· [Vector] intro for linear Algebra

$$\begin{array}{c}
4 \\
6
\end{array}$$

$$\overrightarrow{V} = (2,4,6)$$

· Real Coordinate space

R => 2D real Coordinate space.

= all possible real

valued 2-tuple

 $2e = \begin{bmatrix} x \\ y \end{bmatrix} \text{ Any }$   $2e = \begin{bmatrix} x \\ y \end{bmatrix} \text$ 

· Adding vectors also brically & graph; cally.

$$\vec{a} = \begin{bmatrix} 6 \\ 2 \end{bmatrix} \quad \vec{b} = \begin{bmatrix} -4 \\ 4 \end{bmatrix}$$

$$\frac{7}{6} + \frac{7}{6} = \left[ \frac{6}{2} \right] + \left[ \frac{-4}{4} \right] = \left[ \frac{2}{6} \right]$$

