

## COMPOUND INTEREST TABLES

### Formulas for Calculating Compound Interest Factors

Single Payment—Compound Amount Factor  $(1 + i)^n$   
*(F/P, i%, n)*

Single Payment—Present Worth Factor  $\frac{1}{(1 + i)^n}$   
*(P/F, i%, n)*

Sinking Fund Factor  $\frac{i}{(1 + i)^n - 1}$   
*(A/F, i%, n)*

Capital Recovery Factor  $\frac{i(1 + i)^n}{(1 + i)^n - 1}$   
*(A/P, i%, n)*

Uniform Series—Compound Amount Factor  $\frac{(1 + i)^n - 1}{i}$   
*(F/A, i%, n)*

Uniform Series—Present Worth Factor  $\frac{(1 + i)^n - 1}{i(1 + i)^n}$   
*(P/A, i%, n)*

Uniform Gradient—Conversion Factor  $\frac{1}{i} - \frac{n}{i} \left[ \frac{i}{(1 + i)^n - 1} \right]$   
*(A/G, i%, n)*

Uniform Gradient—Present Worth Factor  $\frac{1}{i} \left[ \frac{(1 + i)^n - 1}{i(1 + i)^n} \right] - \frac{n}{i(1 + i)^n}$   
*(P/G, i%, n)*