

Subject:

Date:

MO TU WE Th Fr Sa Su

$$f(m) = \sqrt{(a-r)m^2 + am + b}$$

$$a=r$$

$$rm+b \geq 0$$

$$r+b=0$$

$$\boxed{b=-r}$$

$$r - r(r-m^2) < \dots$$

$$r < \varepsilon(r-m^2)$$

$$- \sqrt{r-m^2}$$

$$-\sqrt{r} < m < \sqrt{r}$$

$$m = r\sqrt{r}$$

$$\begin{array}{c} -r \quad r \\ - \quad + \quad - \end{array}$$

$$\boxed{r} + \boxed{-r} + 1$$

$$-1 < \dots \rightarrow \sqrt{\dots}$$

$$\{r, -r, 1, -1\} \rightarrow \dots$$

$$\text{ii)} \quad n^r + r n^r \geq \dots$$

$$m^r (n+r) \geq \dots$$

$$\begin{array}{c} -r \\ - \quad + \quad + \end{array}$$

$$\boxed{-r + \dots}$$

$$\text{c)} \quad \dots$$

$$n^r (n-1)(n+1)(n-r)$$

$$\begin{array}{c} (n-1) \\ - \quad + \quad + \end{array}$$

$$(-\infty - 1) \cup [r + \infty) \cup \dots$$

$$\text{ii)} \quad |x-r| \geq r$$

$$n \geq r$$

$$n \geq r$$

$$n \geq r$$

$$|R - (-b)| \geq \dots$$

$$\text{c)} \quad \dots$$

$$r > r-m \geq \dots$$

$$-r < a < r$$

$$\boxed{-r, r}$$

الف) $|z| > n$

(-17)

ب) $|z| > n - \delta$

$|z| > n$

$|z - 2| = r$

$n = \sqrt{r}$

$[r, n] = [r, \sqrt{r}]$

④

ج)

$|z_{n+1}| = |z + r|$

$$\begin{array}{c|c|c} -r & -\frac{1}{r} & \\ \hline -r_{n+1} + n + r & -r_{n+1} & r_{n+1} - n - r \\ -n + r & -n + r & n - r \\ n + r & -r_{n+1} - \epsilon & n > r \end{array}$$

$(-r - r) \cup (-r, \frac{r}{r}) \cup [r, \infty)$

$r = r$

⑤

الف) $|R - \sqrt{K\pi}|$

$\log \log(r_{n+1})$

ب) $r \cos - 1 \neq 0$

$\cos \neq \frac{1}{r}$

$|R - \sqrt{rK\pi + \frac{\pi}{r}}, rK\pi + \frac{r\pi}{r}|$

$r_{n+1} > 1$

$\log \log \frac{r_{n+1}}{r}$

$(1, r] = n \leq r$

الف) $|r_{n+1}| = |n + r|$

$r_{n+1} = -n - r$

$r_{n+1} = -\epsilon$

$n = -\frac{\epsilon}{r}$

$|R - \sqrt{-\frac{r}{\epsilon}}, r|$

$r_{n+1} = n + r$

$n = r$

الف)

$r \cos x + 1 > 0$

$\cos > -\frac{1}{r}$

$(rK\pi - \frac{r\pi}{r}, rK\pi + \frac{r\pi}{r})$

ب) $\frac{r-1}{r+1}$

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

$|R - \sqrt{-1, 1}|$

PASARGAD