

Pre-Cal CW 3.1-3.2 Exponential Functions and Evaluating Logs - Calculator
If you invest $\$ 8000$ at a rate of $4.5 \%$ for 7 years, what would be your balance if the interest is:

1. Compounded Continuously
2. Compounded Quarterly
3. You have inherited your grandfather's antic stopwatch, which he had purchased for $\$ 90$ in 1945. If it has appreciated, on average, at a rate of $3.5 \%$ per year what is it worth in 2023?
4. A piece of gum has 140 mg of sugar. Once chewed the half-life of sugar remaining is 6 min . How much sugar is left after 30 minutes of chewing the gum.
