...

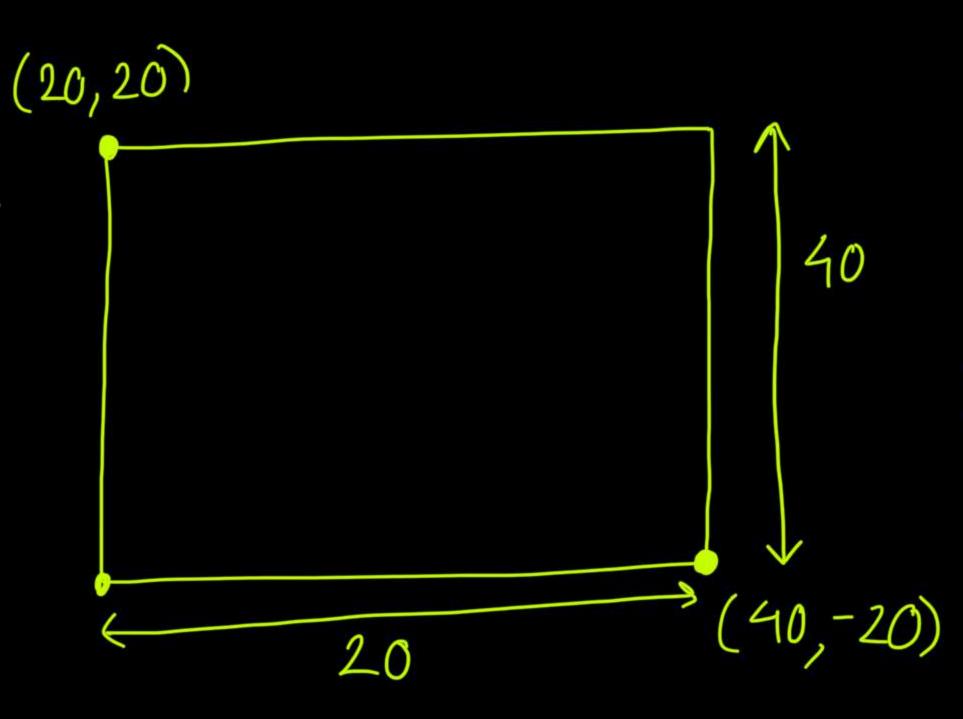
ZK









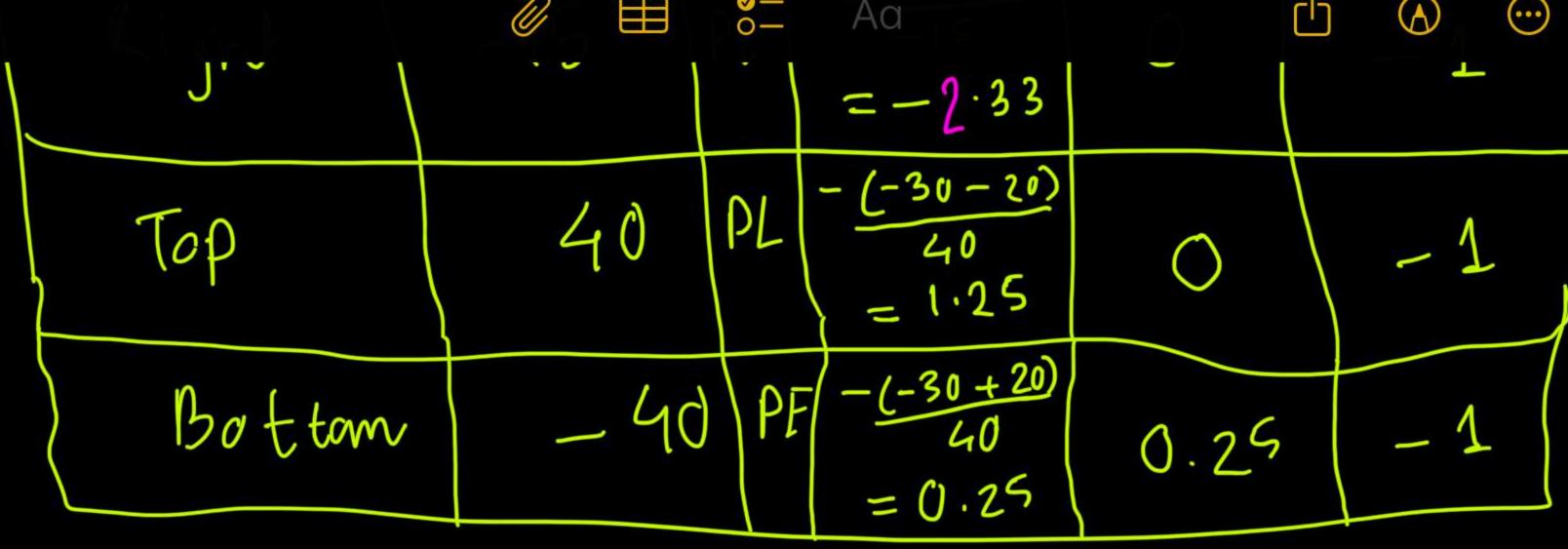


$$D = (-15, 40)$$

Borndary	1	Vi.D		t	tE	tL
Left		15	PL	$-\frac{(5-20)}{-15}$	0	-1
Right		-15	PE	-(5-40) -15 =-2.33	0	1
Top		40	P	= 1.25	0	-1
Bot	;0 <b>/</b> /\		10	$ \begin{array}{c c} PF & -\frac{1-30+20}{40} \\ & = 0.25 \end{array} $	0.29	-1

tE>tl -> Rejected

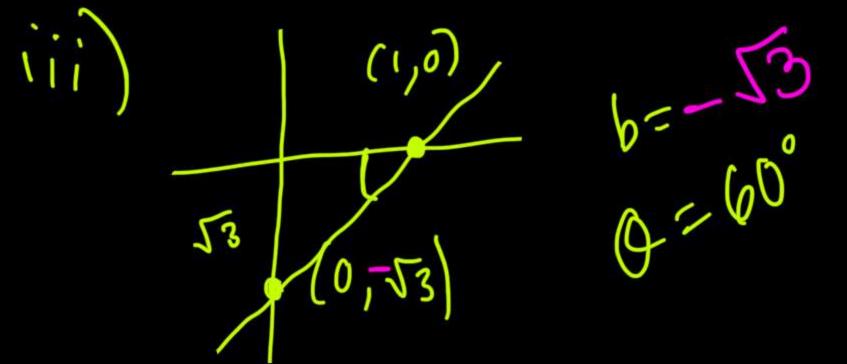
- 2i) After translating & rotating, the line aligns with the x-axis.
  - ii) les, since lines are preserved.



tE>tl -> Rejected

2i) After translating & rotating, the line aligns with the x-axis

ii) les, since lines are preserved.



$$\begin{bmatrix} 1 & 0 & 0 \\ 0 & 1 & -\sqrt{3} \\ 0 & 0 & 1 \end{bmatrix} \times \begin{bmatrix} \cos 60 & -\sin 60 & 0 \\ \sin 60 & \cos 60 & 0 \\ \cos \cos 60 & 0 \\ \cos \cos 60 & 0 \end{bmatrix} \times \begin{bmatrix} 1 & 0 & 0 \\ 0 & -1 & 0 \\ 0 & 0 & 1 \end{bmatrix} \times \begin{bmatrix} \cos -60 & -\sin -60 & 0 \\ \sin -60 & \cos -60 & 0 \\ \cos \cos -60 & \cos -60 \\ \cos$$