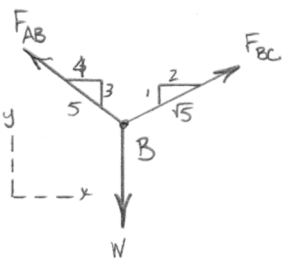
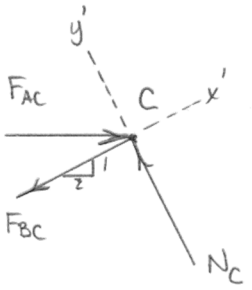
4/1




$$\begin{cases} \Sigma F_x = 0: & \frac{2}{\sqrt{5}} F_{BC} - \frac{4}{5} F_{AB} = 0 \\ \Sigma F_y = 0: & \frac{1}{\sqrt{5}} F_{BC} + \frac{3}{5} F_{AB} - W = 0 \end{cases}$$

$F_{AB} = W$ T $\qquad F_{BC} = \frac{2}{\sqrt{5}} W$ T




$$\Sigma F_{x'} = 0: \quad -F_{BC} + \frac{2}{\sqrt{5}} F_{AC} = 0$$

$F_{AC} = W$ C