

$$g = 1 - \log_c(a-b)$$

$$f(c) = 1 - \log_c^{-b} = p \Rightarrow \log_c^{-b} = -1 \Rightarrow -b = \frac{1}{c} \Rightarrow -bc = 1$$

$$f(-1/c) = 1 - \log_c^{-1/c-a-b} = 0 \Rightarrow \log_c^{-1/c-a-b} = 1 \Rightarrow c = -1/c-a-b$$

سید علی کا بیٹا

$$-b = \frac{1}{c} \Rightarrow b = -\frac{1}{c}$$

$$b+c = -\frac{1}{c} \Rightarrow c - \frac{1}{c} = -1/c \Rightarrow c = -1$$

$$b = -\frac{1}{c} \Rightarrow b = -1$$

$$c = -1 \text{ or } c = \frac{1}{2} \Rightarrow c = \frac{1}{2}$$

$$c = -1/c-a-b \Rightarrow \frac{1}{2} = -1/c-a-b \Rightarrow a = 1$$

$$f(a) = 1 - \log_{\frac{1}{2}} a$$

$$\boxed{a=1} \quad \boxed{b=-1} \quad \boxed{c=\frac{1}{2}} \Rightarrow (10)^{x-1} - 1$$

$$f(c) = 1 + cx^a = \frac{1}{r} \Rightarrow cx^a = -\frac{1}{r}$$

$$f(-1) = 1 + cx^a = a-b \Rightarrow 1 + cx^a \times \frac{1}{r} = 1 + \frac{cx^a}{r} = 1 + \frac{-1}{r} = \frac{r-1}{r}$$

$$f(1) = 1 + cx^a = 0 \Rightarrow cx^a = -1$$

$$cx^a = -r^{-1} \Rightarrow c = -r^{-1} x^{-a} = -\frac{1}{r} x^{-a} = c$$

$$-r^{-1-a} x^{a+b} = -1 \Rightarrow r^{b-1} = 1 \Rightarrow b=1$$

$$1 + \frac{1}{r} \times \frac{1}{r} = \frac{1}{r} \Rightarrow \frac{1}{r} = \frac{1}{r}$$

$$f(r, f) = c \Rightarrow c + \log_a^{r, f} a = a$$

$$f(c) = r \Rightarrow c + \log_a^b = r$$

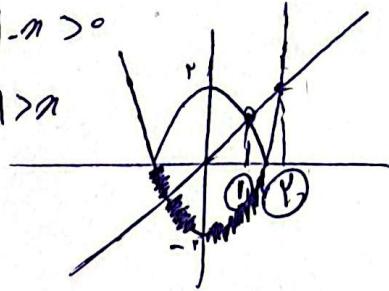
$$\Rightarrow \log_a^b - \log_a^{r, f} a = r \Rightarrow \log_a^{\frac{b}{r, f} a} = r$$

$$b = r, f + a \Rightarrow \frac{b}{r, f} = a$$

$$-r, f = a \Rightarrow \frac{a}{b} = -\frac{r, f}{a} = -\frac{r}{a}$$

$$\log_e |a^r - r| = a$$

$$|a^r - r| > 0$$



$$\Rightarrow (-\infty, 1) \cup (1, +\infty)$$

$$a^r - r = a \Rightarrow a^r - a - r = c$$

$$r = a^r \Rightarrow a^r + a - r = c$$

$$\boxed{a=1}$$

$$-1 \cdot r^b + 1 = r + r^b \Rightarrow r = r^b \Rightarrow b-a = 1$$

$$f(-1) = 1 \Rightarrow r + r^b = 1 \Rightarrow r = 1 \Rightarrow b+a = r$$

$\Rightarrow b = r$ ✓ $r = b-a = 1$ ✓ (r) (r) -a

تصنيف المسائل

(r) - 4

$$-r \left(\frac{1}{r}\right)^{A+B} = 0 \quad A+B = -1$$

$$-r \left(\frac{1}{r}\right)^{A+B} = r \Rightarrow r^{A+B} = -r \Rightarrow A = -1 \quad B = 0$$

$$f(a) = -r \left(\frac{1}{r}\right)^{-1} =$$

$$f(r) = 9 \quad \checkmark$$

$$\left(\frac{1}{9}\right)^n = \frac{1}{9} \Rightarrow n = \frac{\log_0 1 + \log_0 9}{r \log_0 9 - r \log_0 1}$$

$$\Rightarrow n = \frac{1}{r \cdot 9} + \frac{1}{r \cdot 9} = \frac{r \cdot 1}{r \cdot 9} = \frac{r \cdot 1}{9 \cdot r} = \frac{r \cdot 1}{9 \cdot r} = \frac{r \cdot 1}{9 \cdot r}$$

$$\text{Calc } \frac{r \cdot 1}{9} = \frac{r \cdot 1}{9} \times \frac{r}{r} = \frac{r \cdot r}{9} \quad \checkmark$$

(r) - 1

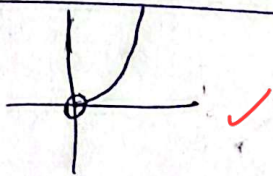
$$\left(\frac{r}{r}\right)^n = \frac{1}{r} \Rightarrow n = \frac{\log_0 r}{r \log_0 r - \log_0 r} = \frac{1}{r \cdot 1} = \frac{1}{r \cdot 1} = \frac{1}{r \cdot 1} = \frac{1}{r \cdot 1}$$

$$\text{Calc } 1 \times r = r \quad \checkmark$$

$$\left(\frac{99}{100}\right)^n = \frac{1}{r} \Rightarrow n = \frac{\log_0 99}{r \log_0 99 - \log_0 100} = \frac{99 \cdot 1}{r \cdot 100 - 99 \cdot 1} = \frac{99 \cdot 1}{r \cdot 100 - 99 \cdot 1}$$

(r) - 9

$$g = \log_0 \frac{9}{r} = \log_0 \frac{9}{r} = \log_0 9 - \log_0 r$$



(r) - 10

$$g = \log_0 \frac{9}{r}$$

log_0 9 =

