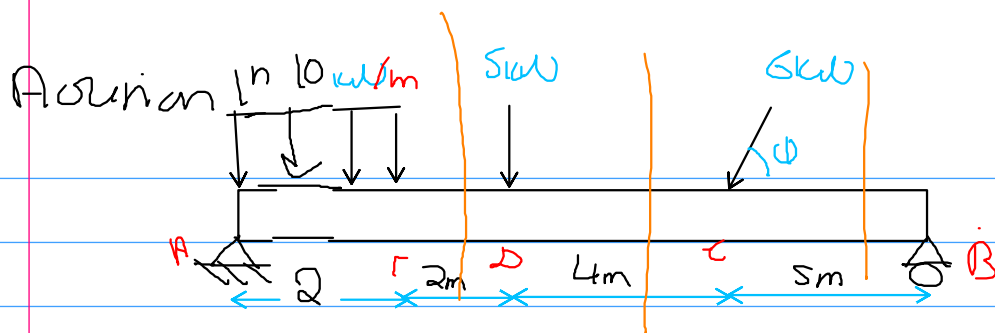


$$\sin \phi = 0,6$$



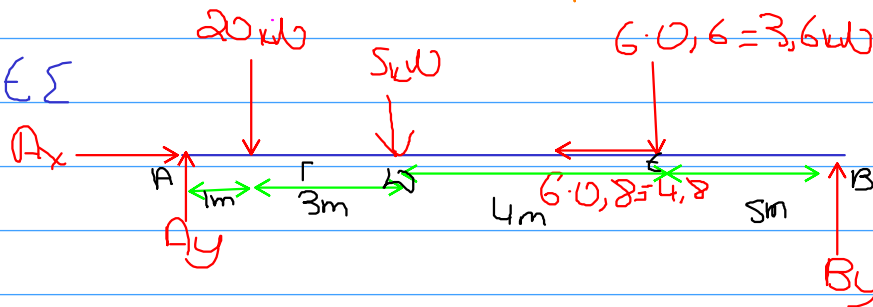
Reaction d'Appui

$$F_y = F \cdot \sin \phi$$

$$F_x = F \cdot \cos \phi$$

$$Q = 10 \cdot 2 = 20 \text{ kN}$$

DES



$$(\rightarrow) \sum F_x = 0$$

$$A_x - 4,8 = 0$$

$$A_x = 4,8 \text{ kN}$$

$$(\uparrow) \sum F_y = 0$$

$$A_y - 20 - 5 - 3,6 + B_y = 0$$

$$A_y + B_y = 28,6 \text{ (1)}$$

$$(\curvearrowright) \sum M_A = 0$$

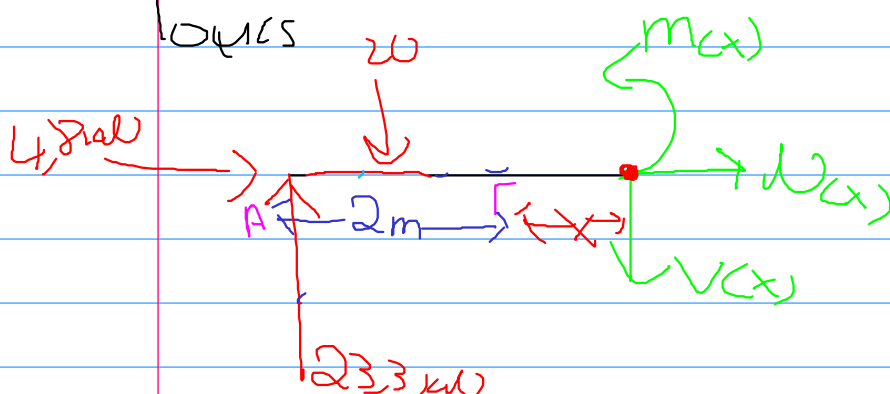
$$-20 \cdot 1 - 5 \cdot 4 - 3,6 \cdot 8 + B_y \cdot 10 = 0$$

$$\Rightarrow B_y = \frac{68,8}{10} = 6,88 \text{ kN}$$

$$\Rightarrow \textcircled{1} A_y + 6,88 = 28,6$$

$$A_y = 23,31 \text{ kN}$$

Toures



2m de l'axe

$$0,1 \times 52 \text{ m}$$