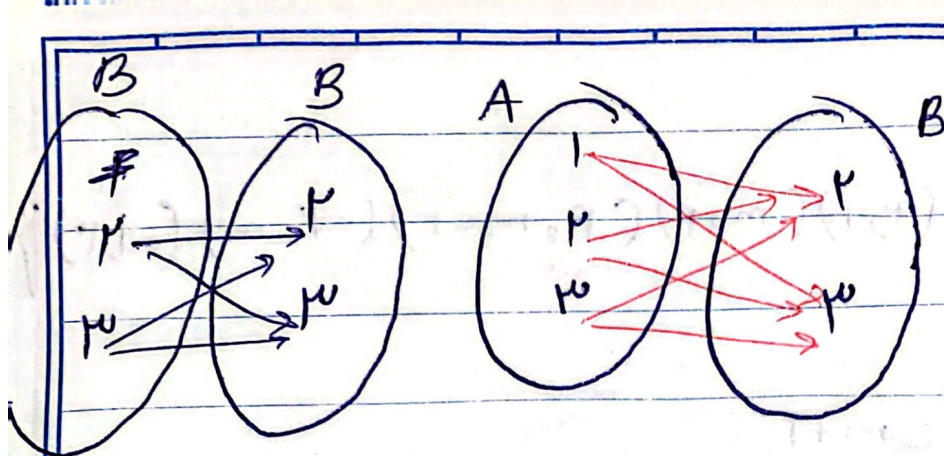




$$A \times B = \{(1,2), (1,3), (2,2), (2,3), (3,2), (3,3)\}$$

$$B \times B = \{(2,2), (2,3), (3,2), (3,3)\}$$

$$A - B = \{(1,2), (1,3)\}$$

$$m^2 = m + 1$$

$$m^2 - m - 1 = 0$$

$$(m-1)(m+1) \begin{cases} m=1 \\ m=-1 \end{cases}$$

$$\{(1, m^2), (2, 1), (-1, m), (-1, m)(1, m+1), (m, 1)\}$$

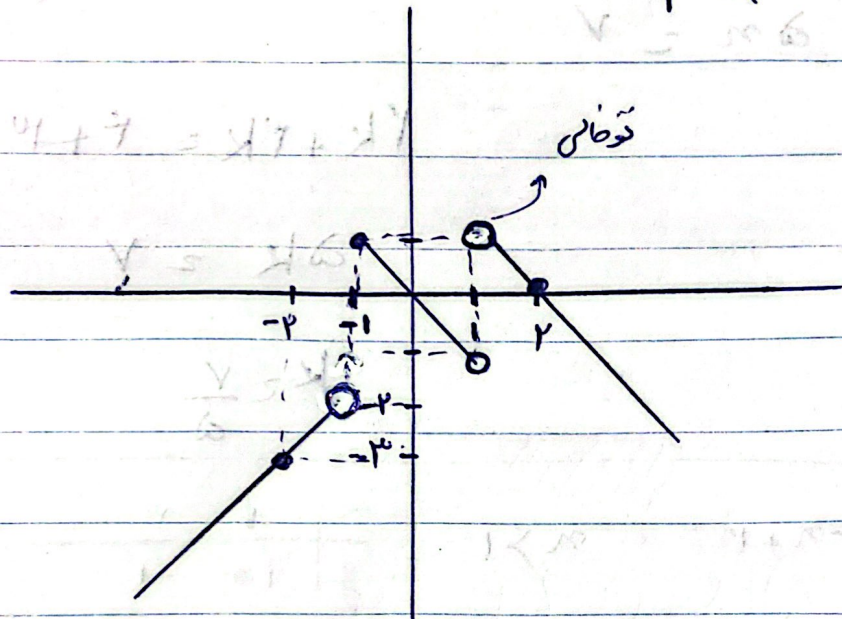
$$\text{if } x \rightarrow \{(1, 1), (2, 1), (-1, 1), (-1, 1), (1, 1)\}$$

$$f(n) \begin{cases} -n+1 & ; n > 1 \\ -n & ; -1 \leq n \leq 1 \\ n-1 & ; n < -1 \end{cases}$$

