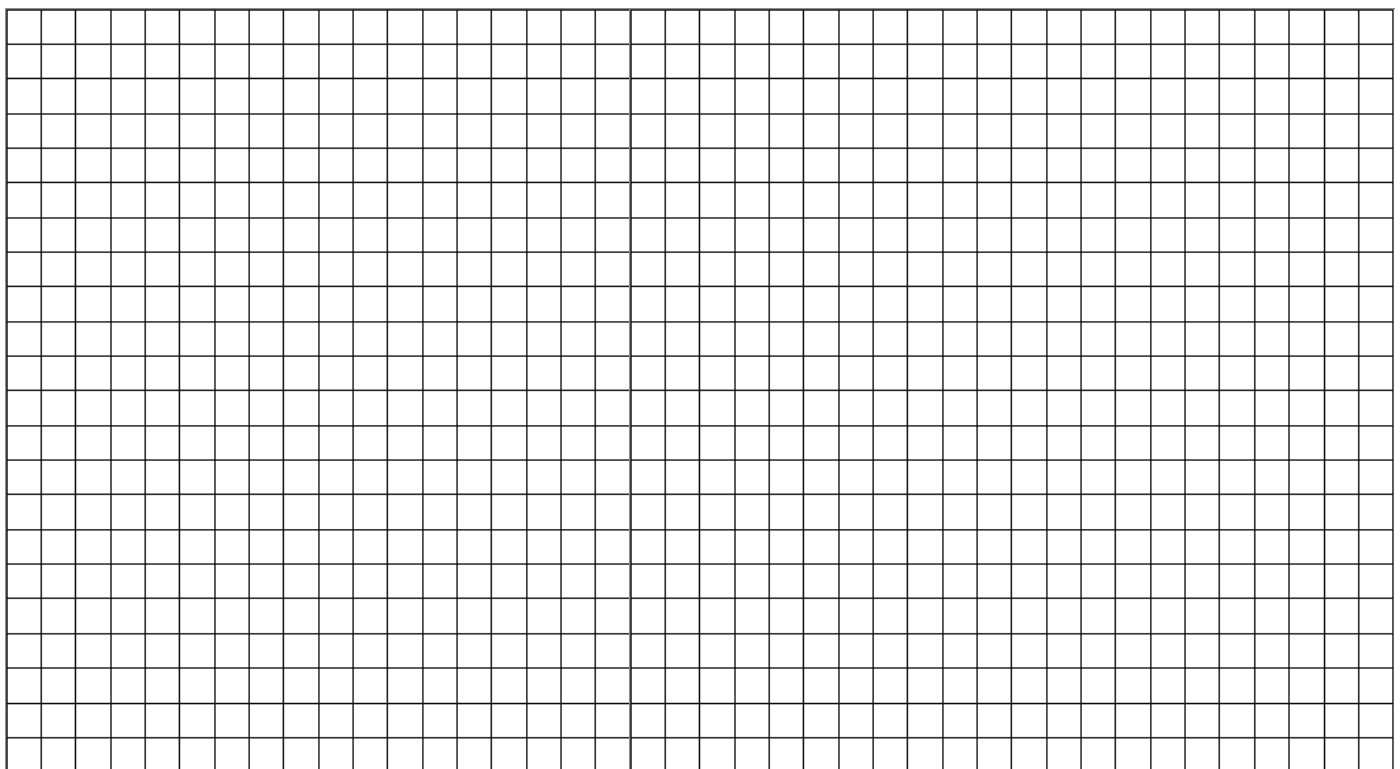
III. Hypothesis : \_\_\_\_\_

**Table 1 - Data Collection: Wingo Beak Shape Survivors**

Generation	Wingo Beak Shape				
	clothespin	tweezer	knife	needle	spoon
0					
1					
2					
3					
4					
5					

**Data Analysis**

1. Graph number of Wingo survivors for each beak shape Generation 0 through Generation 7. Correctly label graph axes.



2. What was the most successful Wingo beak shape according to our simulation?
3. What happened to the Wingos with the beak shape that could not successfully compete on the island?
4. How are your results related to evolution?
5. If only one species is considered the “fittest” for a particular niche, why do we still have so many variations among species?
6. Why is genetic variation advantageous for a species survival?
7. Give an example of natural selection in action today.