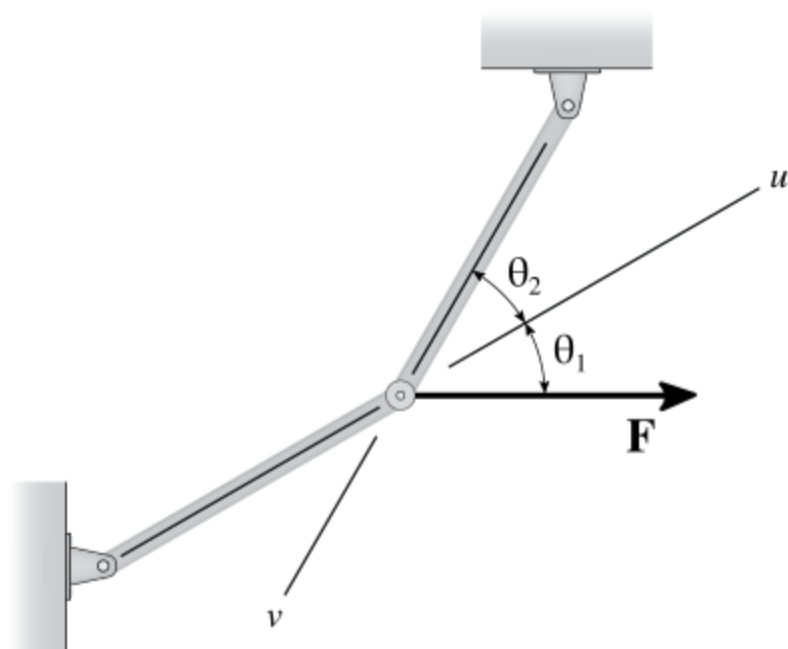What are the magnitudes of the projection of $F = F$ N on the u and v axes, if $\theta_1 = \theta_1^\circ$ and $\theta_2 = \theta_2^\circ$?

<u>given</u>
$\vec{F}, \theta_1, \theta_2$

<u>find</u>
$(\vec{F}_u)_{proj}, (\vec{F}_v)_{proj}$

$(F_u)_{proj} = F \cos\theta_1$

$(F_v)_{proj} = F \cos(\theta_1 + \theta_2)$