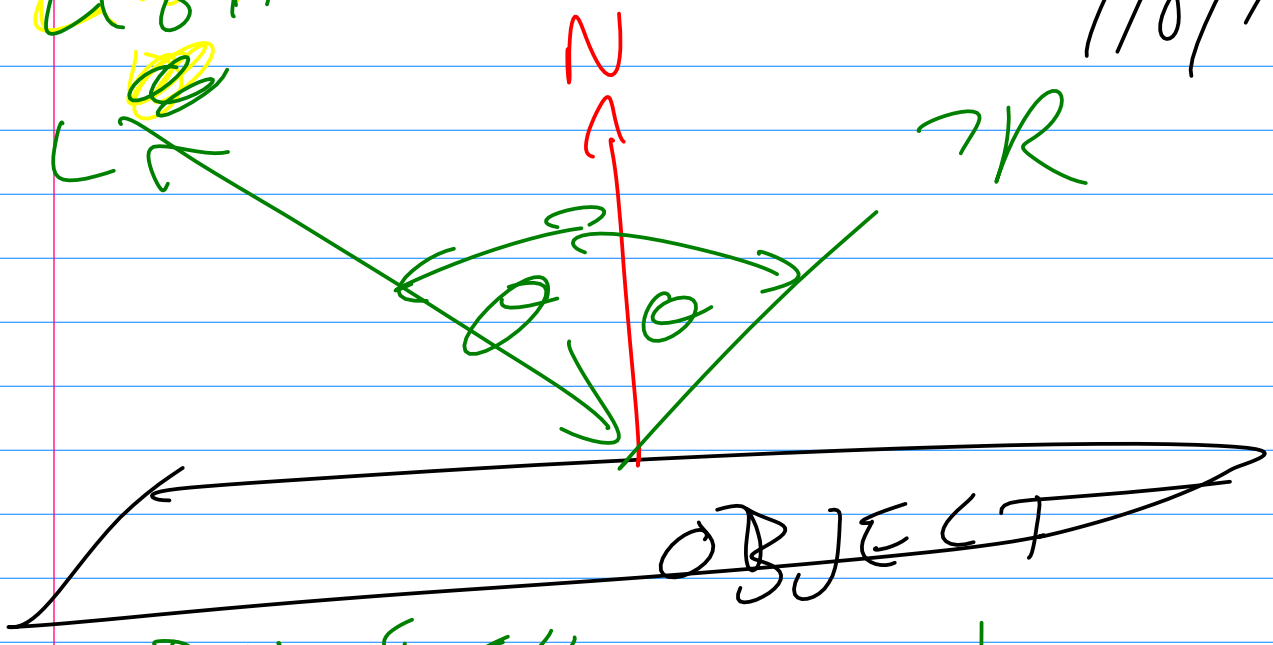
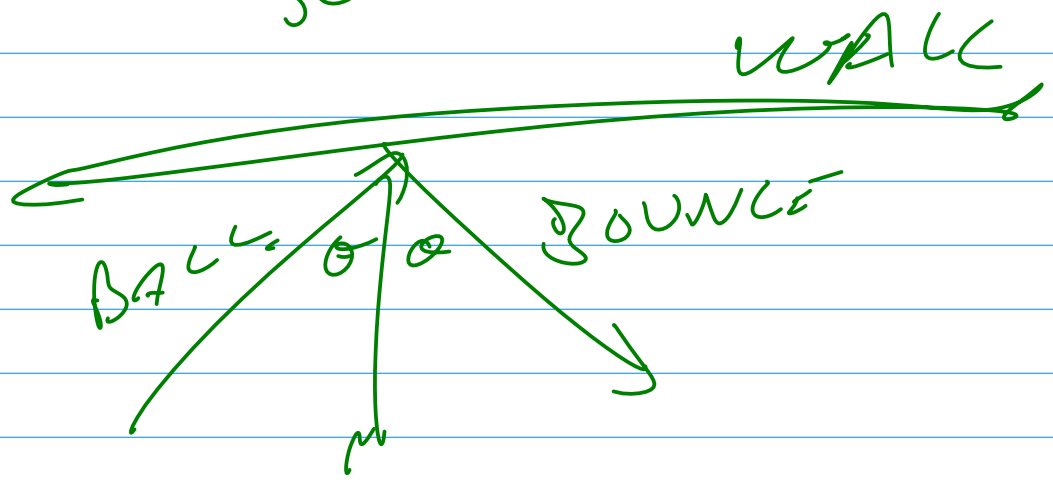


