"Solve graphically"

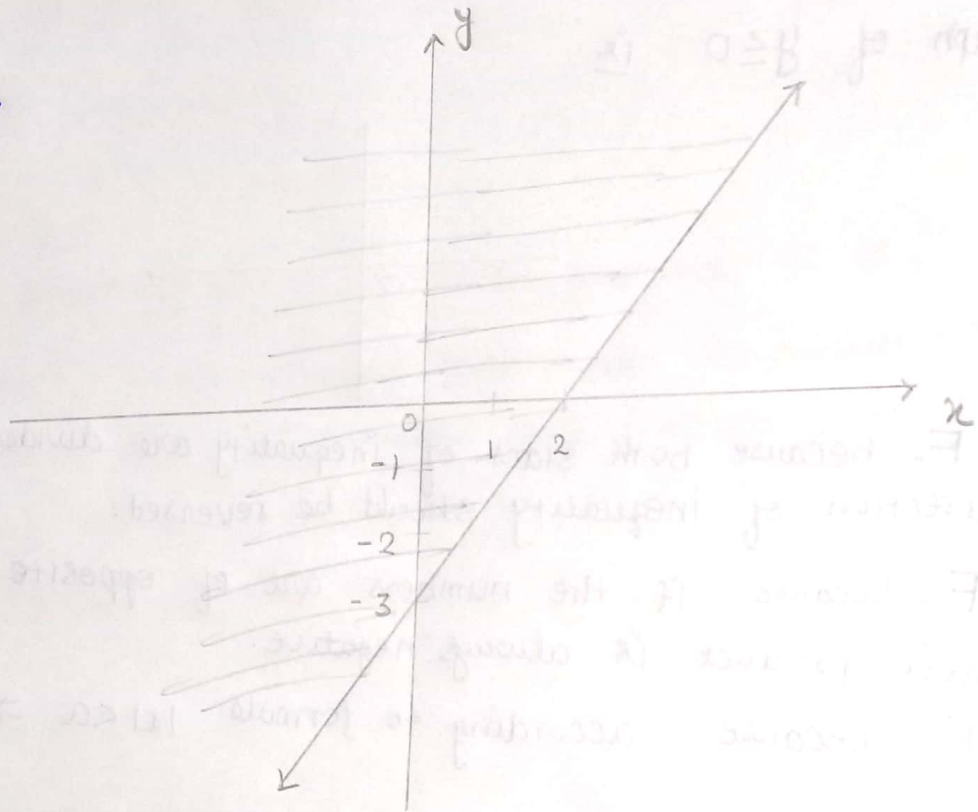1. $-3x + 2y \geqslant -6$

Solⁿ STEP 1 → $-3x + 2y = -6$

STEP 2 → $y = 0 \Rightarrow x = \dfrac{-6}{-3} = 2$ $(2, 0)$

$x = 0, \; y = \dfrac{-6}{2} = -3$ $(0, -3)$

STEP 3 → line will be solid because of inequality of type.

$(\geqslant)$

STEP 4 →

STEP 5 →

arbitrary point → $(-1, -1)$

$-3(-1) + 2(-1) = 1 \geqslant -6$

So, solution region of given inequality is above of

(should include the region of $(-1, -1)$)