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بجرب السعدا

بالنيتا بنت علس لغيره

Date: ستاين عن انا راده

$x=0 \rightarrow 1 - \log_c^{-b} = r \Rightarrow \log_c^{-b} = r - 1$ (1)

$b + c = -\frac{r}{r}$ $-b = \frac{1}{c} \Rightarrow bc = -1$ (2)

$c = -\frac{r}{r} - b \Rightarrow b(\frac{r}{r} + b) = 1$

$b^r + \frac{r}{r}b - 1 = 0 \Rightarrow rb^r + rb - r = 0$

$b^r + rb - r = 0 \Rightarrow b = \frac{1}{r}$ (3)

$b = -r \checkmark$

$c = \frac{1}{r}$

$x = -1, d \rightarrow 1 - \log_c^{-1/r} = r$

$-\frac{r}{r}a + r = \frac{1}{r} \Rightarrow -\frac{r}{r}a = -\frac{r}{r} \Rightarrow a = 1$

$(1 + \frac{1}{r}) - r = -r$

$x = 1 \rightarrow 1 + c x^r = 0$ $a + b$ $c x^r = -1$ $C x^{r a + b} = -1$ $\frac{C x^{r a + b}}{C x^{r a}} = \frac{-1}{-1/r}$ (4)

$x = r \rightarrow 1 + c x^r = 0$ $a = \frac{r}{r}$

$r^{a+b} - 1 = r^r - 1 \Rightarrow r^b = r \Rightarrow b = 1$ (5)

$1 + C x^{r a - b} = ?$ $\frac{C x^{r a}}{r^b} = \frac{-1}{r} = \frac{-1}{r}$

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

MAHAN

$$2000C + \log \frac{b}{a} = 1$$

$$2000C + \log \frac{b}{a} = 0$$

$$\log \frac{b}{10000b} = 1$$

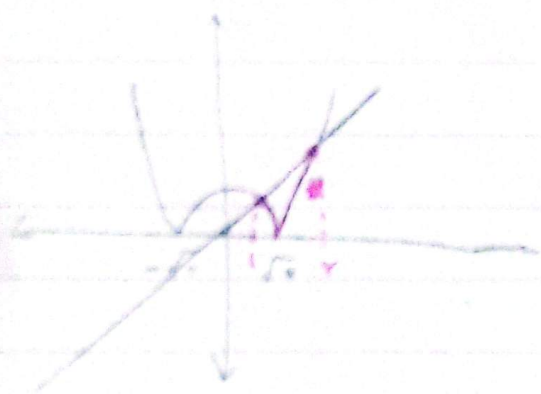
(1)

5

$$\frac{b}{10000b} = 10 \Rightarrow b = 10000 \times 10$$

$$-4 \log b = 4000$$

$$\frac{-4}{10} = \frac{0}{b} = \frac{4000}{10000}$$



$$|x^2 - 1| > 2$$

$$\Rightarrow |x| > \star$$

(2)

$$x^2 - x - 1 = 0$$

$$x^2 - x - 1 = 0$$

$$(x-1)(x+1)$$

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$$x^2 - 1 = 0$$

$$x = 1$$

$$x^2 + x - 1 = 0$$

$$(x+1)(x-1) = 0$$

$$x = -1$$

$$R = [-1, 1]$$



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$$x^2 + 1 = 0$$

$$x^2 + 1 = 0$$



$$x^2 + 1 = 0$$

5

$$x^2 + 1 = 0$$

$$x^2 + 1 = 0$$

$$x^2 + 1 = 0$$

$$\frac{v}{r} (r^t - 1) = r^t - 1$$

DATE

SUBJECT

$$1 = \frac{1}{r} = \frac{\Delta \log v}{\Delta \log r}$$

$$\left(\frac{1}{r}\right)^t = \frac{1}{v}$$

$$r^t \times v^{-1} = r^{-1} \times r^{-t}$$

$$r^t + 1 \log r = r^t - 1$$

$$\log r = \frac{\log v}{\log r} = \frac{\frac{1}{v}}{\frac{1}{r}} = \frac{r}{v}$$

$$\left(\frac{v}{r}\right)^t = \frac{1}{v}$$

$$v^t \times r^{-t} = v^{-1} \Rightarrow r^{-t} = v^{-1-t}$$

$$r^t = v^{t+1} \quad r^t \log r = t + 1$$

$$\frac{\log r^t}{\log v} = \frac{\frac{1}{v}}{\frac{1}{r}} = \frac{r}{v} = \log v$$

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

9

0

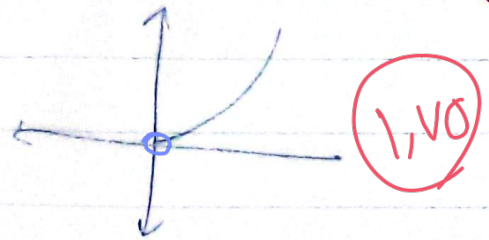
$$9) (0.94)^n = \frac{1}{3} \quad \log (0.94)^n = \log \frac{1}{3} \rightarrow n = \frac{-\log 3}{\log 0.94 - \log 1}$$

$$n = \frac{-\log 3}{\log(0.94) - 0} = 24$$

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الف $a \log_r x = x^a$ $x^{\log_r a} = x^a$ 19



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$$\therefore y = \log x^r = r \log x \quad D = \mathbb{R} \setminus \{0\}$$

