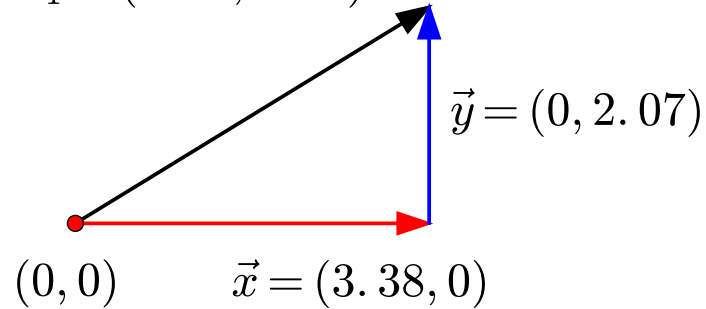


x- and y- axis components of  $\vec{v}_1$

$$\vec{v}_1 = (3.38, 2.07)$$



$$\|\vec{v}_1\|^2 = \|\vec{x}\|^2 + \|\vec{y}\|^2 = 3.38^2 + 2.07^2$$