Compounded Annual Growth Rate Formula

$$CAGR = \left[\left(\frac{\text{Ending Investment Amount}}{\text{Start Amount}} \right)^{\frac{1}{\text{Number of Years}}} - 1 \right]$$

$$CAGR = \underset{Frequency}{Compounding} \times \left[\underbrace{\frac{Ending Investment Amount}{Start Amount}} \right]^{\frac{1}{Number of Years} \times Compounding Frequency} - 1 \right]$$