Today, you deposit $1250 into an account with 2.6% APR compounded weekly. In 5 years, the account interest rate will change to 4.8% APR compounded monthly.

How much money will you have in the account 12 years from now?

First, we must push the initial $1250 forward by 5 years according to the initial rate, and then we push the resulting amount forward by the remaining 7 years according to the revised rate.

\[
\begin{align*}
\text{2014} & \quad \text{2019} & \quad \text{2026} \\
$1250 & \rightarrow 1250 \left( 1 + \frac{0.026}{52} \right)^{52 \cdot 5} & \rightarrow 1423.49 \left( 1 + \frac{0.048}{12} \right)^{12 \cdot 7} \\
& \quad = \$1990.61
\end{align*}
\]