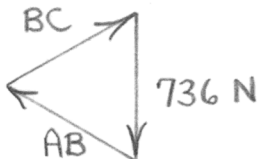
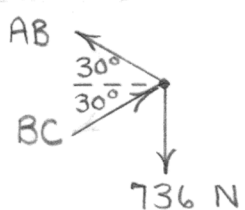


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$$\text{Load} = 75(9.81) = 736 \text{ N}$$

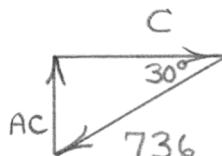
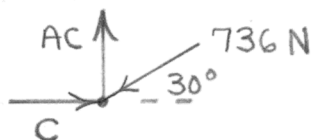
Joint B:



$$\underline{AB = 736 \text{ N T}}$$

$$\underline{BC = 736 \text{ N C}}$$

Joint C:



$$\begin{aligned} AC &= 736 \left( \frac{1}{2} \right) \\ &= \underline{368 \text{ N T}} \end{aligned}$$

WILEY