

Compound interest $F = P(1+i)^N$

Simple interest $F = P(1+iN)$

Cash inflow $F = P(1+i)^N \pm \dots$

Purchase machine $X(1+i)^N = P(1+i)^{N-1} \dots$

Year Discount Rate

Discount Rate $DR = [(1+i)^N - 1] \times 100\%$

Future value of property $FV \times PV \text{ Table } (i, \text{years})$

$X(1+i)^N = 9000(1+i)^N$

Fixed Amount Deposit

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

Periodic Payments

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

Present Worth

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