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        [ -2640 ]
      _____

     0.02      -0.8      [ -44 ]    [ 5360 ]
```

The estimated population of the town in 2060 is [5360].