Logarithm Technique For Compound Interest

$$\frac{1000000}{700,000} = \frac{700,000 (1.015)^n}{700,000}$$

$$\ln 1.42857 = \ln 1.015^{(n)}$$

$$\frac{\ln 1.42857}{\ln 1.015} = \frac{n \ln 1.015}{\ln 1.015}$$

$$\frac{\ln 1.42857}{\ln 1.015} = n$$

$$23.9562 = n$$

$$100\left(1 + \frac{6\%}{n}\right)^{(n \cdot 6)}$$

$\wedge$

Compounded
time