

Growing, Growing, Gone

A Solidify Understanding Task

1. The U.S. population in 1910 was 92 million people. In 1990 the population was 250 million. Create both a linear and an exponential model of the population from 1910 to 2030, with projected data points at least every 20 years, starting in 1910.

2. The actual U.S. population data (in millions) was:

1930: 122.8

1950: 152.3

1970: 204.9

Which model provides a better forecast of the U.S. population for the year 2030? Explain your answer.