Table 1: Simplified Time Value of Money Equations

Factor Notation	Equation
(F|P,i,N)	$F = P(1+i)^N$
(P|F,i,N)	$P = \frac{F}{(1+i)^N}$
(F|A,i,N)	$F = A\left(\frac{(1+i)^N-1}{i}\right)$
(A|F,i,N)	$A = F\left(\frac{i}{(1+i)^N-1}\right)$
(P|A,i,N)	$P = A\left(\frac{(1+i)^N-1}{i(1+i)^N}\right)$
(A|P,i,N)	$A = P\left(\frac{i(1+i)^N}{(1+i)^N-1}\right)$
(P|G,i,N)	$P = G\left(\frac{(1+i)^N-iN-1}{i^2(1+i)^N}\right)$
(P|A_1,i,g,N)	$P = A_1\left(\frac{1-(1+g)^N(1+i)^{-N}}{i-g}\right)$ or $P = A_1\left(\frac{N}{1+i}\right)\ (if: i = g)$