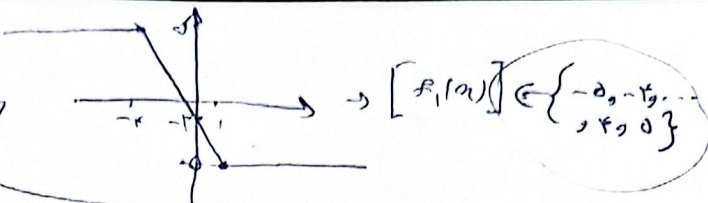
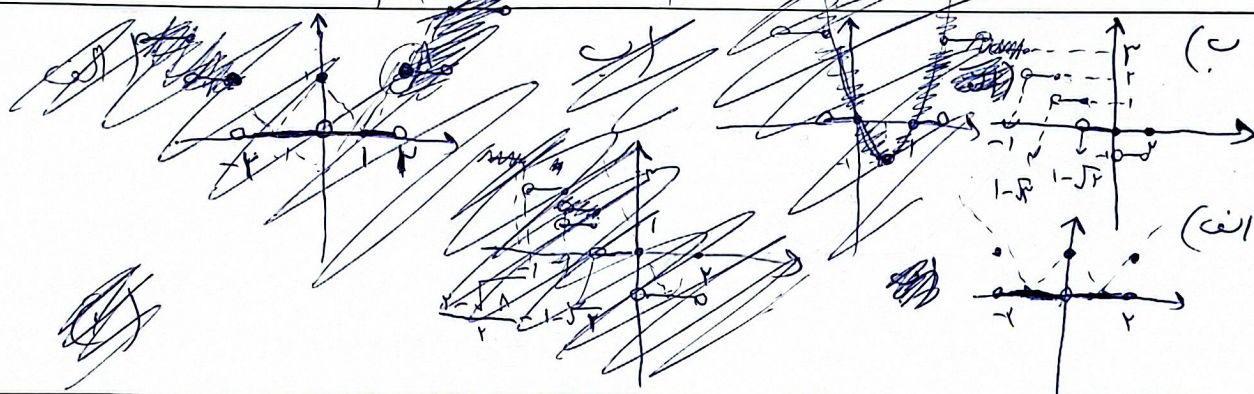
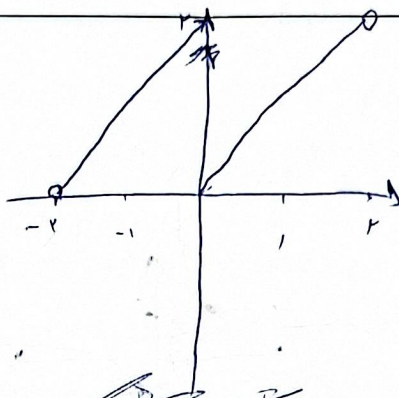
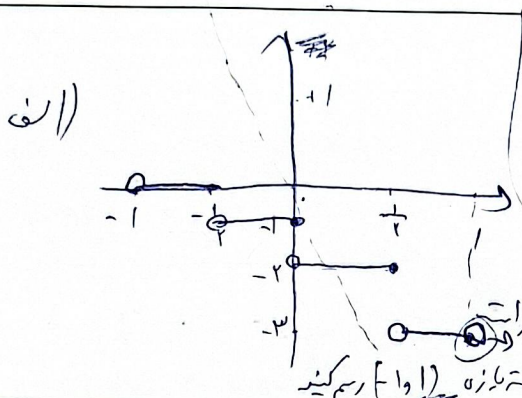


$$a) \quad L(n) = |1 - n| - |n + 4|$$



$$\Rightarrow f_r(x) = \frac{1}{x} - \left[\frac{x+1}{x} \right] \rightarrow 1 + \left(\frac{1}{x} - \left[\frac{1}{x} \right] \right) \left\{ R_{f_r} = [0, 1] \right\}$$



$$a + \underset{\substack{\uparrow \\ b}}{k} = r, r \rightarrow a = \cancel{\frac{r}{k}} k + r$$

$$b - [a] = r, r \rightarrow \underline{b = k_r + 0, r} \rightarrow a + [b] = a + k_r = x, r \Rightarrow a + b = a + 1_r + 0, r = (x, r)$$

$$\cancel{(1+\sqrt{r})} (1-\sqrt{r}) = -1 \rightarrow [1-\sqrt{r}] \neq [1+\sqrt{r}] = ?$$

$$t_1^9 \left(-\frac{1}{t_1^4} \right)' = t_1^9 + \frac{1}{t_1^4} = 191 \rightarrow t_1^{13} - 191 t_1^4 + 1 = 0$$

$$t_Y = t_Y^4 \rightarrow t_Y^4 - 191 t_Y + 1 = 0$$

$$\Rightarrow E_y = \frac{19\lambda + \sqrt{19^2 - 1}}{2} = 99 + \sqrt{99^2 - 1} = 99 + \sqrt{9800}$$

$$[E_T] = [99 + 1.0 \sqrt{9 \lambda}] = 99 + \sqrt{9 \lambda} \quad \sqrt{\lambda} = 1.0 \Rightarrow 99 + 9 \lambda = \sqrt{9 \lambda}$$