Doubling Time If $5400 is invested in an account earning 7% annual interest, compounded continuously, then the number of years that it takes for the amount to grow to $10,800 is $n = \frac{\ln 2}{0.07}$. Find the number of years.  

This problem is asking us to solve for $n$ in the equation $n = \frac{\ln 2}{0.07}$. All the other given information has already been incorporated into this equation.

\[
n = \frac{\ln 2}{0.07} = 9.9021
\]

It will take $\sim 9.9$ years for this $5400 investment to grow to $10,800.