

نام و نام خانوادگی شماره کلاس پاسخنامه تشریحی تکلیف شماره کلاس

$f(x-1) > f(x+1)$ $x+1 < 3$ و $x-1 > 3$ (x) $f(x) = \begin{cases} 3x-1 & x > 3 \\ 3x-9 & x < 3 \end{cases}$ (۲)

$x < 0 \Rightarrow x < \frac{13}{4} \Rightarrow 3(2x-1) < 3(x+1)-9$ (۱)

$D = (-\infty, 1] \cup [5, \infty)$

$x < 1 \Rightarrow x < 1 \Rightarrow 3(2x-1) < 3(x+1)-9$ (۲)

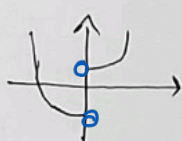
$f(x) = (x(x+1))^x$ $\rightarrow$ $\frac{1}{x}$

$f(x) < f(x+1) \rightarrow f(x) < x^x \rightarrow (x+x)^x < x^x \rightarrow x+x < x$

$\Rightarrow x < 0$

$x > 0 \rightarrow x^x + 1$

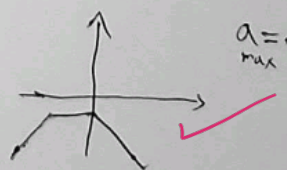
$x < 0 \Rightarrow -x^x - 1$



صفر در دافند نمی باشد
 ارتفاع

نمی گذارد

$\frac{x+1}{-x+x+1} = 1$ $\frac{x+1}{-x-x-1} = -1$ $\frac{x+1}{x-x-1} = -1$



$\log \frac{1}{x}$ $\frac{1}{x}$

$\log \frac{1}{x}$ $\rightarrow$ $\frac{1}{x}$

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

$(-1-x)$

150 $a^2 - c > 1 \rightarrow a > 1 \quad \vee \quad a < -1$

الف) $a^T - 3 < (a^T - 3)^2 \rightarrow a^T - 3 < a^2 - 6a^T + 9 \rightarrow 0 < a^2 - 7a^T + 12 \rightarrow a^T - 4 < (a^T - 3)^2$

10) $-\sqrt{a} \leq a \leq \sqrt{a}$

$$a^r - c \geq 1$$

25. 15-5

$$a^T - c \leq 0$$

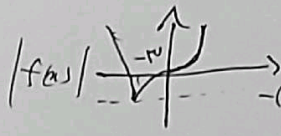
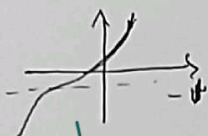
تایوانیہ ہم سعودی است

$$a \leq \pm \sqrt{c}$$

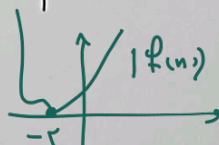
$$-\sqrt{c} a \sqrt{c} \quad a^2 \sqrt{c} \quad + \sqrt{c} - \sqrt{c} +$$

$$a \geq r \leq a \leq -r \rightarrow f \rightarrow a \geq r, a \leq -r$$

$$f(x) = (x+r)^n - 1 \rightarrow$$



$[-\infty, +\infty) \Rightarrow \{x \in \mathbb{R} \mid x \geq -\infty\}$



$$(x+c)^2 - 1 < 0 \rightarrow x+c < 1 \rightarrow \boxed{x < 1-c}$$

$$f(x) = (\sqrt{x} - 1)^2 \rightarrow \text{أكبر} \rightarrow x_1$$

$\partial \psi_0 \neq \emptyset \quad [1, 2]$

~~$$1 \times 10^6 \times 0.1 \times 10^{-2}$$

$$= 5 \times 10^3 \times 10^{-2}$$~~

$$f \circ f(n) \in f(\sqrt{n}) \rightarrow f(n) \in \sqrt{n} \rightarrow n \in \sqrt{n} \rightarrow n \in \sqrt{n} \rightarrow n \in \sqrt{n}$$

$$f(n) \in Df \rightarrow n + \sqrt{n-1} \geq 0 \rightarrow (\sqrt{n+1})(\sqrt{n-1}) \geq 0 \rightarrow n \geq 1$$

$$\cos \gamma = 1 \quad \sqrt[2]{a-1} \quad \sqrt[3]{1-a}$$

$$\max \rightarrow \gamma - \gamma = e - \frac{1}{e} = \frac{1}{e} = b$$

$$\min_{\omega \geq 0} \frac{\sqrt{-1}}{r} - \frac{\sqrt{1}}{r} = \frac{1}{r} - r = \frac{-r}{r} = -1$$

$$\frac{10}{x} - \left(-\frac{3}{x}\right) = \frac{13}{x}$$

$$f(x) = x - [x] \xrightarrow{-r} \mathbb{R}_f, [r, c) \quad \mathbb{R}_f, [-r, -1)$$

$$g(x) = \frac{x - x}{r - r} \left\{ \begin{array}{l} r = x \\ x = r \end{array} \right. \quad \frac{\varepsilon - \frac{1}{\varepsilon}}{r} = \frac{1}{\varepsilon} \quad R \quad \frac{\frac{r}{r} - \frac{r}{r}}{r} = -\frac{1}{r} \quad \frac{\frac{r}{r} - \frac{r}{r}}{r} = -\frac{r}{r}$$

$$\text{Rg } \varphi: \left[-\frac{12}{\lambda}, -\frac{r}{z}\right)$$