

$$\left(\begin{array}{cc|c} 2 & 2 & 4 \\ 5 & -1 & 2 \end{array} \right)$$

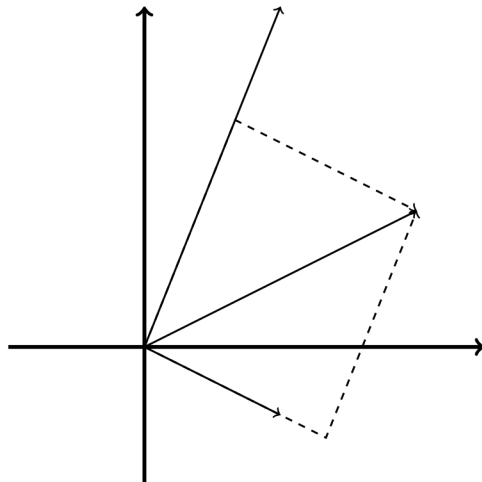
Augmented Matrix

$$\left(\begin{array}{cc} 2 & 2 \\ 5 & -1 \end{array} \right) \begin{pmatrix} x \\ y \end{pmatrix} = \begin{pmatrix} 4 \\ 2 \end{pmatrix}$$

Matrix Equation

$$\begin{array}{rcl} 2x & + & 2y = 4 \\ 5x & - & y = 2 \end{array}$$

System of Equations



$$\begin{pmatrix} 2 \\ 5 \end{pmatrix} x + \begin{pmatrix} 2 \\ -1 \end{pmatrix} y = \begin{pmatrix} 4 \\ 2 \end{pmatrix}$$

Vector Equation