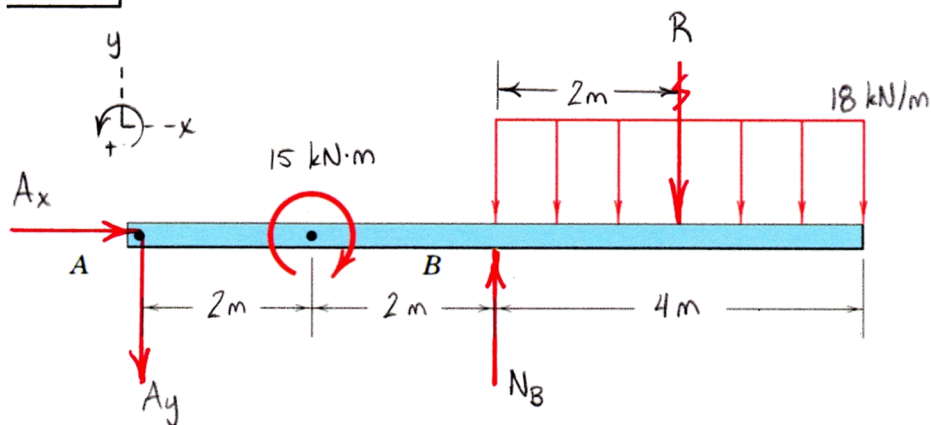


5/107



$$R = 18(4) = 72 \text{ kN}$$

$$\begin{cases} \sum F_x = 0: & A_x = 0 \\ \sum F_y = 0: & -A_y + N_B - R = 0 \\ \sum M_A = 0: & 4N_B - 6R - 15 = 0 \end{cases} \rightarrow \begin{cases} A_y = 39.8 \text{ kN} \downarrow \\ N_B = 111.8 \text{ kN} \uparrow \end{cases}$$

WILEY