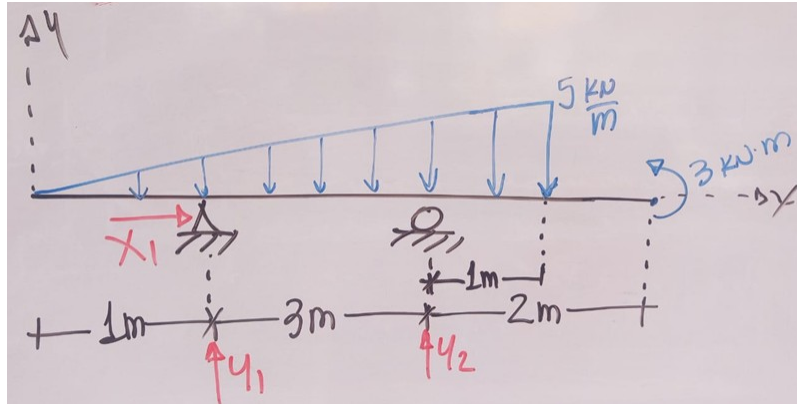




#1: [CaseMode := Sensitive, InputMode := Word]

Equilibrio por sumatoria de fuerzas y sumatoria de momentos alrededor del nudo 1:

#2:

$$\begin{bmatrix} X1 = 0 \\ Y1 + Y2 - \frac{5 \cdot 5}{2} \\ 3 + Y2 \cdot 3 - \frac{5 \cdot 5}{2} \cdot \left(\frac{2}{3} \cdot 5 - 1 \right) = 0 \end{bmatrix}$$

#3:

$$\left[X1 = 0 \wedge Y1 = \frac{34}{9} \wedge Y2 = \frac{157}{18} \right]$$

#4:

$$[X1 = 0 \wedge Y1 = 3.777777777 \wedge Y2 = 8.722222222]$$