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A/17 Total weight of truss 
$$W = 7(400)(9.81)$$
 N = 27.5 kN

By symmetry, reactions at  $A \neq C$  are  $W/2 = 13.73$  kN

W/7 AE

 $W/7 = 60^{\circ} \times X$ 
 $AE = 0.412W = 11.33$  kNC

 $X = 0.412W = 11.33$  kNC

 $X$ 

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