

The population of a town can be modeled by $f(x) = 0.02x^3 - 2x^2 + 4x + 8000$, where x is the number of years since 2000. Use synthetic substitution to estimate the population of the town in 2060.



Enter your answers in the spaces provided.

60 | 0.02 - 2 4 8000

1.2

- 48

0.02

- 0.8

The estimated population of the town in 2060 is