

$$\log^v = r_n^v - n$$

$$r_1 \sqrt{x-r} + |y-r| = 0 \quad \text{قاطع است}$$

$$n - \xi_{00} = 5n - \xi$$

$$y \cdot r \cdot n \Rightarrow y = r$$

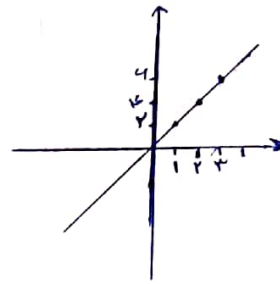
$$r_1 |y| + r_2 x = r_1 + r_2 = \frac{r_1}{r_1} |y| + \frac{r_2}{r_2} x$$

$\Rightarrow$ ① $y = r$
 ② $y = -r$

$$\lim_{n \rightarrow \infty} \cos y = \left\{ \frac{\pi}{4}, \frac{3\pi}{4} \right\} \text{ - جواب}$$

1) $y = k$
 $y = 1$

$$y_1 y = a n + b \Rightarrow y = y_n$$



$$\therefore y = x$$

$$\Rightarrow a \wedge b \Rightarrow a = 1, b = 0$$

$$\hookrightarrow 1 + r(n) = 1$$

$$y = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$$

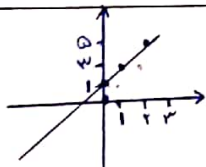
$$a+b = -2+10=8$$

$$\frac{-b}{2a} = -1 \Rightarrow \frac{-a}{1} = -1 \Rightarrow -a = -1 \Rightarrow a = +1$$

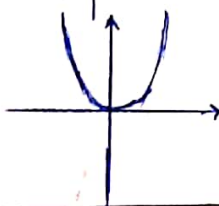
$$\frac{-\Delta}{2a} = 1 = 1 - \frac{(a^2 - 4b)}{4} = 1 = \frac{4 - (a^2 - 4b)}{4} = \frac{4 - a^2 + 4b}{4} = \frac{4 - 16 + 4b}{4} = \frac{-12 + 4b}{4} = \frac{-3 + b}{1} = b - 3$$

$$E_b = 4, \quad b = 5$$

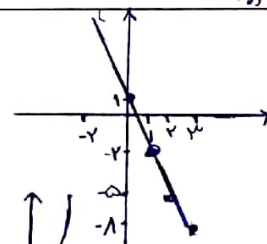
$$119 = 17 \times 7$$



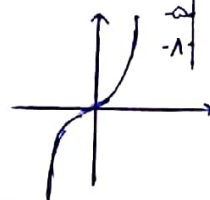
$$v, y = 2^k$$



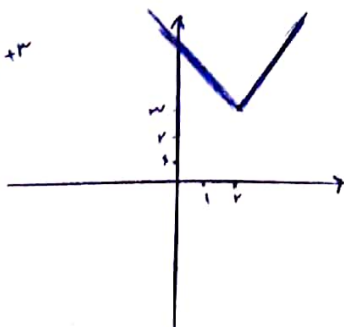
$$r_1 y = -r_{n+1}$$



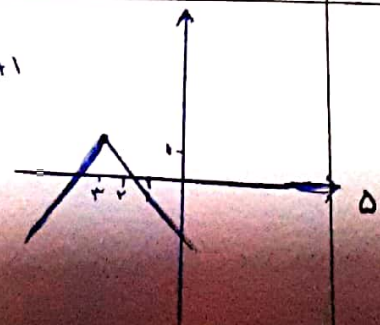
$$t_1 y = 20$$



$$11g = |x - r| + r$$



$$v, y = -|x-w| + 1$$



$$1) \frac{n+r}{n^2-\varepsilon n} \Rightarrow n(n-\varepsilon) < \varepsilon \quad D_F = \mathbb{R} - \{0, \varepsilon\}$$

