## Step-1

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

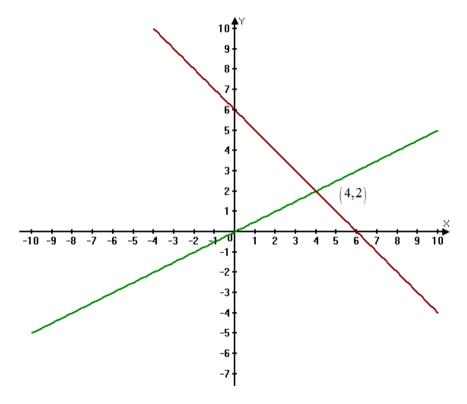
$$x-2y=0$$
  $\hat{\mathbf{a}}\in \hat{\mathbf{a}}\in [\hat{\mathbf{a}}\in [1])$ 

$$x + y = 6 \ \hat{a} \in |\hat{a} \in |(2)|$$

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(first column) + 2(second column) = (0,6), we will get the solution as (x,y) = (4,2)