

الف) $\tan x \neq 0 \rightarrow \tan x \neq -1 \rightarrow$ $\left\{ \mathbb{R} - \left\{ \frac{\pi}{4}, \frac{5\pi}{4} \right\} \right\}$
 $\tan x \neq \pm \infty \rightarrow$ $\left\{ \mathbb{R} - \left\{ \frac{\pi}{2}, \frac{3\pi}{2} \right\} \right\}$

$$1 - \cos \theta \geq 0 \rightarrow \frac{1}{r} \geq \sin \theta \rightarrow \frac{1}{r} \leq \sin \theta \rightarrow \text{Unit Circle} \rightarrow \theta \in \left[\frac{\pi}{4}, \frac{3\pi}{4} \right]$$

ج) $K \sin \alpha - 1710 \rightarrow F \sin \alpha \frac{1}{f} \rightarrow \text{Circle} \rightarrow R \rightarrow \left[R \cos \frac{\pi}{4}, R \sin \frac{\pi}{4} + \frac{\omega R}{4} \right]$

c) $1 - \gamma \cos \pi i \rightarrow \frac{1}{\gamma} \gamma \cos \pi \rightarrow$  $\rightarrow \left[\gamma k \pi + \frac{\pi}{\gamma} \right]$ D

$\left(\frac{\infty}{2} - r \right) \cup \left[-1, +\infty \right)$

$\sqrt{0 - r_n} \leq 1 \rightarrow 0 \leq \sqrt{0 - r_n} \leq 1 \rightarrow 0 \leq r_n - r \rightarrow \frac{r}{r_n} \leq 1$
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ب) $1 - \log_p u > 0 \rightarrow u > \log_p u \rightarrow \boxed{p > u}$ $\boxed{u > 0}$ $(0, p)$

c) $1 - \log_f^{x \rightarrow 70} \rightarrow 17 \log_f^x \rightarrow \left(\frac{1}{f} \right)^{17x}, (0, 1)$

(الف) $\neq y^{(n-n)}$ $\rightarrow$ $r^2 - n^2 \neq r^2 - 5r + 6 = (r-1)(r-6)$
 $+1 - n +$ $\begin{matrix} \textcircled{1} & \textcircled{6} \\ \downarrow & \downarrow \end{matrix}$
 $\rightarrow [0, 2]$

$$\frac{P_K + \omega}{P_W - E} \in W \rightarrow P_W + \omega = P_W W + E W \rightarrow P_W^2 - P_W W = E W^2 - \omega = ?$$

$$W = \frac{E W - \omega}{P_W - P_W} \rightarrow \left\{ \begin{array}{l} W = \frac{E W - \omega}{P_W - P_W} \\ \text{if } P_W = P_W \end{array} \right. \rightarrow \{ \frac{E W - \omega}{P_W - P_W} \} \in W$$

* سوال ۱) اگر تقصیر :
ویر خط بود .

$$\rightarrow r_2^2 + r_2 + 1 \times r_1 + r_1 \times 0 - (r_1 + 1) \left(\frac{r_2 + r_2 + 1}{2} \right) = R \cdot \left(-\frac{1}{2} - \frac{1}{2} - \frac{1}{2} \right)$$