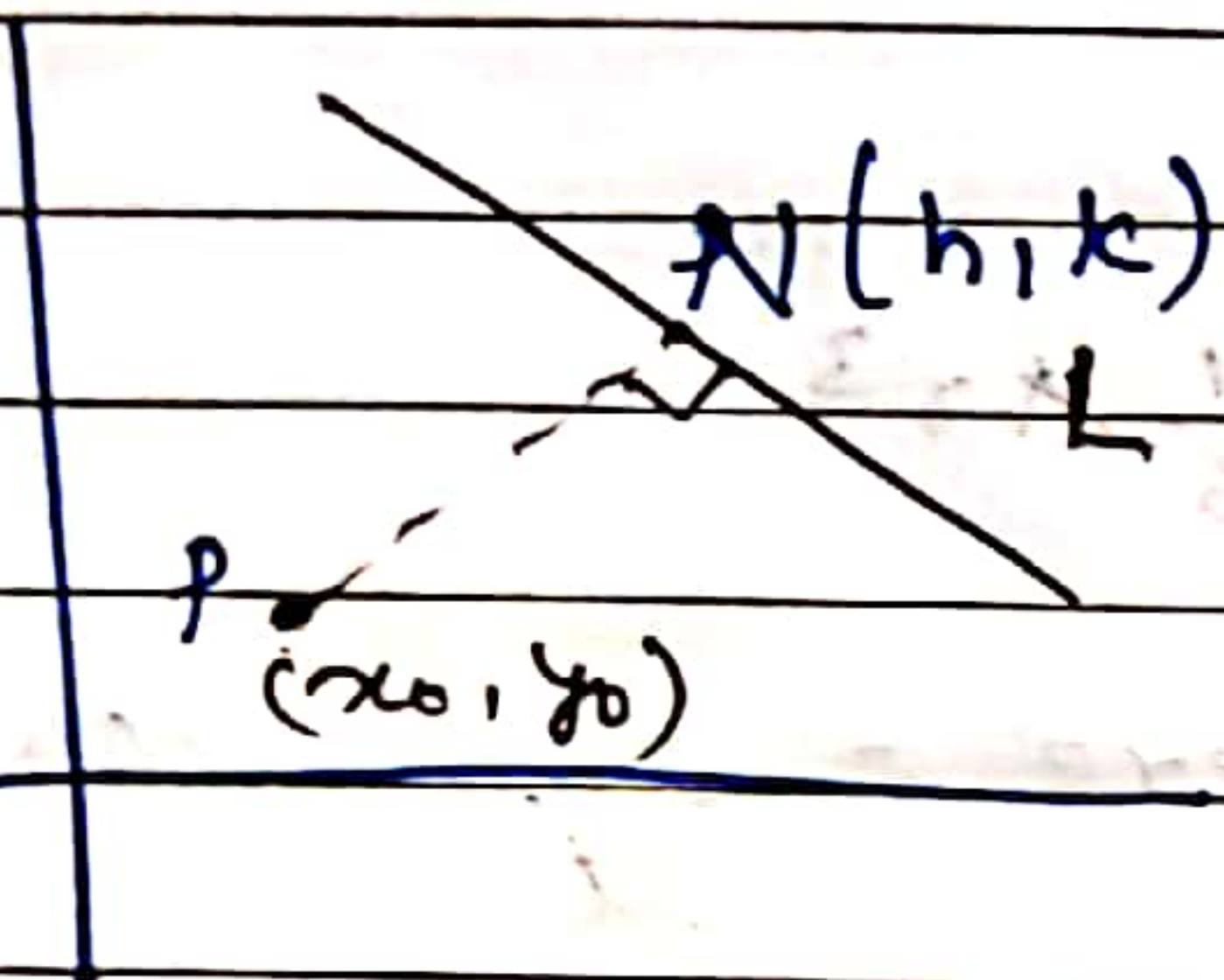


TIPS AND TRICKS

→ If you have to find distance between a line and point, you can use also an alternate method

For eg-

a line $L \equiv ax + by + c = 0$
& a point (x_0, y_0)



let us consider the point of intersection be N.

let, $PN \equiv (h, k)$

$$(\text{Slope of } PN) (\text{Slope of line } L) = -1$$

&
N lies on L

Using both conditions, you can easily find the point N.
& then distance b/w points P & N.