Some of the formulas you may need:

$$F = A \left(\frac{F}{A}, i\%, n\right) = A \left[\frac{(1 + i)^n - 1}{i}\right] \qquad A = F \left(\frac{A}{F}, i\%, n\right) = F \left[\frac{i}{(1 + i)^n - 1}\right]$$

$$A = P \left(\frac{A}{P}, i\%, n\right) = P \left[\frac{i(1 + i)^n}{(1 + i)^n - 1}\right] \qquad P = A \left(\frac{P}{A}, i\%, n\right) = A \left[\frac{(1 + i)^n - 1}{i(1 + i)^n}\right]$$

$$F = P \left(\frac{F}{P}, i, n\right) = P(1 + i)^n \qquad P = F \left(\frac{P}{F}, i, n\right) = F \frac{1}{(1 + i)^n}$$

$$P' = A \left[\frac{(1 + i)^n - 1}{i(1 + i)^n}\right]$$

$$P'' = G \left[\frac{(1 + i)^n - in - 1}{i^2 (1 + i)^n}\right]$$

When i<>g:
$$P = A_1 \left[\frac{1 - (1 + g)^n (1 + i)^{-n}}{i - g}\right]$$

When i=g:
$$P = A_1 \left[n(1 + i)^{-1}\right]$$

$$EUAC = (P - S)(A/P, i, n) + Si$$

$$i_a = (1 + r/m)^m - 1 \qquad\qquad \text{Capitalized Cost} = P = A/i$$

$$i' = (i\text{-}f)/(1 + f)$$