24)

$\vec{u} = -5i + 3y - k$

$|\vec{u}| = \sqrt{(-5)^2 + 3^2 + (-1)^2} = \sqrt{35}$

dessa forma obtemos :

$$\vec{u} = \frac{-5}{\sqrt{35}}i + \frac{3}{\sqrt{35}}y - \frac{1}{\sqrt{35}}k$$