

$$\mu \rightarrow -\frac{1}{\mu} \left(\mathcal{A} - \frac{1V}{\delta} \right)^2 + \frac{2}{\delta} \left(\mathcal{A} - \frac{1V}{\delta} \right) + 1 + \frac{4V}{1\delta} \rightarrow -\frac{1}{\mu} \mathcal{A}^2 + \frac{2\mathcal{A}}{1\delta} - \frac{219}{V\delta} + \frac{2}{\delta} \mathcal{A} - \frac{2\mathcal{E}}{2\delta} + \frac{2\delta}{2\delta} + \frac{4V}{2\delta}$$

$$-\frac{1}{\mu} \left(\mathcal{A}^2 - \frac{2\mathcal{E}}{\delta} \mathcal{A} + \frac{219}{V\delta} \right) + \frac{2}{\delta} \mathcal{A} - \frac{2\mathcal{E}}{2\delta}$$

$$-2\delta \mathcal{A}^2 + 1V\delta \mathcal{A} - 219 + 2\delta \mathcal{A} - 102 + V\delta + 1\mathcal{E} \rightarrow -2\delta \mathcal{A}^2 + 2\delta \mathcal{A} - 1V\delta = 0$$

$$\rightarrow -\mathcal{A}^2 + 1\mathcal{A} - V = 0 \quad a+b+c=0$$

$$\rightarrow \mathcal{A} = 1, \sqrt{V}, \left(\frac{\mathcal{E}}{a} \right) \checkmark$$

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$$\sqrt{2x+4} + y = \frac{\sqrt{x}}{y} \rightarrow 2x+4 = \frac{9}{x} \rightarrow 1x+2 = \frac{9}{x} \rightarrow x = \frac{1}{x}$$

$Dg_{x+1} \xrightarrow{t} -1 \leq x+1 \leq b \rightarrow -2 \leq x \leq b-1 \quad \left\{ \begin{array}{l} \leftarrow Df_{\frac{g(x)}{t}} = (a, c] \\ \leftarrow Dg_{\frac{g(x)}{t}} = [-1, b) \end{array} \right. \quad (f)$
 $Df_{\frac{g(x)}{t}} \xrightarrow{t} a \leq x-1 \leq c \rightarrow a+1 \leq x \leq c$
 $\rightarrow b-1 = c \rightarrow b = c$
 $a+1 = -2 \rightarrow a = -3$
 $a-b \rightarrow -3-c = -9$
 $Dg_1 \rightarrow [-3, \infty]$
 $Df_{\frac{g(x)}{t}} \xrightarrow{t} \left(\frac{g(x)}{t} + 1 \right) \rightarrow \left[-6, 5 \leq t \leq 30 \right]$
 $Dg_1 \xrightarrow{t} -\frac{1}{t} \leq x \leq \frac{t}{t}$
 $Df_{\frac{g(x)}{t}} \xrightarrow{t} \left(\frac{g(x)}{t} + 1 \right) \rightarrow \left[-6, 5 \leq t \leq 30 \right]$

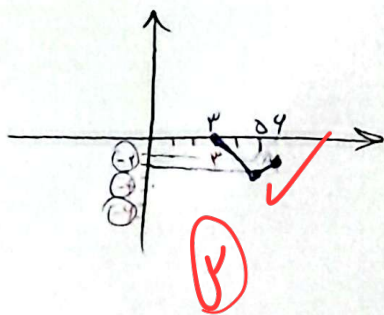
برای محاسبه برد ← بردار سی پی دی $\leftarrow \text{Rdi}z[-1, 2] \leftarrow \text{Rdi}z[-2, 4] \xrightarrow{-2} [-5, 1]$

$\downarrow$
 $[1, 5] \xrightarrow{\sqrt{}} (1, \sqrt{5}) \rightarrow R_{y_r} = [0, \sqrt{5}]$

$$r = \frac{1}{\sqrt{1 - b^2}} \quad \text{and} \quad b = \frac{1}{r} \quad \text{if } r = \frac{1}{\sqrt{1 - b^2}} \quad \text{then } b = \frac{1}{r}$$

$\log_2 8 \xrightarrow{\text{قانون ٢}} \log_2 2^{3} \xrightarrow{\text{قانون ٣}} -\log_2 2^{3} + 3$
 $\log_2 (-16) \rightarrow -\log_2 16 + 3 = (-1)$
 $\log_2 (-42) \rightarrow -\log_2 42 + 3 = (-3)$

$r - f(3-1) \xrightarrow{\text{فرید ریج}} r - f(-1-1) \xrightarrow{\text{فرید ریج}} r - f(1-1) \xrightarrow{\text{فرید ریج}} f(1-1) + 2$



$$D_{y_1} \rightarrow [-1, 1] \xrightarrow{(2,4)} [1, \infty]$$

$$dyr \rightarrow y \leq x-1 \leq 0$$

$$(y \leq x-1 \leq 0)$$

$$Lg_1 \rightarrow [1, 4]$$

$$P_y \rightarrow x-1 \rightarrow [-2, -1] \xrightarrow{+1} [-2, 0]$$

$$+ f(2) - 2$$

واحد بال
1

سوال مرتب

$$\left| \frac{(x-2)^2 + 1}{2(x-2) + 1} \right| + 1 = g(x) \rightarrow g(x) < \left| \frac{x-1}{2x-3} \right| + 1$$

$$y + \left| \frac{y-1}{y-3} \right| + 1 < 0$$

$\left(\frac{g-1}{r-1} \right)$

$$\frac{y-1}{y^2-4} = \frac{-y-1}{(y-2)(y+2)} = \frac{-y-1}{(y-2)(y+2)}$$

$\rightarrow y = \sqrt{2} \rightarrow (-\infty, -\sqrt{2}) \leftarrow \text{حل}$

$$P \rightarrow (21 - r)^{\mu} + rV$$

$$f(n) = \frac{rV}{\lambda} (n-r)^r + rV$$

$\alpha \in [0, 1/\mu] \rightarrow \mu$ عدد صحيح