x- and y- axis components of $\vec{v_1}$

$\vec{v_1} = (3.38, 2.07)$

$\vec{y} = (0, 2.07)$
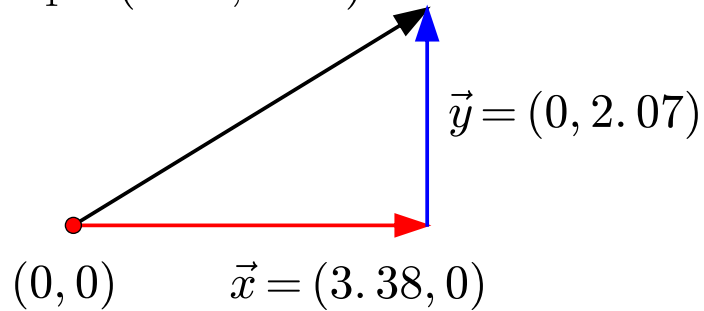
$(0, 0)$ $\vec{x} = (3.38, 0)$

$$\|\vec{v_1}\|^2 = \|\vec{x}\|^2 + \|\vec{y}\|^2 = 3.38^2 + 2.07^2$$