9/8/14 p1

C LIGHT

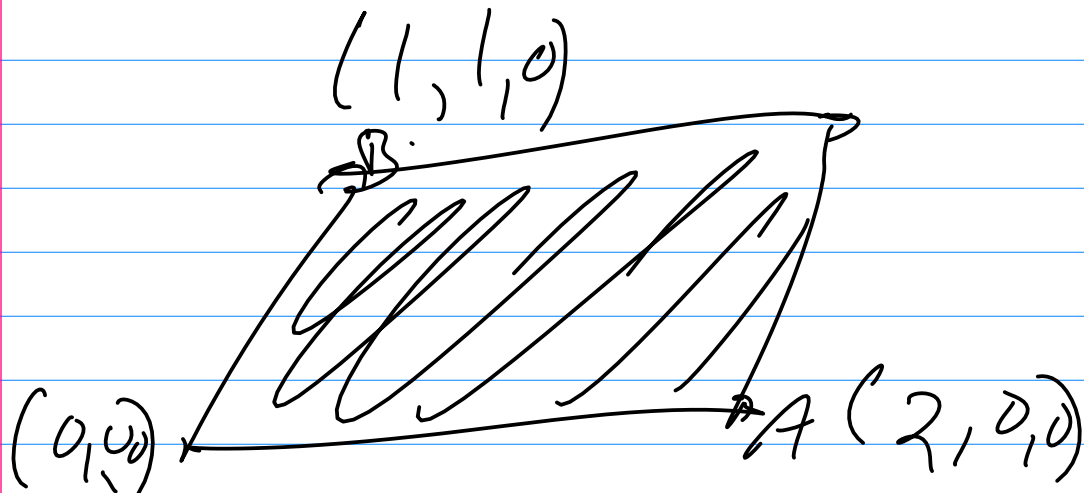


BRIGHTNESS \approx $L \cdot N$
 SCALAR \uparrow DOT PRODUCT



2

