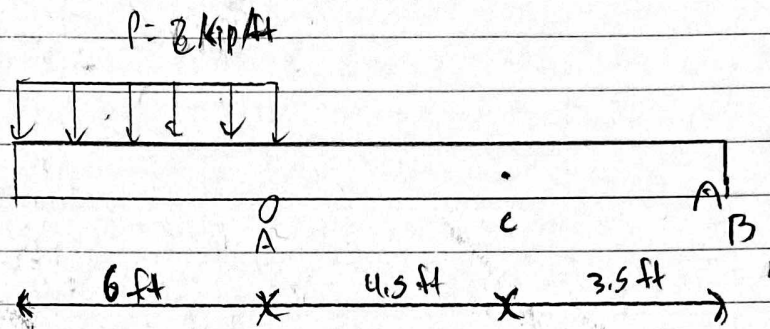


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Solutions: 21-5-71-MK-04



$$\sum M_A = 0 = (2 \text{ kip/ft})(6 \text{ ft})(3 \text{ ft}) - B_y(8 \text{ ft}) \rightarrow 4.5 \text{ kip} \downarrow$$

$$\sum F_y = 0 = V_c - B \rightarrow V_c = 4.5 \text{ kip}$$

$$\sum M_c = 0 = -M_c + (4.5 \text{ kip})(3.5 \text{ ft})$$

$$M_c = -15.75 \text{ kip ft}$$