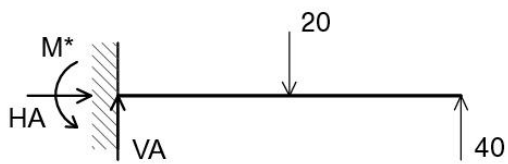
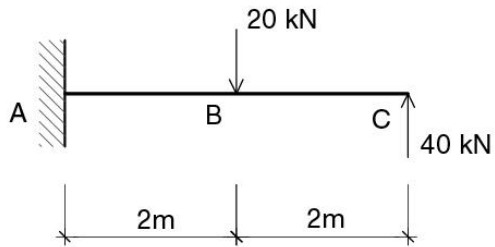


Determinar as reações de apoio da viga abaixo:



$$\sum H = 0$$

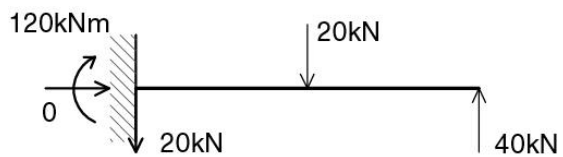
$$H_A = 0$$

$$\sum V = 0$$

$$V_A - 20 + 40 = 0$$

$$V_A = 20 - 40$$

$$V_A = -20 \text{ kN}$$



$$\sum M_A = 0 \text{ (ponto A)}$$

$$M^* - (20 \cdot 2) + (40 \cdot 4) = 0$$

$$M^* = 40 - 160$$

$$M^* = -120 \text{ kNm}$$