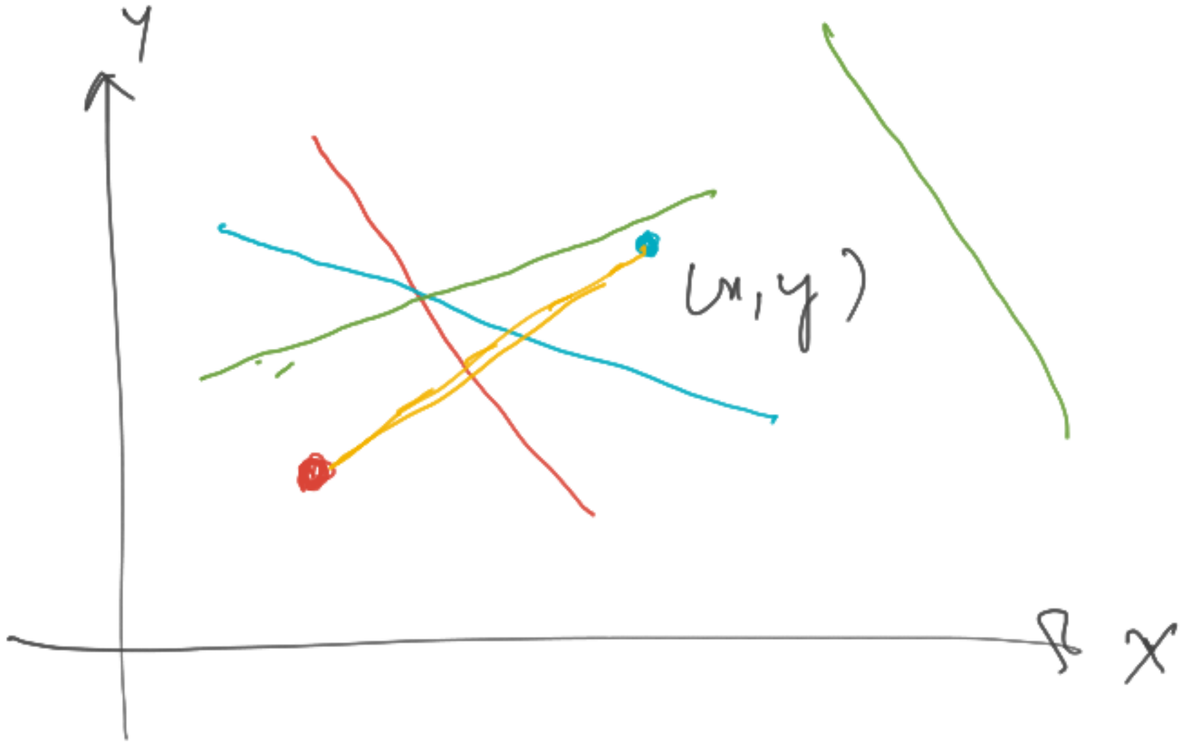
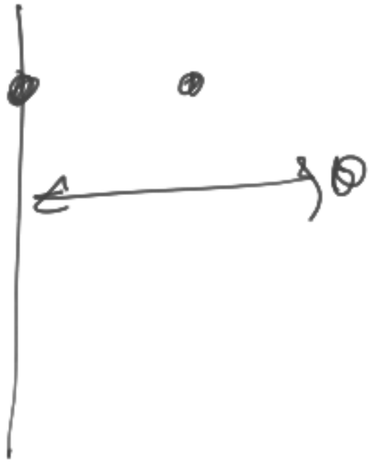
self - $\frac{3}{5}$ other $\frac{2}{7}$

add $\Rightarrow \frac{3}{5} + \frac{2}{7} = \frac{3\times7 \oplus 2\times5}{5\times7} = \frac{21+10}{35} = \frac{31}{35}$

sub $\Rightarrow = \frac{3\times7 - 2\times5}{5\times7} = \frac{21-10}{35} = \frac{11}{35}$

mult $\Rightarrow \frac{3\times2}{5\times7} = \frac{6}{35}$ div $\Rightarrow \frac{3\times7}{5\times2} = \frac{21}{10}$





