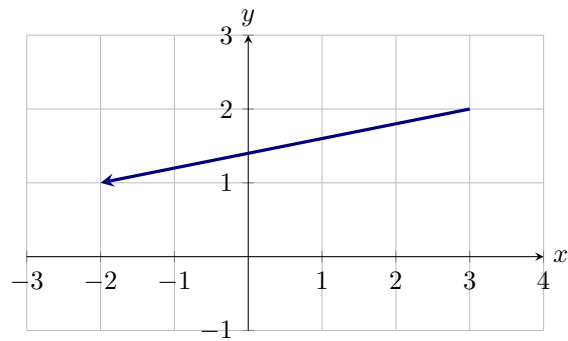


**Exercise 1** Consider the vector  $\vec{v} = \langle 1, -4 \rangle$  and vector  $\vec{w}$  below:



Compute  $\vec{v} + \vec{w}$ .

$$\vec{v} + \vec{w} = \langle \boxed{-4}, \boxed{-5} \rangle$$

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