**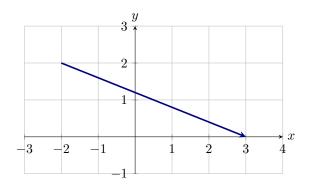Exercise**    **1**   *Consider the vector $\vec{\mathbf{v}} = \langle -4, 3 \rangle$ and vector $\vec{\mathbf{w}}$ below:*



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

$$\vec{\mathbf{v}} - \vec{\mathbf{w}} = \left\langle \boxed{-9}, \boxed{5} \right\rangle$$