

$$\text{في)} = \cancel{a^x - \epsilon a^x \neq 0} \Rightarrow \cancel{a(a - \epsilon) \neq 0} \quad R - \{0, \pm \epsilon\} \quad \rightarrow$$

∴

$$\hat{c} = a^x + a + \epsilon \neq 0 \quad R \quad R - \{0, \pm \epsilon\} \quad \textcircled{1}$$

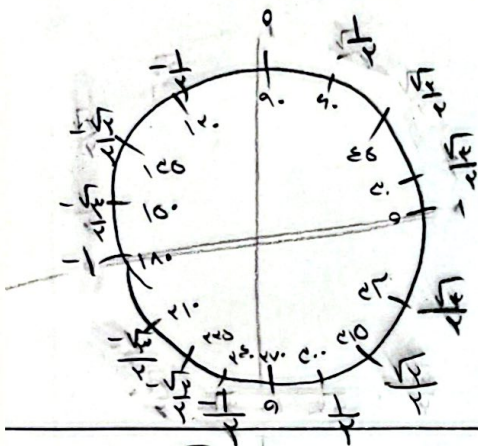
$$\Rightarrow a^x - \epsilon a^x \neq 0 \Rightarrow a^x(a^x - \epsilon) \Rightarrow \cancel{(a^x)(a - \epsilon)(a + \epsilon)} \quad \frac{p-r}{-} \frac{-r}{+} \frac{r}{-}$$

$$\text{في)} \Rightarrow 5 - a > 0 \Rightarrow -a > -5 \Rightarrow a < 5 \Rightarrow a - 2 > 0 \Rightarrow a > 2 \Rightarrow 2 < a < 5 \Rightarrow [2, 5] \quad \textcircled{1}$$

$$\therefore R \quad \textcircled{1} \quad a - \epsilon + 0 \rightarrow a + \epsilon \quad [2, +\infty) - \{ \epsilon \}$$

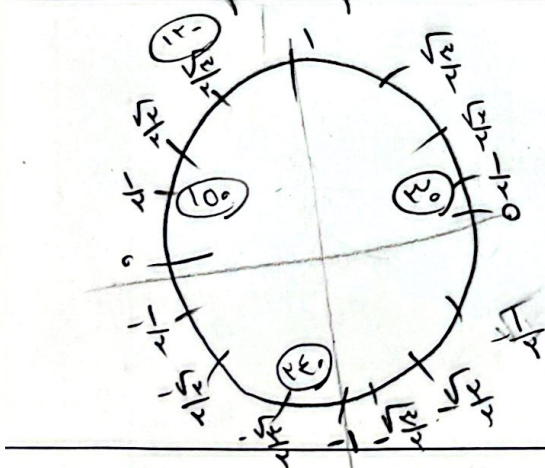
$$\text{في)} \Rightarrow \cancel{a - \epsilon > 0 \Rightarrow a > \epsilon} \quad a - \epsilon > 0 \Rightarrow a > \epsilon \Rightarrow [\epsilon, +\infty)$$

$$\Rightarrow |a| + a^x > 0 \Rightarrow R \quad R - \{0\} \quad \textcircled{1, 2}$$



cos

9



cos
sin

Sin

9

$$\frac{r}{r} = 1 \Rightarrow \frac{1}{r} + \frac{1}{r} \Rightarrow \frac{2r}{r} \Rightarrow \frac{2}{1}$$

الف

9

$$\frac{r}{r} \Rightarrow \frac{r}{r} \Rightarrow \frac{1}{r} \Rightarrow \frac{r}{r} \Rightarrow \frac{1}{r}$$

31

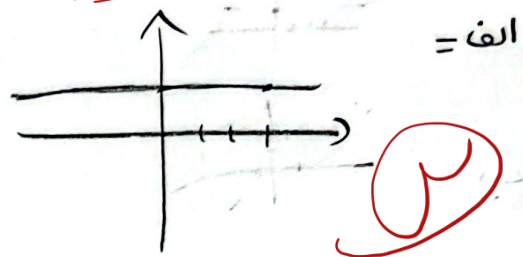
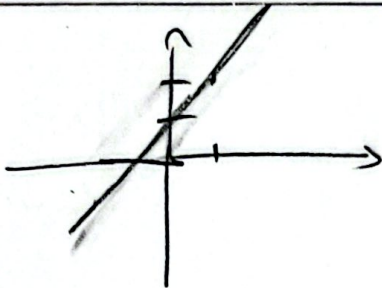
$$\underline{n - \sum = 0 \rightarrow n = \sum}$$

2.) $y - \tau = 0 \rightarrow y = \tau$

~~$\frac{1}{2} \ln 2$~~

در $x=0$ با شیب ∞ $\Rightarrow$

۹ رومقدار $\frac{\pi}{2}$ و $\frac{3\pi}{2}$ داریم



$$a + \tau b = 1$$

~~$a + 2a = 140 - 1$~~

$$\Rightarrow a = -\Sigma$$

$$y = 1 \rightarrow 1 = (r)^T - \sum (r) + b$$

$$a + r b = y \quad b = a \quad \text{w/ r}$$

$$y_A = -\frac{b^y - \epsilon a^c}{\epsilon a} = \frac{a^y - \epsilon b}{\epsilon} = y_a = \frac{19 - \epsilon b}{\epsilon} \Rightarrow$$

$$E = 14 - F_D = E_A = 14 \Rightarrow b = 4 \Rightarrow -E + G = 4$$

