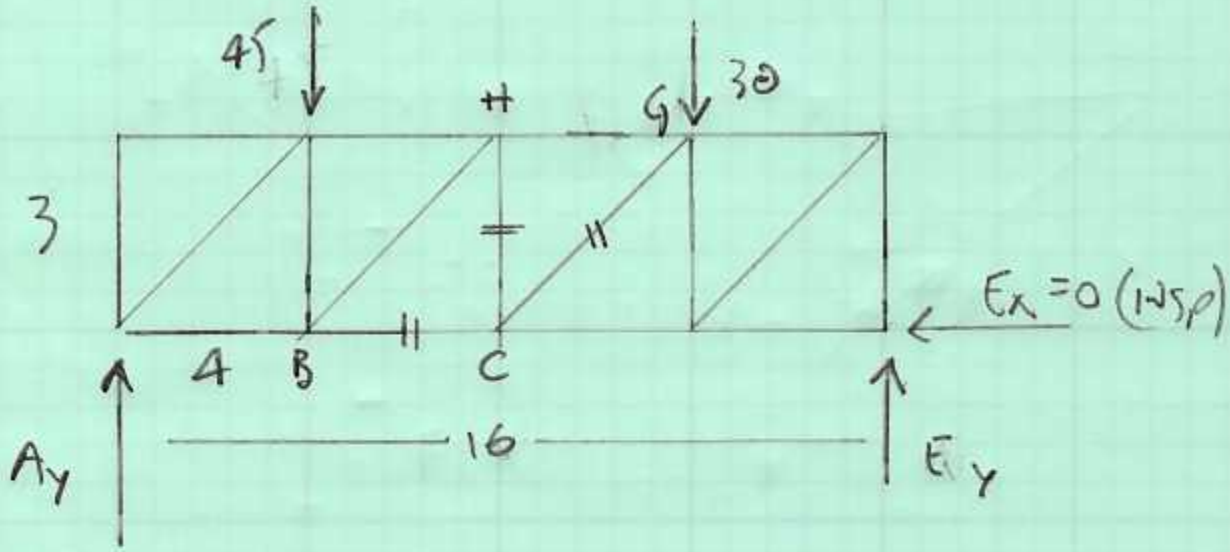
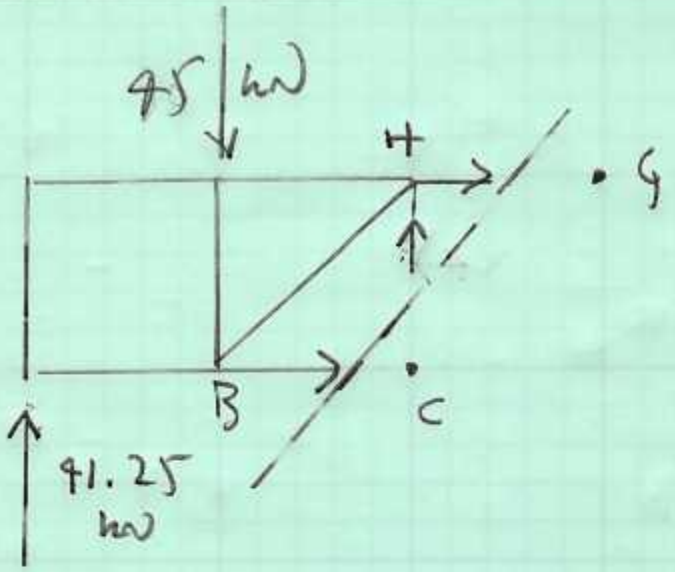


$\Sigma M_A = \emptyset$ (kN.m)

$E_y = 33.75$ kN

$\Sigma M_E = \emptyset$ (kN.m)

$A_y = 41.25$ kN



$\Sigma f_y = \emptyset$

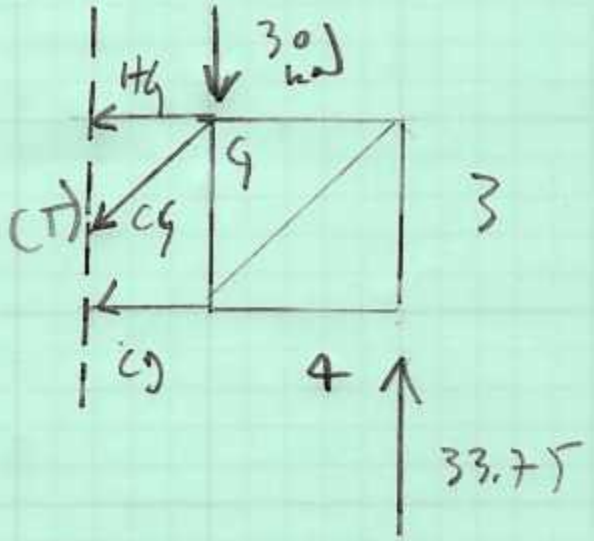
$\emptyset = +41.25 - 45 - C_H$

$C_H = -3.75$ (C)
(corr)

$\Sigma M_H = \emptyset$ (kN·m)

$\emptyset = -(41.25)(7) + +(45)(4)$
$+ BC\,(3)$

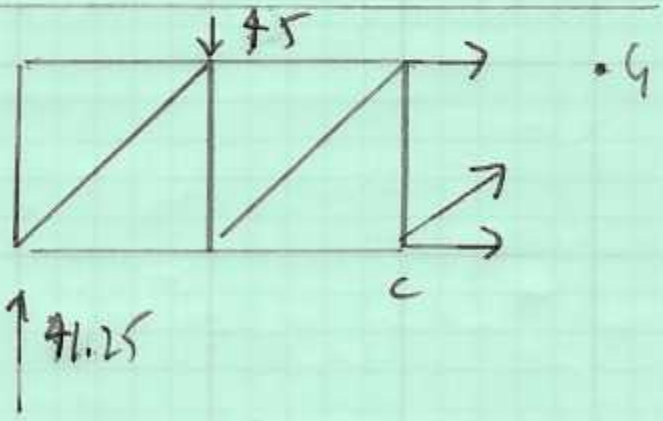
$BC = 50$ kN (T)



$\Sigma f_y = 0$ (kN)

$\phi = -C_G \sin(36.9) - 30 + 33.75$

$C_G = \underline{6.25 \text{ kN}}$ (T)



$\Sigma f_y = \phi$

$\phi = 41.25 - 45 + C_G \sin 36.9)$

$C_G = \underline{6.25 \text{ kN (T)}}$