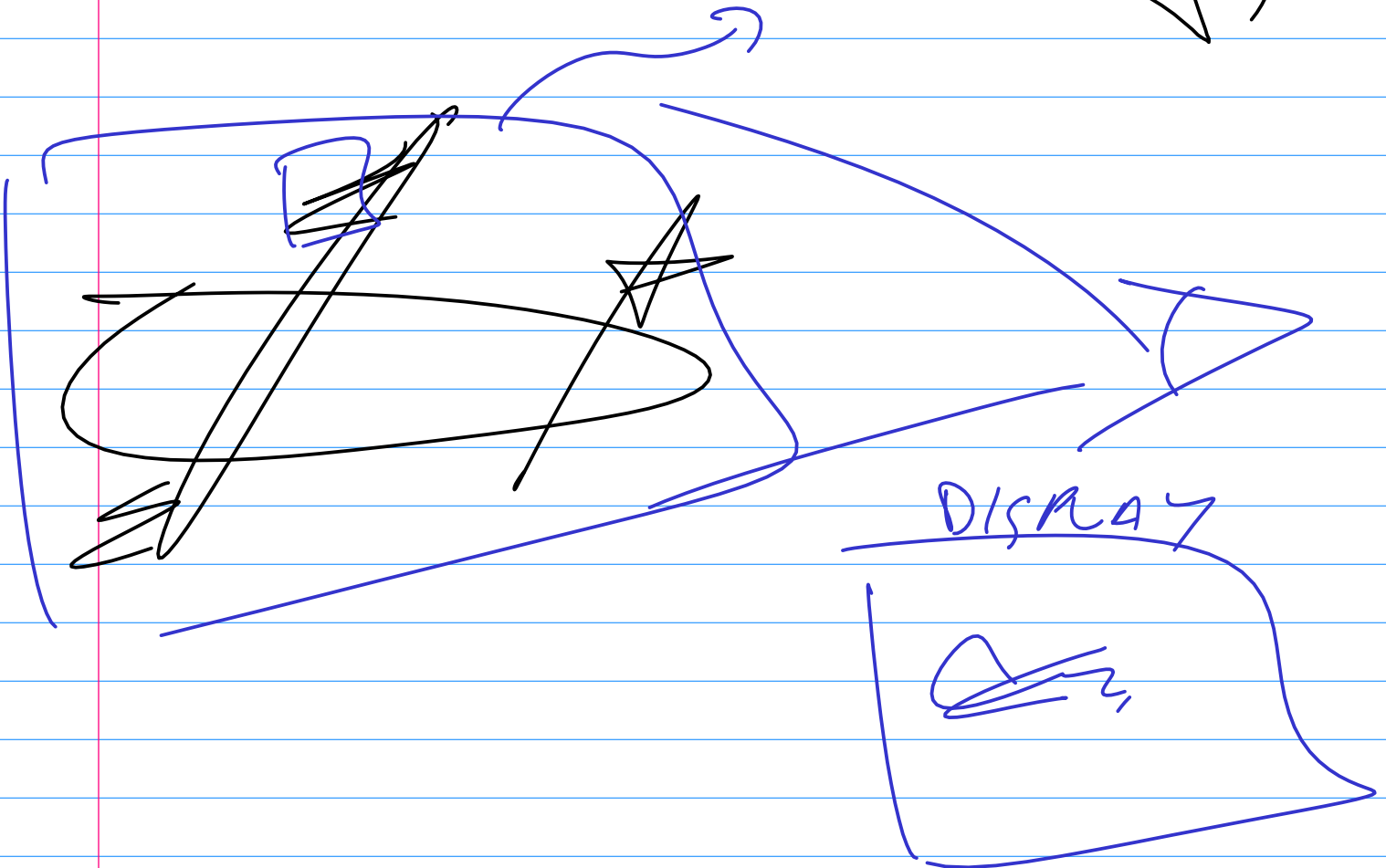
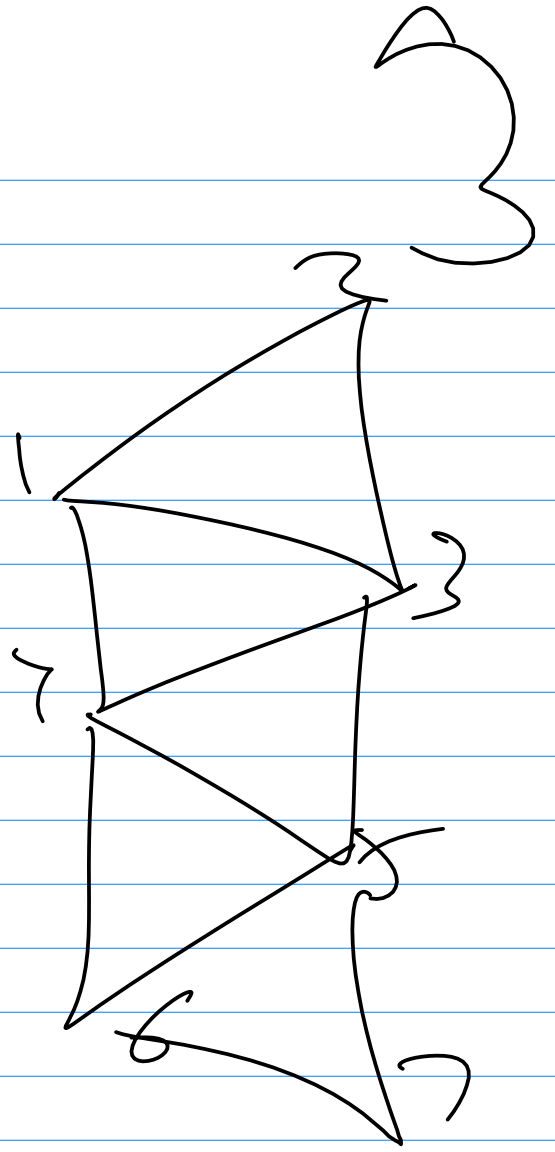
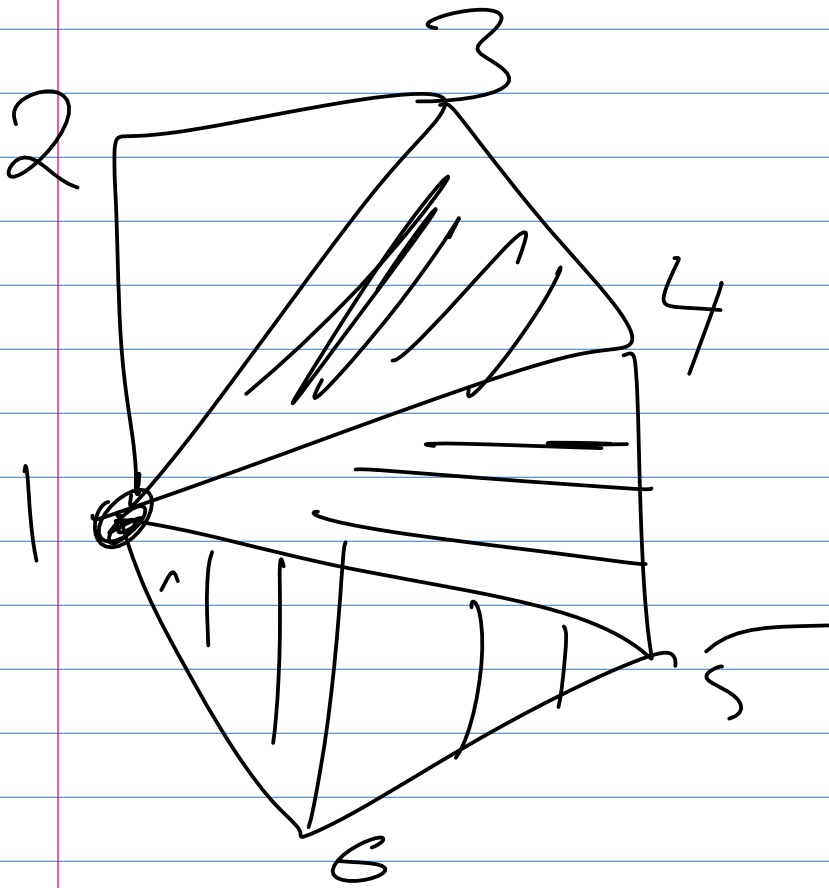
(VECTOR) CROSS PRODUCT

