$$2x - y = 0$$

-x + 2y = 3

$$\begin{bmatrix} 2 & -1 \\ -1 & 2 \end{bmatrix} \begin{bmatrix} x \\ y \end{bmatrix} = \begin{bmatrix} 0 \\ 2 \end{bmatrix}$$
 matrix form

$$\int_{-2y}^{2x+y} = -1$$

$$\times \begin{bmatrix} 2 \\ 1 \end{bmatrix} + \underbrace{y \begin{bmatrix} 1 \\ -2 \end{bmatrix}} = \begin{bmatrix} 3 \\ -1 \end{bmatrix}$$



