Population Growth Experiment

1. Please record the data from the Population Growth Experiment in the table below:

Iteration	0	1	2	3	4	5	6	7	8
New Population									

2. Use a colored pencil to copy the scatterplot of your data below. Be sure to label the axes.

3. What is the exponential equation that matches your data? (Round decimals to two decimal places.)

   $Y = $ _____

4. Go back to the scatterplot in number 2. Copy the graph of your function in number 3 onto the same graph, in a different color.

5. In complete sentences, state how well you feel that the function fits your data.