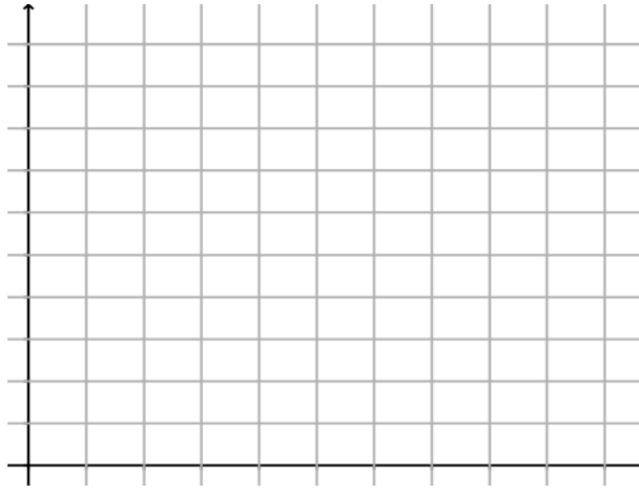


3. The table below represents the life expectancy of people born in Hawaii during given years. Plot the data points.

Year of Birth	Life Expectancy (Years)
1910	43.9
1930	54.3
1950	69.75
1970	74.2
1990	79
1920	45.7
1940	62.4
1960	72.6
1980	78



- a. Approximate the line of best fit and provide its symbolic representation.
- b. According to your line, what is your life expectancy if you were born in Hawaii in the year 2000?
- c. Use your line of best fit to predict in what birth year the life expectancy was only 40 years.