

الف) $\frac{n+r}{(n-1)(r(n-1)(n+r)} \Rightarrow R - \{1, \frac{1}{r}, r-r\}$

مربع 101

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-) $\frac{n+r}{(n+1)(r(n+1)(n+r)} \Rightarrow R - \{-1, \frac{1}{r}, r-r\}$

د) $\frac{n+r}{(n-1)(n^r-n+1)} \Rightarrow R - \{1\}$

-r

-) $n \rightarrow \frac{1}{r-1} \Rightarrow (-\infty, r] \cup (r+\infty)$

$\frac{r}{n^r+n} = \frac{r}{n(n+r)} \Rightarrow n \neq \{0, r-r\}$
 $\frac{r}{n^r-n+1} = \frac{r}{(n-r)(n-a)} \Rightarrow n \neq \{r, \omega\} \Rightarrow R - \{r, \frac{1}{r}, \omega, \frac{1}{\omega}\}$

-r

هـ) $\left. \begin{array}{l} -n+r \neq 0 \\ -r(n-r) \neq 0 \\ r(n-r) \neq 0 \end{array} \right\} \Rightarrow R - \{\frac{1}{r}, r\}$

-r

-) $\{n^r + r(n+1), n^r + 4n + 1\} \Rightarrow r(n^r - r(n-1))$

$\Rightarrow (n-r)(r(n+r)) \Rightarrow (-\infty, r-\frac{1}{r}] \cup [r+\infty)$

و) $\left. \begin{array}{l} n > 0 \\ \log_n r < 1 \Rightarrow n(r) \end{array} \right\} \Rightarrow (0, r)$

-a

-) $\left. \begin{array}{l} n > 0 \\ 1 - \log_{\frac{1}{r}} n > 0 \Rightarrow \log_{\frac{1}{r}} n < 1 \Rightarrow n > \frac{1}{r} \end{array} \right\} \Rightarrow (\frac{1}{r}, +\infty)$

$$2n-1 > 0 \Rightarrow n > \frac{1}{2}$$

$$\log_a^{(n-1)} > 0 \Rightarrow 2n-1 > a \Rightarrow n > \frac{a+1}{2}$$

$$\log \sqrt{a} > 0, 0 \Rightarrow \log_a^{2n-1} \leq 1 \Rightarrow 2n-1 \leq a \Rightarrow n \leq \frac{a+1}{2} \Rightarrow (163)$$

$$\text{الف) } 2(\cos n + 1) > 0 \Rightarrow \cos n > -\frac{1}{2} \Rightarrow (2k\pi - \frac{2\pi}{3}, 2k\pi + \frac{2\pi}{3})^{-1}$$

$$\Rightarrow \frac{n-1}{n+1} \cdot \frac{-1}{+1} +$$

$$\text{ف) } \frac{n-1}{n+1} > 1 \Rightarrow \frac{-1}{n+1} > 0 \Rightarrow (\infty, -1)$$

$$\Rightarrow \cdot 1 = (-\infty, -1)$$

$$a = -2 \Rightarrow -2n + b > 0 \Rightarrow 2n < b \Rightarrow n < \frac{b}{2} \Rightarrow b = 4$$

$$4 - 1 + 4m^2 \leq 0 \Rightarrow m^2 - 1 \leq 0 \Rightarrow -1 \leq m \leq 1 \Rightarrow 1 - (-1) = 2$$

$$4 - n^2 > 0 \Rightarrow (2-n)(2+n) > 0 \Rightarrow -2 < n < 2$$

$$\{-2, -1, 0, 1, 2\} \rightarrow 5$$

مخرج ہو گیا
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