

1997

$$G^L \rightarrow \begin{matrix} (x, y_1) \in f \\ (x, y_2) \in f \end{matrix} \xrightarrow{\text{if } x=x_0} y_1=y_2 \quad (1)$$

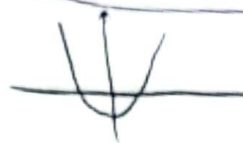
$$y_1^p = y_2^p \quad \frac{\text{value}}{p} \quad \sqrt[p]{y_1^p} = \sqrt[p]{y_2^p} \rightarrow \boxed{y_1 = y_2}$$

$$y_1 + y_1 = y_2 + y_1 \Rightarrow y_1 - y_2 + y_1 - y_1 = 0$$

۱۰۰۰

هـ طبق گفته داور مجلس پراثر دوم اتحاد ملی معدوم
همداره مشیت است این پراثر و مغرض است

✓ 25



$y = \pm 1$] X مع

✓ 2.6

ج. ب. ۱/۷۵

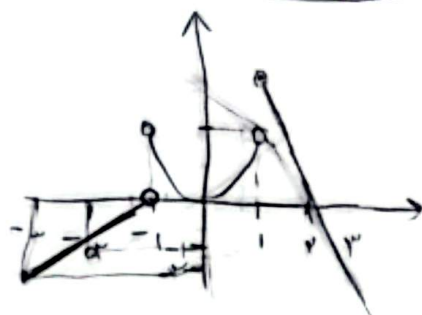
$$b) \cot \frac{\sqrt{\pi}}{4} = \frac{-\frac{\sqrt{2}}{2}}{-\frac{1}{2}} = \sqrt{2}$$

5) $\cot 180^\circ = \frac{-1}{0} \rightarrow \text{غير معرف}$

$$0 \leq \alpha < 2\pi \quad (12)$$

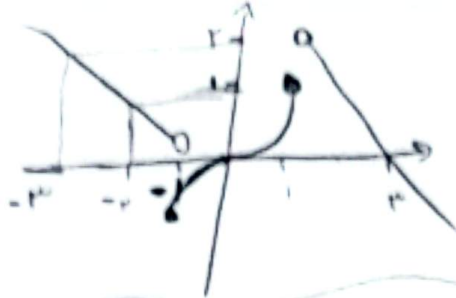
$\frac{1}{2}$

$$n^2 - 1 < n < 1$$



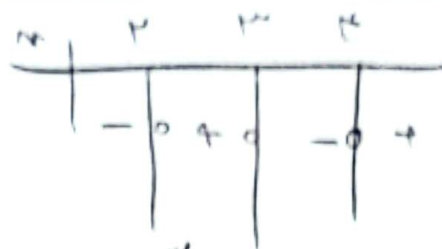
$$n+1 \quad n \leq 1$$

$$\begin{array}{c|c} x & y \\ \hline -9 & 0 \\ -4 & -1 \\ -2 & -1 \end{array}$$



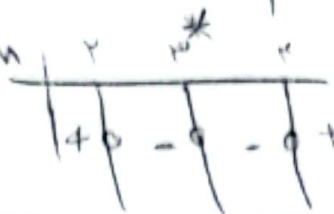
(2)

الف) $y = (x-r)(x-r)(x-r)$



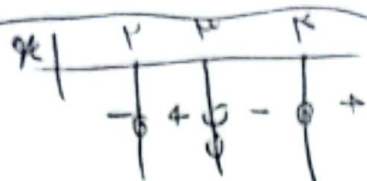
(3)

ب) $y = (x-r)(x-r)^2(x-r)$

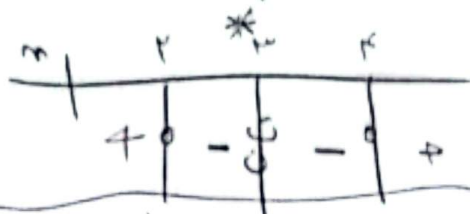


(4)

الف) $y = \frac{(x-r)(x-r)}{x-r}$

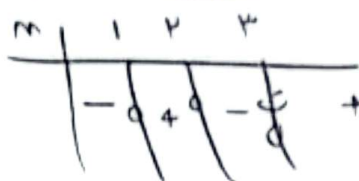


ب) $y = \frac{(x-r)(x-r)}{(x-r)^2}$

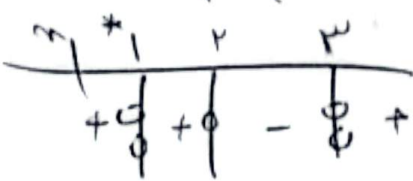


(5)

الف) $y = \frac{x^2 - 2x + 1}{x-r} \Rightarrow y = \frac{(x-1)(x-1)}{x-r}$



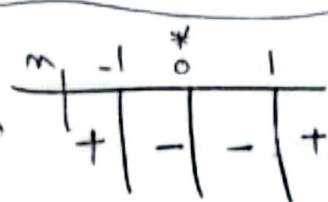
ب) $y = \frac{x^2 - 2x + 1}{x^2 - 2x + r} \Rightarrow \frac{(x-1)(x-1)}{(x-1)(x-r)}$



(6)

الف) $y = \frac{x^2 - x^2}{x^2 + x + r}$

$\Rightarrow \frac{x^2 \left(\frac{x^2}{x^2} - 1 \right)}{x^2 + x + r}$



لأنه إذا زاد د صفر

ب) $y = \frac{x^2 + 3x + r}{x^2 + 2x + r}$

صفت

لأنه إذا زاد د صفر