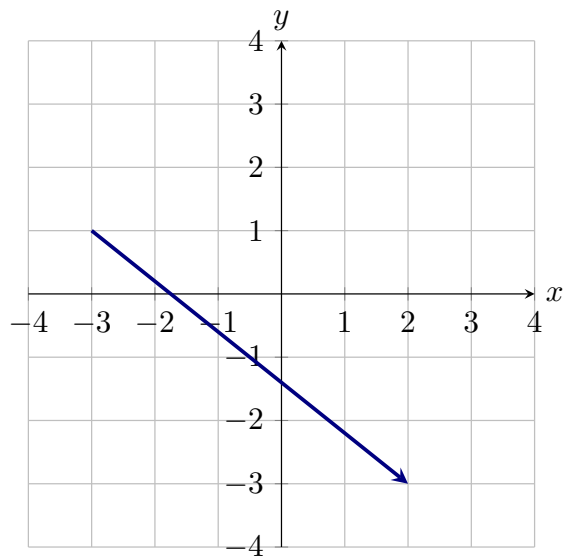


**Exercise 1** Consider the vector  $\vec{v}$  below:



Compute  $|\vec{v}|$ .

$$|\vec{v}| = \boxed{\sqrt{41}}$$