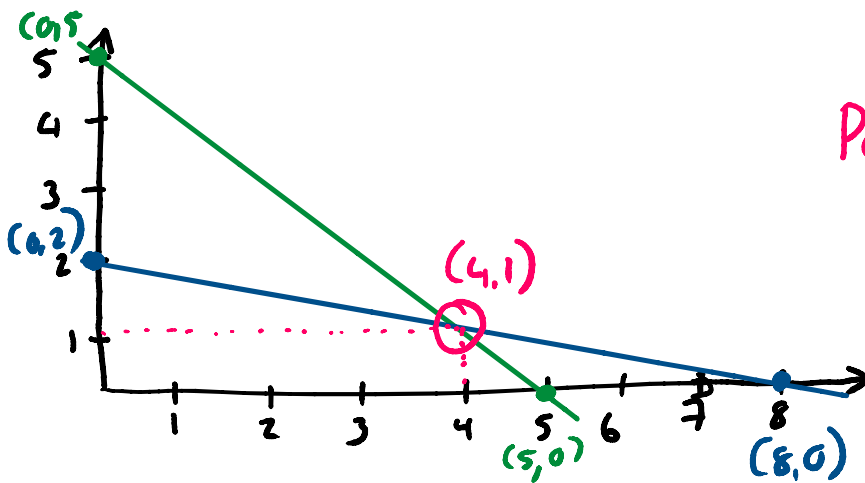① **Graphicaly**

Graph the lines use x axis $(y=0)$ and y axis $(x=0)$

Eg 1) Find the points of intersection of the lines $x+y=5$ and $x+4y=8$

Solution:

$x+y=5$

cuts x axis	cuts y axis
$y=0$	$x=0$
$x+(0)=5$	$(0)+y=5$
$x=5$	$y=5$
$(5,0)$	$(0,5)$

$x+4y=8$

cuts x axis	cut y axis
$y=0$	$x=0$
$x+4(0)=8$	$(0)+4y=8$
$x=8$	$\div4 \quad y=2 \quad \div 4$
$(8,0)$	$(0,2)$

Point of intersection
$(4,1)$

Pg 225 Q4

$x+y=5$ $2x-y=1$

$$x + y = 5$$

$$\begin{cases} 2x - y = 1 \end{cases}$$