

HAQ

ملین لیا

① $\Delta = 0 \rightarrow (m+r)^2 - 17m = 0 \rightarrow m^2 - 4m + 9 = 0 \rightarrow m = r$

$rx^r + a^r \xrightarrow{x=a} ra^r + a^r = 0 \rightarrow a = -\frac{1}{r}$

$\lim_{x \rightarrow \frac{1}{r}} \frac{\sqrt{4(x+\frac{1}{r})^r}}{r|x^r + \frac{1}{r}|} = \frac{\sqrt{4}}{\frac{r}{r}} = \frac{r\sqrt{4}}{r}$

$\tan b = \frac{\sqrt{r}}{r} \rightarrow \left(\frac{\pi}{4}\right) \leftarrow$
 $\frac{r + \tan b}{\sqrt{-x}} \xrightarrow{x=a} \frac{r + \tan b}{\frac{r}{\sqrt{r}}} = \frac{r\sqrt{r}}{r} \rightarrow r\sqrt{r} \tan b = \frac{r\sqrt{r}}{r}$

② $\begin{cases} an^r - an + b = 0 \rightarrow a - a + b = 0 \rightarrow a - b = a \\ n^r + an + b \rightarrow 1 + a + b = 0 \rightarrow a + b = -1 \end{cases} \rightarrow \begin{cases} a = r \\ b = -r \end{cases} \rightarrow \left[\frac{r}{r}\right] = (-r)$

③ $f(1) = f(1') \rightarrow \tan \frac{r\pi}{r} = \frac{(n+1)(n+r)}{a(1-n)} \rightarrow -1 = \frac{r}{a} \rightarrow a = r$
 $f(x) = f(x') \rightarrow b(1.0) = \frac{-rn}{1r}$
 $b = -\frac{r}{r_0}$
 $ab = \frac{r}{1.0}$

④ $f(n) = a[n] + a + b[n] + b[a] + b$
 $f(a) = (a-a)[n] + a - a[a] - a = -a[a]$
 $\frac{a[a]}{-a[a]} = \frac{a[a]}{f(a)} = -1$

$$a) b=0 \rightarrow f(x) = -\frac{1}{x} \rightarrow f(a) = -\frac{1}{a} \rightarrow \frac{a}{-1/a} = -\frac{1}{1/a}$$

⑤ ~~مقدار~~

$$\begin{cases} x=0^+ \rightarrow 1-\frac{1}{x} \\ x=0 \rightarrow b \sin \frac{\pi}{x} \\ x=0^- \rightarrow a-1 \end{cases} \rightarrow 1-\frac{1}{x} = a-1$$

$$a+c=b \rightarrow a-1 \rightarrow a-1 = -1$$

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

$$b \sin \frac{\pi}{x} \rightarrow b \sin(-\pi) = 0 \rightarrow \frac{a}{b} = \frac{1}{x}$$

$$1. \lim_{x \rightarrow a} \frac{x^2 + |x|}{x^2 + a|x|} = \frac{|x|+1}{|x|+a} \xrightarrow{\text{لیمیت}} \frac{x-1}{x(a+1)} = \frac{1}{a}$$

$$x^2 - a = x^2 + x \rightarrow a = x$$

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

$$\lim_{x \rightarrow a} f(x) = \frac{1}{x}$$

④ $a^2 + am + n = 0 \mid f(x) = 0$

$$a^2 + am + n = 0 \rightarrow a^2 + am + n = 0 \rightarrow -\frac{1}{a} = am$$

$$m = -\frac{1}{a} \rightarrow a^2 - \frac{1}{a} + n = 0 \rightarrow n = \frac{1}{a} - a^2$$

$$\lim_{n \rightarrow a} \frac{a^2 - \frac{1}{a} + a^2}{a - n} = \frac{(n-a)(n-a)}{(a-n)} = (a-n)$$

$$-(n-a) \rightarrow a = \frac{1}{a}$$

$$m = -\frac{1}{a} = -1 \rightarrow n = \frac{1}{a} - a^2 = 1 - 1 = 0$$

④ $\sqrt{x} |a + a| = 0$

$$a = 0 \rightarrow \sqrt{x} |a + a| = 0$$

$$a = -1 \rightarrow |-1 + (-1)| + 1 = 0 \rightarrow m = \frac{1}{x}$$

من پاشیون بودم و جابجود بگره مواجه بودم
برای کمین ~~از~~ از کمترین جا باید گذشت
استفاده رای کردم و یکم ریز ریز شد