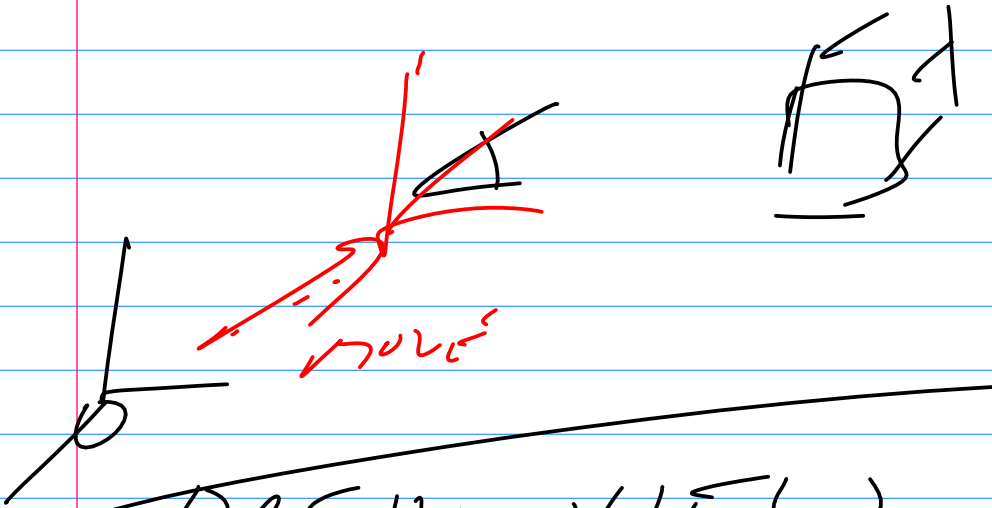


$$\text{AREA} = A \times B$$

$$A \times B = \begin{vmatrix} \mathbf{i} & \mathbf{j} & \mathbf{k} \\ 2 & 0 & 0 \\ 1 & 1 & 0 \end{vmatrix} = (0, 0, 2)$$