$$\frac{r(n+\varepsilon)}{n^2+n+\varepsilon} \quad D_F = \mathbb{R}$$

$$\frac{r(n+\varepsilon)}{n^2-\sqrt{n+1}\varepsilon} \Rightarrow n^2-\sqrt{n+1}\varepsilon > 0$$

$$\Delta < 0, \text{ لا يوجد}$$

$$D_F = \mathbb{R}$$

$$\frac{r(n+\varepsilon)}{n^2-\varepsilon n} \Rightarrow n^2(n-\varepsilon) > n^2(n+r)(n-r) \quad D_F = \mathbb{R} - \{0, r, -r\}$$

$$1) y = \sqrt{4-n} + \sqrt{n-r}$$

$$\Rightarrow n-r > 0 \Rightarrow n > r$$

$$4-n > 0 \Rightarrow n < 4$$

$$\} \cap D_F = [r, 4]$$

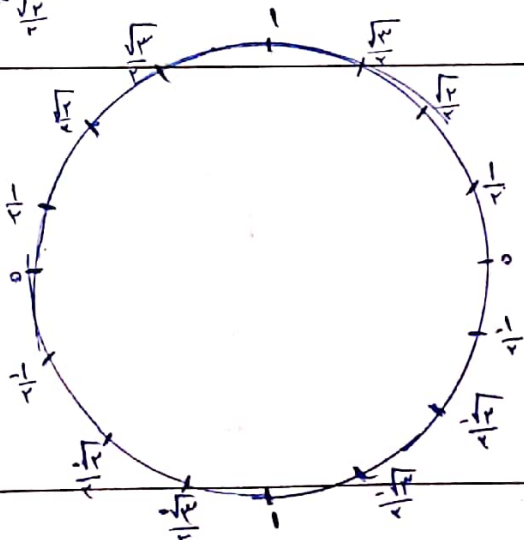
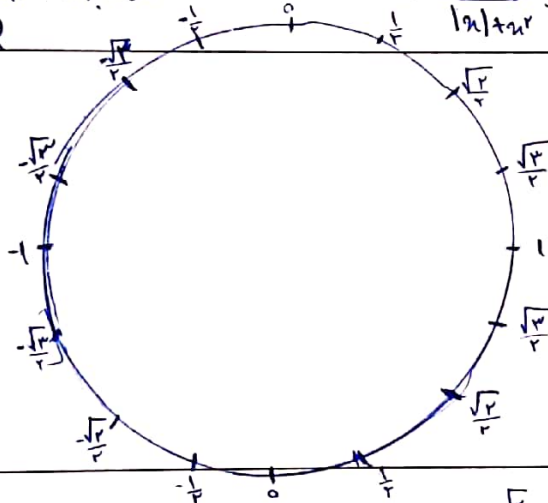
$$1) y = \sqrt{n-r} \Rightarrow n-r > 0 \Rightarrow n > r$$

$$n-\varepsilon \Rightarrow n-\varepsilon > 0 \Rightarrow n > \varepsilon$$

$$D_F = [r, +\infty) - \{\varepsilon\}$$

$$1) y = \frac{r(n+1)}{n^2+1} \Rightarrow n^2+1 > 0 \Rightarrow n^2 \neq -1 \quad D_F = \mathbb{R}$$

$$1) y = \frac{r(n+r)}{|n|+nr} \Rightarrow |n|+nr > 0 \quad D_F = \mathbb{R} - \{0\}$$



$$1) \sin n = -\cos \frac{r\pi}{r} \Rightarrow -(-\frac{1}{r}) = \frac{1}{r} \cdot \sin n$$

$$\Rightarrow n = \frac{\pi}{r}, \frac{\Delta\pi}{r}$$

$$1) \sin n = -\cos \frac{11\pi}{4} \Rightarrow -\frac{\sqrt{2}}{2} = \sin n$$

$$\Rightarrow n = \frac{5\pi}{4}, \frac{\Delta\pi}{r}$$