Half-Life from Data

Step 1: Fill in the table below with the data that was generated for you from the program. Then use a graphing program or graph by hand to create a graph with time on the x-axis and mass on the y-axis.



Step 2: Curve fit your graph and then draw the best curve for the data points given above. Write your equation in the space below.

Step 3: Circle the starting location for your graph and then write down the mass of radioactive material that you had at time zero.

Step 4: On the graph, show how you determined the half-life of your material. Enter your answers into your program to verify that you did everything correctly