

$$y = a(1 + r)^x$$

$$a_n = a_1 r^{n-1}$$

$$S = P \left(1 + \frac{r}{k}\right)^{kt}$$

$$a_n = a_1 + (n - 1)d$$

$$P = \frac{S}{\left(1 + \frac{r}{k}\right)^{kt}}$$

$$S_n = \frac{n(a_1 + a_n)}{2}$$

$$S = Pe^{rt}$$

$$S_n = \frac{a_1(1 - r^n)}{1 - r}$$

$$S = \frac{R \left( \left(1 + \frac{r}{k}\right)^{kt} - 1 \right)}{\left(\frac{r}{k}\right)}$$

$$S = \frac{a_1}{1 - r}$$

$$A = \frac{R \left( 1 - \left(1 + \frac{r}{k}\right)^{(-kt)} \right)}{\left(\frac{r}{k}\right)}$$

$$R = \frac{A \left(\frac{r}{k}\right)}{\left( 1 - \left(1 + \frac{r}{k}\right)^{(-kt)} \right)}$$