Big Idea: Situations can be modeled many different ways (table, graph, equation). All are good representations that are all related to each other.

In 1977 Bolivia had a population of about 5 million people. During the following 20 years the population is increased by an average of about 0.2 million people per year. Predict what the population was in 1997.

Show/explain three different ways to solve using the following methods:

Equation

$$y = 0.2x + 5$$

In 1977, I predict the population of Bolivia is 9 million.

Table

Year	Population
0	5
1	5.2
2	5.4
3	5.6
20	9

Graph