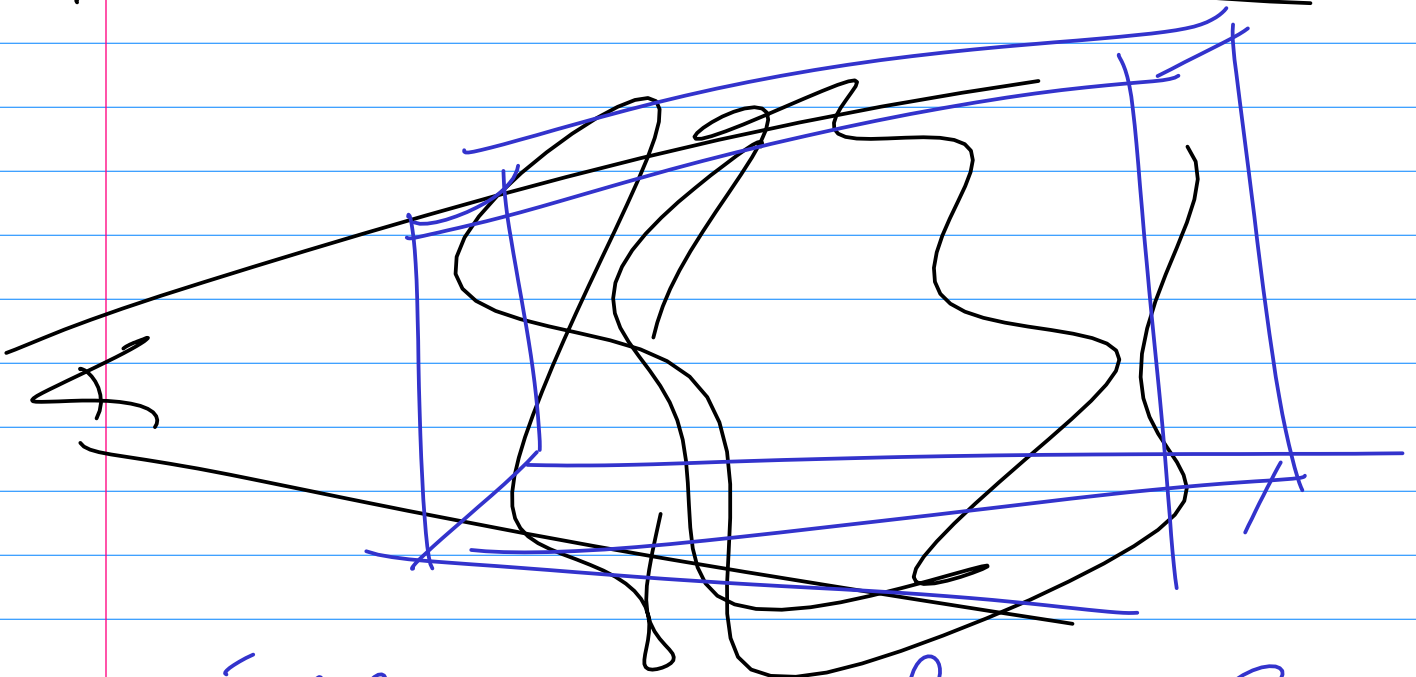
$$\text{AREA} = 2$$





ORTHO VIEW

$$(1, 2, 3) \rightarrow (1, 2, 0)$$

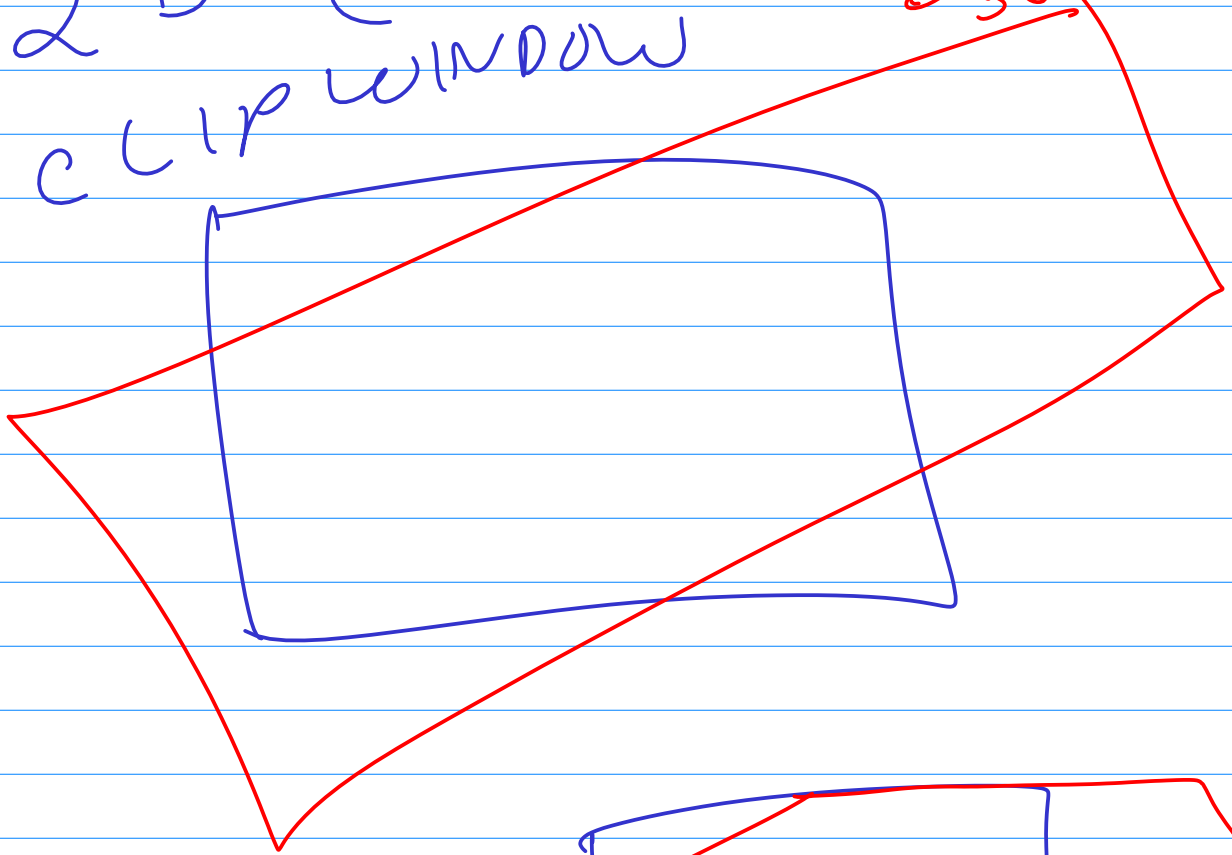


NEAR, FAR, T, B, L, R 6

