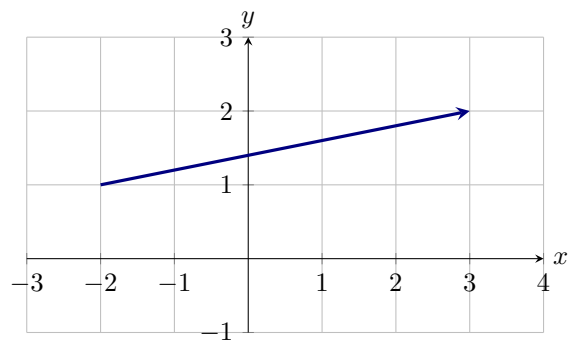


**Exercise 1** Consider the vector  $\vec{v} = \langle 1, 2 \rangle$  and vector  $\vec{w}$  below:



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

$$\vec{v} - \vec{w} = \langle \boxed{-4}, \boxed{1} \rangle$$