$$\begin{array}{c|cc} n & 1 & 2 \\ \hline & 1 & 0 \end{array}$$

$$\begin{array}{c|cc} n & -1 & 1 \\ \hline y & 1 & -1 \end{array}$$

$$\begin{array}{c|cc} & -1 & -2 \\ \hline & -2 & -3 \end{array}$$



$$y^{\mu} + n^{\mu} + 1 = 0$$

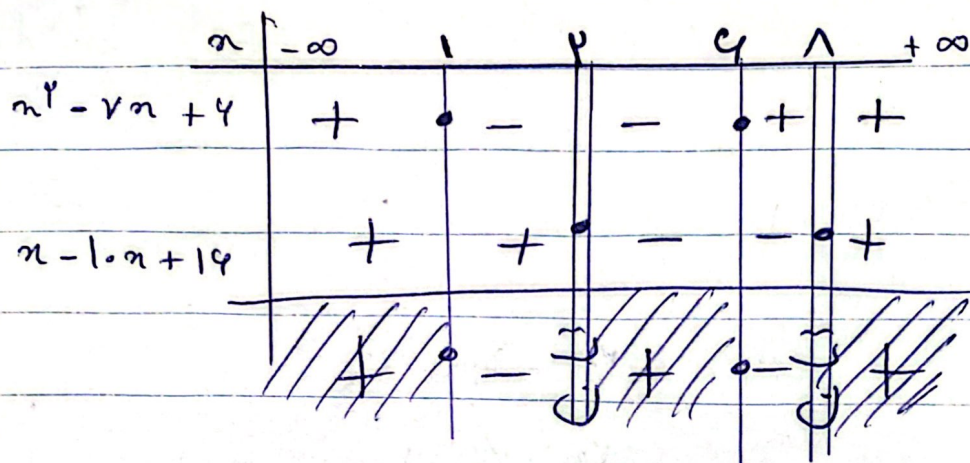
$$y_1^{\mu} = -1 - n^{\mu}$$

$$y_r^{\mu} = -1 - n^{\mu}$$

تابع

$$\cancel{y_1^{\mu}} = \cancel{y_r^{\mu}}$$

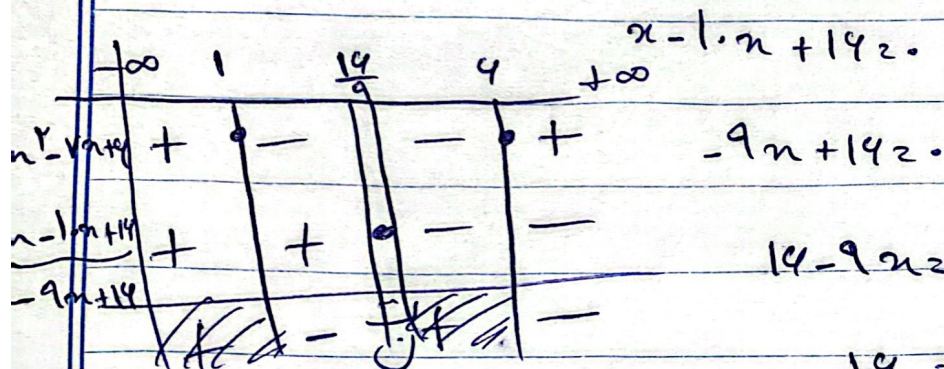
$$y_1^{\mu} = y_r^{\mu} \rightarrow y_1 = y_r$$



$$(-\infty, 1) \cup (4, 9] \cup (14, +\infty)$$

$$\frac{(x-9)(x-1)(x-14)}{x^2 - 7x + 4} \geq 0$$

$$x - 1 \cdot x + 14$$



$$(-\infty, 1] \cup \left(\frac{14}{9}, 9\right]$$

$$\frac{14}{9} \geq x$$

$$f(n) = \begin{cases} n - p & \text{if } n \geq p \\ n - p & \text{if } n < p \end{cases}$$