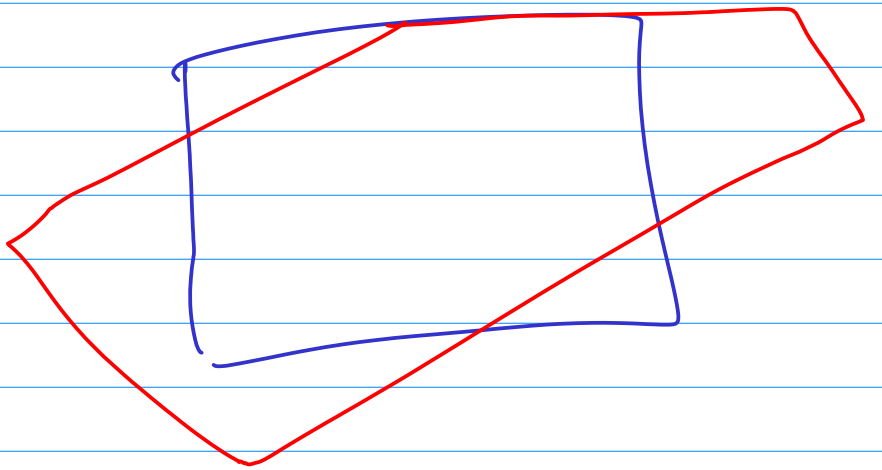
2D CLIP WINDOW

OBJECT

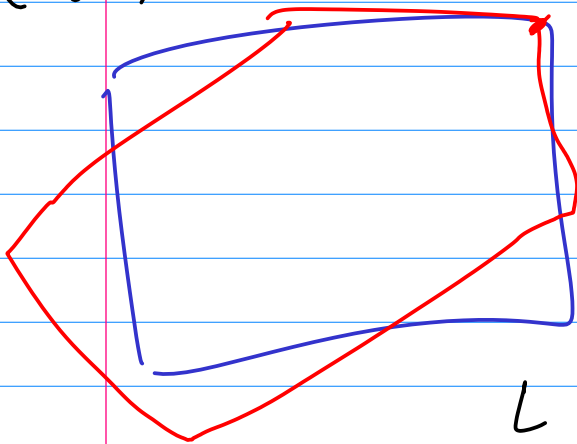
5



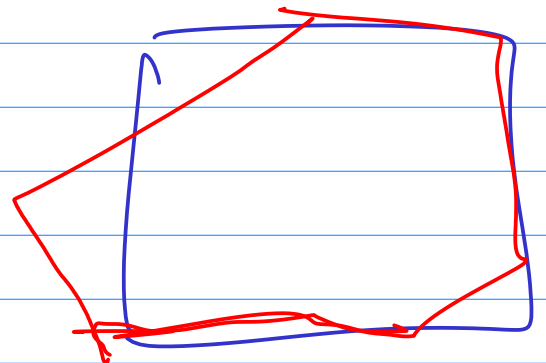
TOP



RIGHT



BOT



L →

