Equations from Finance

1, $r_r = \frac{1+r_n}{1+i} - 1$	**2,** $FV_n = C_0 \times (1+\mathrm{r})^n$	**3,** $PV = C_n \times \left[\frac{1}{(1+r)^n}\right]$
4, $P = \frac{C}{r-g} = \frac{C \times p}{100 \times (r-g)}$		**5,** $FV = c \times \frac{(1+r)^n - 1}{r} \times [1+r]$
6, $P = \frac{c}{r} = \frac{p \times C}{i \times 100}$	**7,** $FV = C_0 \times (1 + r_1 \times n_1 + r_2 \times n_2 + \cdots r_n \times n_n)$	**8,** $r^* = \frac{d}{1-d \times t}$
9, $PV = C_n \times \frac{1}{(1+n \times r)}$		**10,** $PV = N \times (1 - d \times t)$
11, $AF_{r,n} = \frac{(1+r)^n - 1}{(1+r)^n \times r}$		**12,** $d^* = \frac{i}{1+i \times t}$
13, $FV = C_0 \times (1 + r \times n_1) \times \left(1 + \frac{r}{f}\right)^N \times (1 + r \times n_2)$		
14, $PV = c \times AF_{r,n} + N \times DF_{r,n}$		**15,** $DF_{r,n} = \frac{1}{(1+r)^n}$
16, $r^* = \sqrt[m]{(1 + r_{eff})} - 1$		**17,** $P = c \times \frac{1 - \left(\frac{1+g}{1+r}\right)^n}{r-g}$
18, $X = \frac{c \times t}{T}$	**19,** $r = \frac{P_1 - P_0 + Div_1}{P_0} = \frac{P_1}{P_0} - 1 + \frac{Div_1}{P_0}$	**20,** $r = \frac{P_1}{P_0} - 1$
21, $r_n = \left(\frac{P_1}{P_0} - 1\right) \times \frac{1}{t}$		**22,** $r_e = \left(\frac{P_1}{P_0}\right)^{\frac{1}{t}} - 1$
23, $r_i = ln\left(\frac{P_1}{P_0}\right) \times \frac{1}{t}$		**24,** $r_c = r_s + \frac{\frac{N-P}{n}}{P}$
25, $t = \frac{1}{d} - \frac{1}{i}$	**26,** $PV = \frac{c}{r}$	**27,** $c = \frac{PV}{AF_{r,n}}$ **28,** $PV = \frac{C_1}{r-g}$
29, $\mathrm{PV} = \sum_{k=1}^{n} \frac{CF_k}{(1+r)^k}$		**30,**
31, $r_n = \frac{\sum_{i=1}^{n} I_i}{N}$		**32,** $r_s = \frac{\sum_{i=1}^{n} I_i}{P}$
33, $PV = c \times \frac{(1+r)^n - 1}{(1+r)^n \times r} \times [1+r]$		**34,** $K = FV - c \times n \times m;\ K = c \times n \times m - PV$
35, $PV = \frac{N}{(1+r_n)^n}$		**36,** $PV = \frac{N}{1 + r_n \times \frac{n}{360}}$
37, $c_n = c_1 \times (1+\mathrm{r})^{n-1}$		**38,** $FV = C_0 \times \left(1 + \frac{r}{f}\right)^{n \times f}$
39, $r_{eff} = (1 + \frac{r}{f})^f - 1$		**40,** $FV = C_0 \times e^{r*n}$
41, $r_{eff} = e^r - 1$		**42,** $FV = c \times \frac{(1+\frac{r}{f})^{n*f} - 1}{\frac{r}{f}} \times \left[1 + \frac{r}{f}\right]$
43, $fv = c \times \left[\mathrm{n} + r \times \frac{n(n+1)}{2 \times f}\right]$		**44,** $PV = c \times \frac{(1+\frac{r}{f})^{n*f} - 1}{\frac{r}{f} * \left(1+\frac{r}{f}\right)^{n*f}} \times \left[1 + \frac{r}{f}\right]$
44,		**45,**

Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sept.	Oct.	Nov.	Dec.
31	28/29[1]	31	30	31	30	31	31	30	31	30	31

[1] Szökőévben a február 29 napos a „szokásos” 28 nappal szemben.