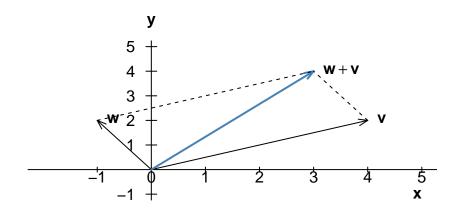
## Introduction to Vectors

## **Vectors and Linear Combinations**

[1] 4 5

print(c \* v + d \* w)

$$w+v = \begin{bmatrix} -1 \\ 2 \end{bmatrix} + \begin{bmatrix} 4 \\ 2 \end{bmatrix} = \begin{bmatrix} 3 \\ 4 \end{bmatrix}$$



## **Lengths and Dot Products**

## Matrices