

# Module 4 DBA

Arithmetic Sequence

$$\textcircled{A} A = P \left( 1 + \frac{r}{n} \right)^{nt}$$

Geometric Sequence

$$\textcircled{B} A = P(rt + 1)$$

$$\textcircled{C} I = Prt$$

Euler's Number

$$\textcircled{D} A(t) = Pe^{rt}$$

$$\textcircled{1} A = P \left( 1 + \frac{0.025}{12} \right)^{12t}$$

$$\textcircled{2} 2, -8, 32, -128$$

$$\textcircled{3} 50, 46, 42, 38, 34$$
$$a_n = a_1 + d(n - 1)$$

$\textcircled{4}$  A 18-month investment of \$10 at 5% interest compounded continuously.

$\textcircled{5}$  Investments & Loans: Pros & Cons

- Simple Interest
- Compound Interest
- Continuous Compound Interest

# Flvs Financial Algebra Cheats

**R Pring**



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