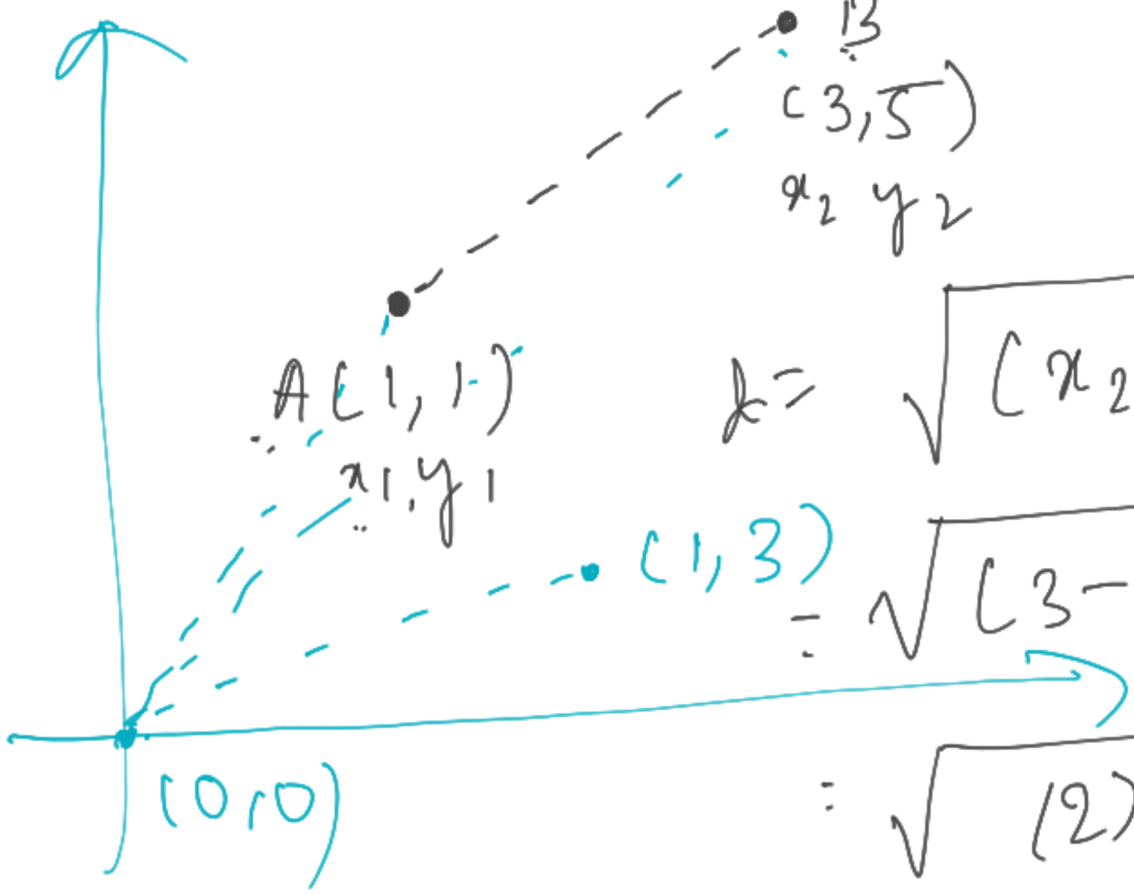
Point obj

- x, y

Line obj

$y = mx + c$

$ax + by + c = 0$



$$d = \sqrt{(x_2 - x_1)^2 + (y_2 - y_1)^2}$$

$$= \sqrt{(3-1)^2 + (5-1)^2}$$

$$= \sqrt{(2)^2 + (4)^2} = \sqrt{4+16} = \sqrt{20}$$

$$= 2\sqrt{5} = 4.47$$

2	20
2	10
5	5
	1