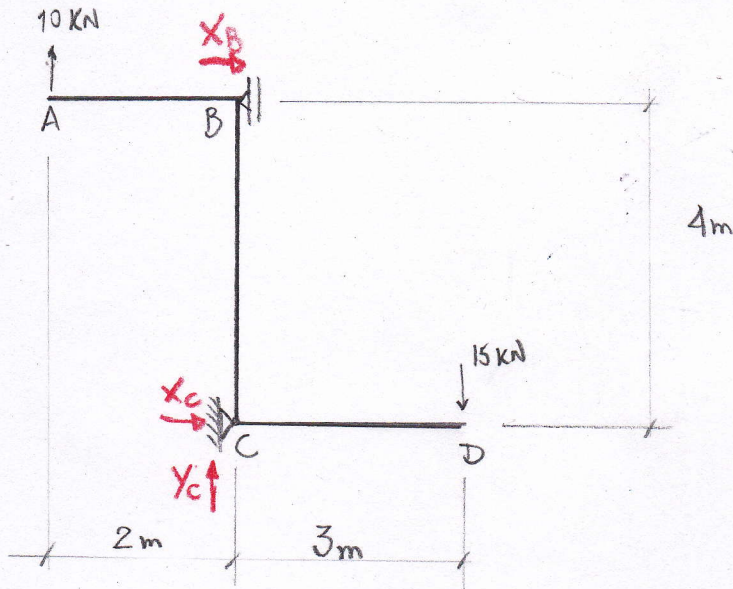


2013-PI-Q3

REAÇÕES DE APOIO:



$$\sum Y = 0 \rightarrow 10 - 15 + Y_C = 0 \therefore Y_C = 5 \text{ kN}$$

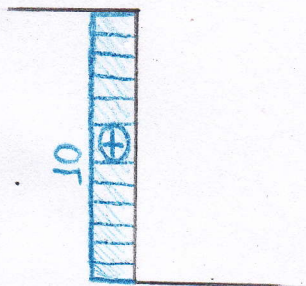
$$\sum X = 0 \rightarrow X_C + X_B = 0 \therefore X_C = -X_B$$

$$\sum M_B = 0 \rightarrow (-10 \times 2) + X_C \times 4 + (-15 \times 3) = 0$$

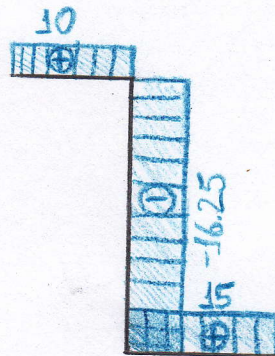
$$\therefore X_C = 16,25 \text{ kN}$$

$$X_B = -16,25 \text{ kN}$$

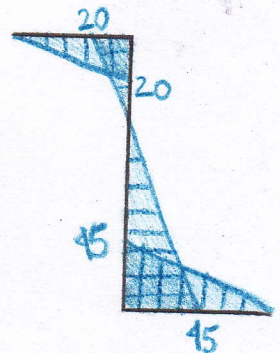
* SENTIDOS ASSUMIDOS INICIALMENTE



N (kN)



V (kN)



M (kN·m)