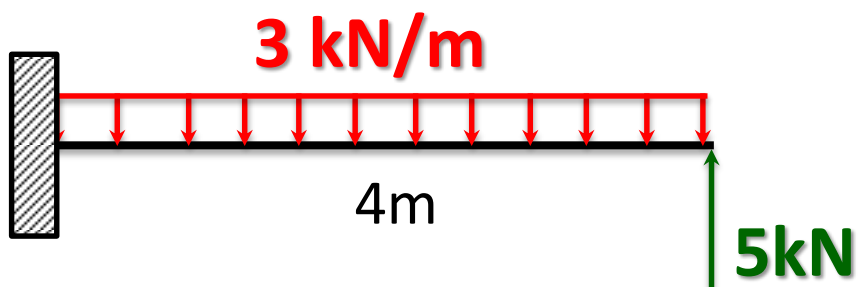
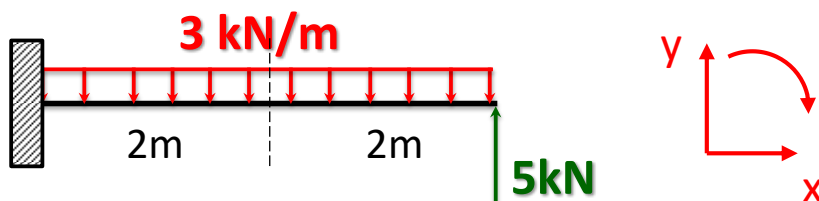


QUESTÕES - AULA 10



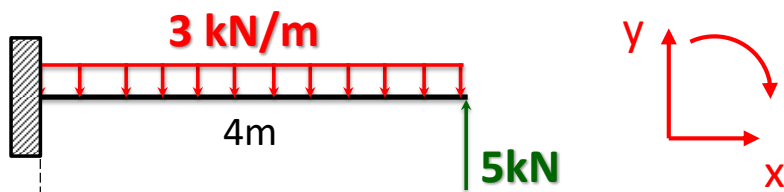
10.1) Determine os esforços no eixo da seção central da barra.



$$F_{Cy} = -3000 \cdot 2 + 5000 = -1 \text{ kN}$$

$$M_C = 6000 \cdot 1 - 5000 \cdot 2 = -4 \text{ kN.m}$$

10.2) Determine os esforços no eixo da seção barra que está na parede.



$$F_{Py} = -3000 \cdot 4 + 5000 = -7 \text{ kN}$$

$$M_P = 12000 \cdot 2 - 5000 \cdot 4 = 4 \text{ kN.m}$$