



It is seen that the solution of the given system of equations is given by  $x = 4, y = 3$ .

Also, it is observed that the lines (i) and (ii) meet the  $y$ -axis at the points  $(0, 11)$  and  $(0, -1)$  respectively.

(iv) The given equations are

$$x + 2y - 7 = 0 \quad \text{.....(i)}$$

$$2x - y - 4 = 0 \quad \text{.....(ii)}$$

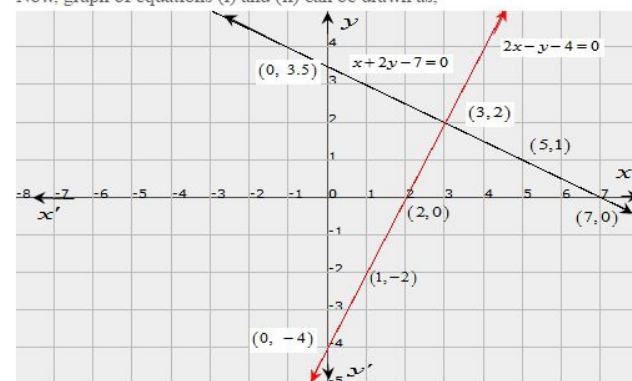
The two points satisfying (i) can be listed in a table as,

$x$	5	7
$y$	1	0

The two points satisfying (ii) can be listed in a table as,

$x$	2	1
$y$	0	-2

Now, graph of equations (i) and (ii) can be drawn as,



It is seen that the solution of the given system of equations is given by  $x = 3, y = 2$ .

Also, it is observed that the lines (i) and (ii) meet the  $y$ -axis at the points  $(0, 3.5)$  and  $(0, -4)$  respectively.

(v) The given equations are

$$3x + y - 5 = 0 \quad \text{.....(i)}$$

$$2x - y - 5 = 0 \quad \text{.....(ii)}$$

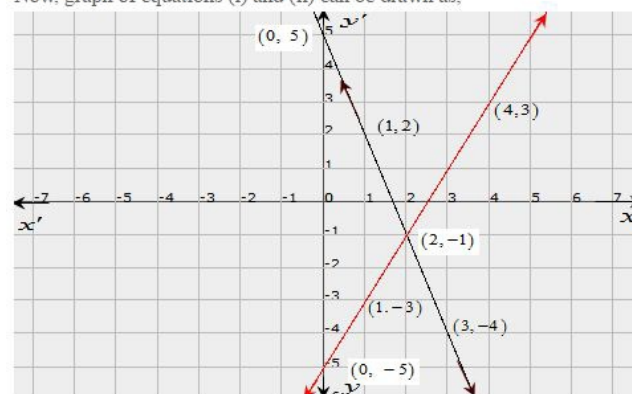
The two points satisfying (i) can be listed in a table as,

$x$	1	3
$y$	2	-4

The two points satisfying (ii) can be listed in a table as,

$x$	1	4
$y$	-3	3

Now, graph of equations (i) and (ii) can be drawn as,



It is seen that the solution of the given system of equations is given by  $x = 2, y = -1$ .

Also, it is observed that the lines (i) and (ii) meet the  $y$ -axis at the points  $(0, 5)$  and  $(0, -5)$  respectively.

(vi) The given equations are

$$2x - y - 5 = 0 \quad \text{.....(i)}$$

$$x - y - 3 = 0 \quad \text{.....(ii)}$$

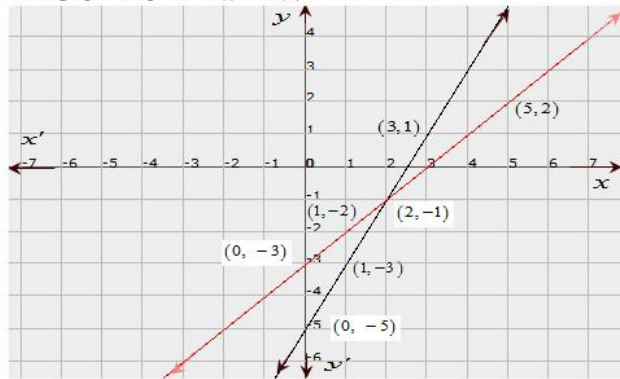
The two points satisfying (i) can be listed in a table as,

$x$	1	3
$y$	-3	1

The two points satisfying (ii) can be listed in a table as,

$x$	1	5
$y$	-2	2

Now, graph of equations (i) and (ii) can be drawn as,



It is seen that the solution of the given system of equations is given by  $x = 2, y = -1$ .

Also, it is observed that the lines (i) and (ii) meet the  $y$ -axis at the points  $(0, -3)$  and  $(0, -5)$  respectively.

\*\*\*\*\* END \*\*\*\*\*