

$b = -1$     $c = 1$     $yc^r - r + \frac{r}{c} c = 0$     $\leftarrow -\frac{1}{c} + c = -\frac{r}{c}$     $-b = c^{-1}$

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$y = 1 - \log_c (a^x - b)$     $x=0$     $y=r$     $1 - \log_c (-b)$

$b + c = -\frac{r}{c}$     $1 - \log_c (a^x - b) = 0 \rightarrow 1 = \log_c (a^x - b)$

$(a+c)b = ?$     $\rightarrow \left(\frac{1}{1+\frac{r}{c}}\right) \frac{1}{c} = -\frac{1}{c}$     $(a=1)$

$\frac{1}{\Delta} a - b = c$     $\leftarrow \frac{1}{\Delta} a + \frac{1}{c} = c$

$f(x) = 1 + Cx^a$     $x=1$     $y=0$     $1 + Cx^a = 0$

$f(x) = 1 + Cx^a$     $x=\frac{1}{c}$     $y=\frac{r}{c}$     $1 + Cx^a = \frac{r}{c}$

$Cx^a = -1$     $Cx^a = -\frac{1}{c}$     $Cx^a = -\frac{1}{c}$

$f(-1) = 1 + Cx^a = \frac{1}{a}$     $b=1$

$y = C + \log_a(ax + b)$     $x=r/c$     $C + \log_a(a(r/c) + b)$

$x=0$     $y=r$     $C + \log_a(b) = r - C$

$\frac{a}{b} = -\frac{r}{10}$     $\frac{r-c}{a} = b$

$90a = -r/cb$     $r \Delta (r/2a + b) = b$

$f(x) = \log_f(|x^r - r| - x)$     $|x^r - r| - x > 0$     $D_f = (-r, -1)$

$|x^r - r| - x > 0 \rightarrow |x^r - r| > x \rightarrow \begin{cases} x^r - r > x \\ x^r - r < -x \end{cases} \rightarrow x^r - x - r \rightarrow (x-r)(x+1)$

$f(x) = r + r = r \rightarrow r = r \rightarrow b - a = 1$

$g(m) = -x^r - rx + 1$     $x=1$     $-1 - r + 1 = 0$

$f^{-1}(1) = 1 \rightarrow f(1) = 1$

$b+a = 1$     $b+a = r$     $b-a = 1$

$r+b = 1$     $b=r$     $a=1$

$$f(x) = -r + \left(\frac{1}{r}\right) Ax + B \xrightarrow{x=1}$$

$$y = x^r - x \begin{cases} x=1 \rightarrow y=0 \\ x=r \rightarrow y=r \end{cases}$$

$$\begin{cases} -r + \left(\frac{1}{r}\right) A + B = 0 \\ -r + \left(\frac{1}{r}\right) A + B = r \end{cases} \Rightarrow \begin{cases} A + B = r \\ -A - B = r \end{cases}$$

$$f(r) = -r + \left(\frac{1}{r}\right) r \cdot r = r$$

$$\begin{cases} A = -1 \\ B = 0 \end{cases}$$


$$P(t) = P_0 \left(1 - \frac{1}{a}\right)^t$$

$$\frac{1}{a} = \left(\frac{1}{a}\right)^t \xrightarrow{\log} \log \frac{1}{a} = t - \log a \Rightarrow \frac{\log a}{1 \cdot \log a - 1 \cdot \log \frac{1}{a}} = \frac{t}{1}$$

$$\frac{1}{v} P_0 = P_0 \left(1 - \frac{1}{a}\right)^t$$

$$\frac{1}{v} = \left(\frac{1-a}{a}\right)^t \xrightarrow{\log} \log \frac{1}{v} = t \log \frac{1-a}{a} \Rightarrow \frac{\log \frac{1}{v}}{\log \frac{1-a}{a}} = t$$

$$\left(\frac{99}{100}\right)^t = \frac{1}{10} \Rightarrow \log \frac{99}{100} = t \Rightarrow \frac{\log \frac{99}{100}}{\log \frac{99}{100} - \log \frac{1}{10}} = \frac{t}{1}$$

$$y = 9 \log_x^x = x^y \rightarrow$$


$$y = \log_x^x \rightarrow$$
