

ملینا کی

$$f(x) = 1 \rightarrow f(x) = x + f(x) \rightarrow f(x) = 1$$

$$x^2 + x = x + x + x + 1 \rightarrow f(x) = x \rightarrow y = \sqrt{x - x^2}$$

$$R_f = \left[-\frac{1}{2}, \frac{1}{2}\right] \rightarrow \left[0, \frac{1}{2}\right]$$

مکمل نہیں

$$x \neq -1 : \text{جیسے}$$

$$x(x^2 - 1) \rightarrow \frac{(x-1)(x+1)(x+1)}{(x+1)} = x^2 - 1 \rightarrow \frac{-b}{2a} = \frac{1}{2} = 1$$

$$x = -1 \rightarrow y = -1 \quad R_f = [-1, 1] - \{-1\}$$

$$x^2 - x \neq 1 \rightarrow (x-1)(x+1) \neq 0 \rightarrow x \neq -1 \text{ or } 1 \quad D_f = \{R - \{-1, 1\}\}$$

$$\begin{matrix} a = -1 \\ b = 1 \\ c = -1 \end{matrix} \rightarrow \frac{(-1)^2 - 1(-1)}{-1 + 1} = 1$$

$$\sqrt{(x-1)^2} = \sqrt{x^2 - 1 - 2x + 1} = \sqrt{x^2 - 2x}$$

$$\begin{matrix} -4 - 1 = -1 \\ 1 - 1 = 0 \end{matrix}$$

$$R_f = [-1, 1]$$

$$\begin{matrix} a = -4 \\ b = 1 \end{matrix} \quad [-4, 1] \text{ میں}$$

$$\frac{1}{x+1} > 0 \rightarrow \frac{-1}{-1} + \frac{1}{1} = x \in (-1, 1)$$

$$\text{دامنه} = (-1, 1)$$

میں سے y اور $(-1, 1)$

$$\max \rightarrow +\infty$$

$$\frac{a}{1} = a$$

$$a = -1$$

$$\min \rightarrow 0$$

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

$$-1 = b$$

$$b < 0 \text{ جیسے } 0$$

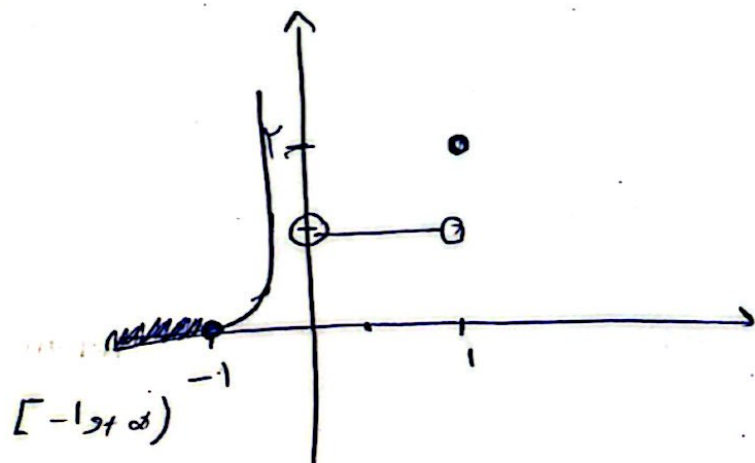
$$a + b = -1$$

$$\frac{[x]}{n} + \frac{|n|}{n} \quad [-1, 1]$$

$$x \in [-1, 0) \quad -\frac{1}{x} - 1$$

$$[0, 1) \quad +1$$

$$\{1\} \quad \frac{1}{x} + 1 = 2$$



Date:

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Subject:

Other:

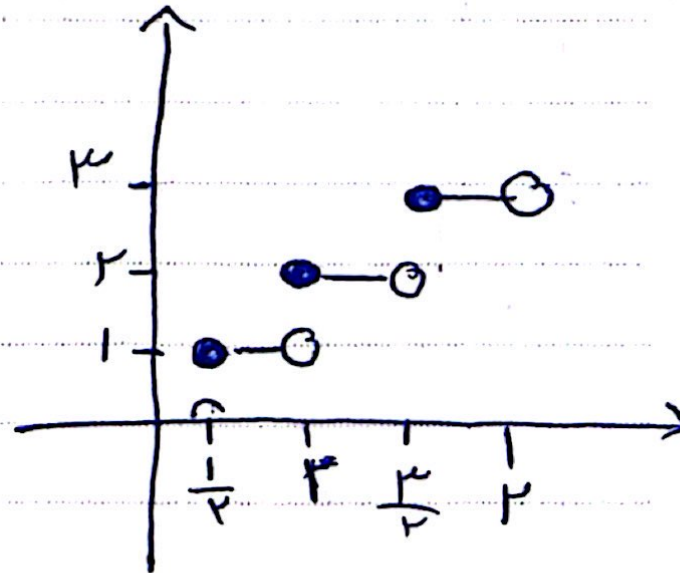
$$[x] + [x + \frac{1}{r}]$$

$$[\frac{1}{r}, 1) \quad 0 + 1 = 1$$

$$[1, \frac{r}{r}) \quad 1 + 1 = 2$$

$$[\frac{r}{r}, r) \quad 1 + r = r$$

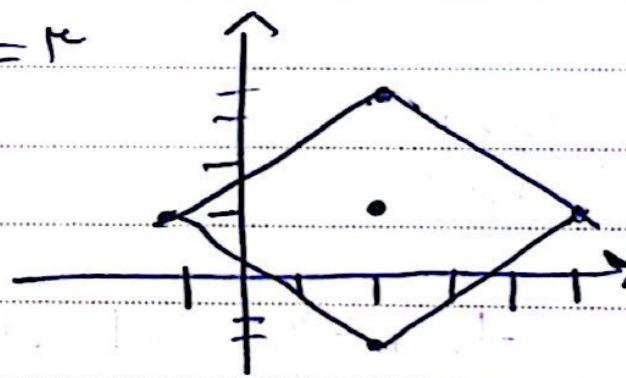
$$R_f [1, r, r]$$



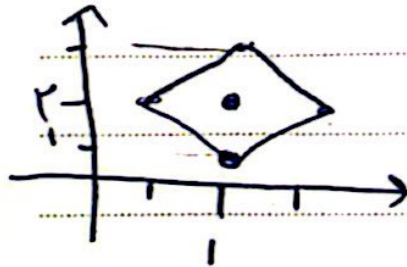
to 0, 1, r

$$\underline{[x]} + \underline{[x]}$$

$$|x-1| + |y-1| = 2$$



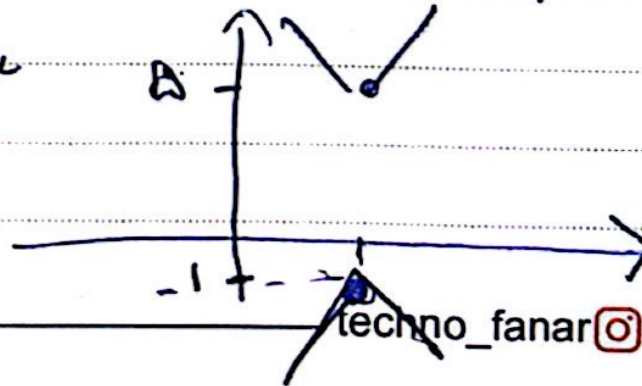
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الف 9

$$|x-1| - |y-2| = -2$$

$$|y-2| - |x-1| = 2$$



techno_fanar

Date:

شیب قائم علامت اسی

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Subject: $- \infty < a < \infty$

Other:

$$a \times \infty > 0$$



شیب

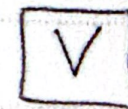
① شیب $\rightarrow$

$$\begin{aligned} & \infty x + ax + b \rightarrow (\infty + a)x + b \\ & \infty + a > 0 \rightarrow \boxed{a > -\infty} \end{aligned}$$
$$\begin{aligned} & \infty x - ax - b \rightarrow (\infty - a)x - b \\ & \infty - a > 0 \rightarrow \boxed{\infty > a} \end{aligned}$$

$\infty > a > -\infty$

شکل 4

$$1 = \frac{1}{a} \rightarrow a = 1$$



$$f(b) = 1 \quad \text{جانب امني} = 1$$

$$\left| \frac{r+1}{r+3} \right| \xrightarrow{b+1} \frac{+b+1}{+b+3} = -1$$

$$b+1 = -b-3$$

$$2b = -4$$

$$b = -2$$

$$a - b = 3$$