Step-1

We have to draw the row and column pictures for the equations:

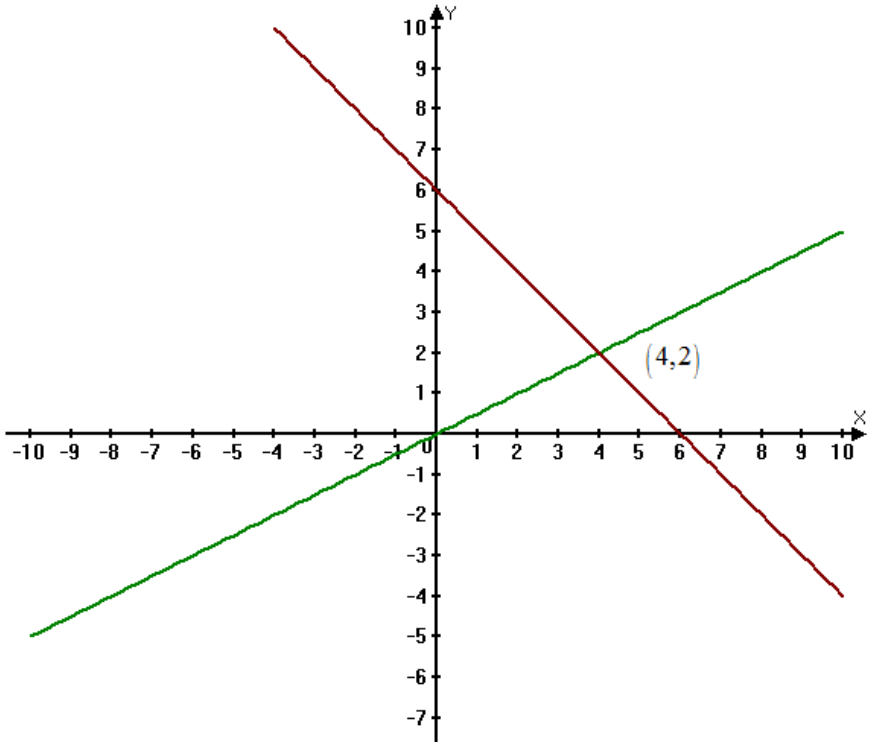
$x-2y=0$ â€¦â€¦ (1)

$x+y=6$ â€¦â€¦ (2)

By solving (1) and (2), we will get the point of intersection as $(4,2)$

Step-2

Row picture of the equations in the plane as shown as follows:



Step-3

The column picture for the equations as follows:

$$x\begin{pmatrix}1\\1\end{pmatrix}+y\begin{pmatrix}-2\\1\end{pmatrix}=\begin{pmatrix}0\\6\end{pmatrix}$$

By performing $4(\text{first column})+2(\text{second column})=(0,6)$, we will get the solution as $(x,y)=(4,2)$