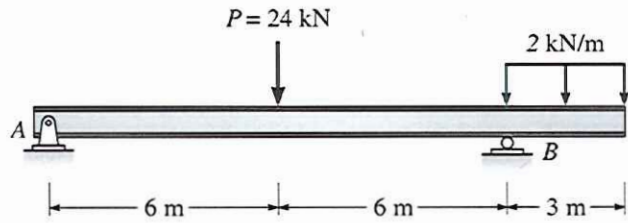


Example 2-1: Find the reactions



$$\underbrace{\sum \overset{\curvearrowright}{+} M_A = 0 = -24 \text{ kN}(6 \text{ m}) - 6 \text{ kN}(13.5 \text{ m}) + B_y(12 \text{ m})}_{B_y = 18.75 \text{ kN}}$$

$$\underbrace{\sum \overset{\rightarrow}{+} F_x = 0 = A_x}$$

$$\underbrace{\sum \uparrow \overset{\uparrow}{+} F_y = 0 = A_y + B_y - 24 \text{ kN} - 6 \text{ kN}}_{A_y = 11.25 \text{ kN}}$$