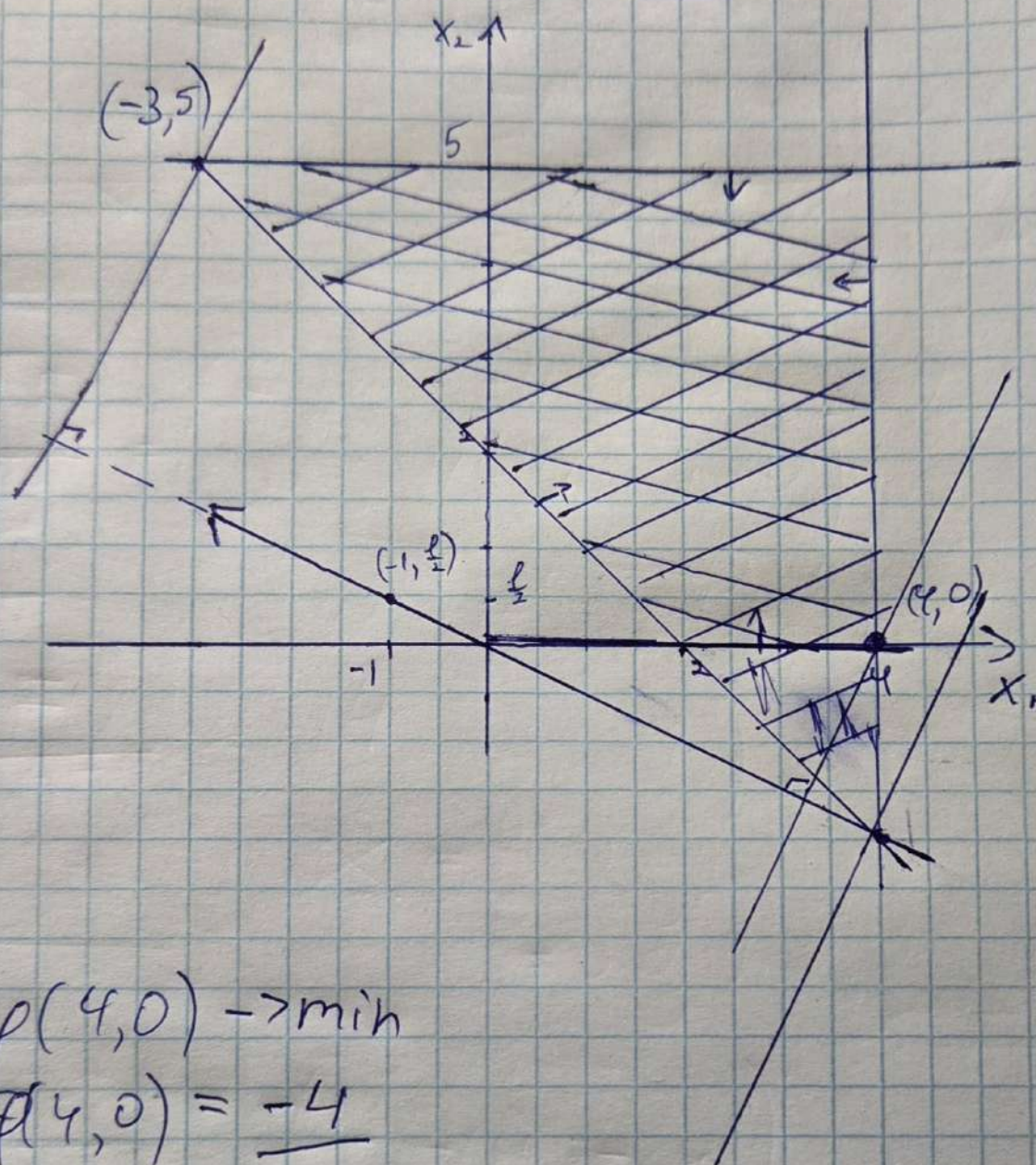


Задача 6

25. $\varphi = -x_1 + (1/2)x_2$

13.
$$\begin{cases} x_1 \leq 4 \\ x_2 \leq 5 \\ x_1 + x_2 \geq 2 \\ x_1 \geq 0 \\ x_2 \geq 0 \end{cases}$$



$\varphi(4, 0) \rightarrow \min$

$\varphi(4, 0) = \underline{-4}$

$\varphi(-3, 5) \rightarrow \max$

$\varphi(-3, 5) = -(-3) + 2,5 = \underline{5,5}$