$$n < p$$

$$n - p < n - p$$

$$n + p < n + p$$

$$n < p$$

$$n < \frac{p}{2}$$

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$$\sqrt{\frac{n-1}{n-r}} + \sqrt{\frac{r-n}{n}}$$

$$\frac{n-1}{n-r} \geq 0 \quad \frac{r-n}{n} \geq 0$$

	$-\infty$	0	1	r	n	$+\infty$
$n-1$	-	-	+	+	+	+
$n-r$	-	-	-	-	+	+
$r-n$	-	-	-	+	+	+
n	-	+	+	+	+	+

$$D_f [1, r] \cup (r, +\infty)$$

$$\frac{\sqrt{n^2 - rn + r^2}}{\sqrt{n - 1 \cdot n + 1r}}$$

$$\frac{\sqrt{n^2 - rn + r^2}}{\sqrt{n - 1 \cdot n + 1r}} \rightarrow \frac{n^2 - rn + r^2}{(n-r)(n-1)}$$

$$n - 1 \cdot n + 1r$$

$$\frac{n^2 - rn + r^2}{n - 1 \cdot n + 1r} \geq 0$$

$$(n-1)(n-r)$$

$$g(m)_z \{ (r, m^r) (r, 1) (m, r) (r, m+r) (-r, m) (-1, r) \}$$



$$m^r \underline{z} m+r$$

$$\underbrace{m^r - m - r}_{z=0} \begin{cases} m_{z=r} \text{ } \tilde{G} \tilde{G} \\ m_{z=1} \end{cases}$$

$$(m-r)(m+1)$$

~~scribbles~~

$$x^r - 1 \underline{z} a n + b$$

$$(1)^r - 1 \underline{z} a + b$$

$$0 \underline{z} a + b$$

$$a \underline{z} - b$$

$$-b n + b \underline{z}$$

a

$$-r b + b \underline{z} \Lambda$$

$$-b \underline{z} \Lambda$$

$$\underline{b \underline{z} - \Lambda}$$

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$$\{ \Lambda x - \Lambda z, y \}$$

$$\underline{a \underline{z} \Lambda}$$

$$n^p + py^p - pm - 1y + 1 \cdot z \rightarrow n \cdot z$$

$$py^p - 1y + 1 \cdot z$$

$$n \sin y \approx y \sin n$$

$$p \cdot x \sin y \approx y \cdot x \sin p$$

$$1 \cdot \cancel{p} \cdot x \sqrt{\cancel{p}} \approx \cancel{y} \cdot x \frac{1}{\cancel{p}}$$

$$1 \cdot \sqrt{p} \neq p$$

$$\sqrt{\frac{n^p + y^p}{ny}} \approx z$$

$$\sqrt{\frac{r_n^r - \Delta n + r}{r_n^r - Vn + r}}$$

$$\frac{r_n^r - \Delta n + r}{r_n^r - Vn + r} \geq 0$$

$$r_n^r - \Delta n + r \geq 0$$

$$\frac{\Delta \pm 1}{r \mp r} < \frac{r}{r} \rightarrow \frac{r}{r} \leq n \leq 1$$

$$\frac{V \pm 1}{r} < \frac{1}{r}$$

$$P_2(-\infty, 1) \cup \left[\frac{r}{r}, +\infty \right)$$

$$r_n^r - Vn + r \geq 0$$

$$\frac{V \pm 1}{r} < \frac{1}{r}$$

$$\frac{r}{r} \leq n \leq 1$$

$$r_n^r - \Delta n + r \geq 0 \rightarrow r_n^r - \Delta n + r_2$$

$$\Delta_2 = \varepsilon(V)^r - F(r)(r)$$

$$\Delta_2(-\infty)^r - F(r)(r)$$

$$\frac{r_n - r}{r_n - r} \geq 0$$

$$\frac{r_n^r - \Delta n + r}{r_n^r - Vn + r} \geq 0$$

$$\rightarrow r_n^r - Vn + r \neq 0$$

$$(r_n - r)(n - 1)$$

$$P_2(-\infty, 1) \cup \left(1, \frac{r}{r} \right) \cup \left[\frac{r}{r}, +\infty \right)$$