

Cora invests \$1000 at 5% compounded semi-annually. How long will it take, to the nearest whole year, for her money to double? Use the formula $A = P\left(1 + \frac{r}{n}\right)^{nt}$, where $r = 0.05$ and $n = 2$, to find the answer.

It will take _____ years for Cora's money to double when invested at 5% compounded semi-annually.