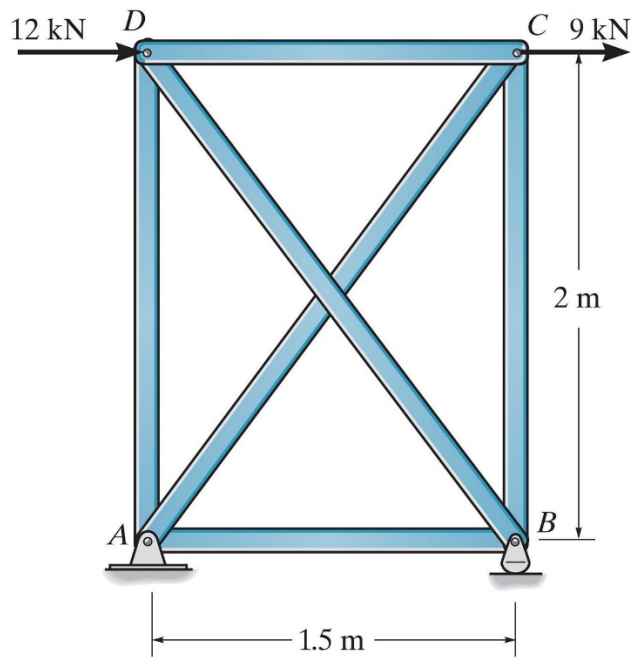


Problem 9c-1 – Determine the force in member AD . Assume AE is constant.



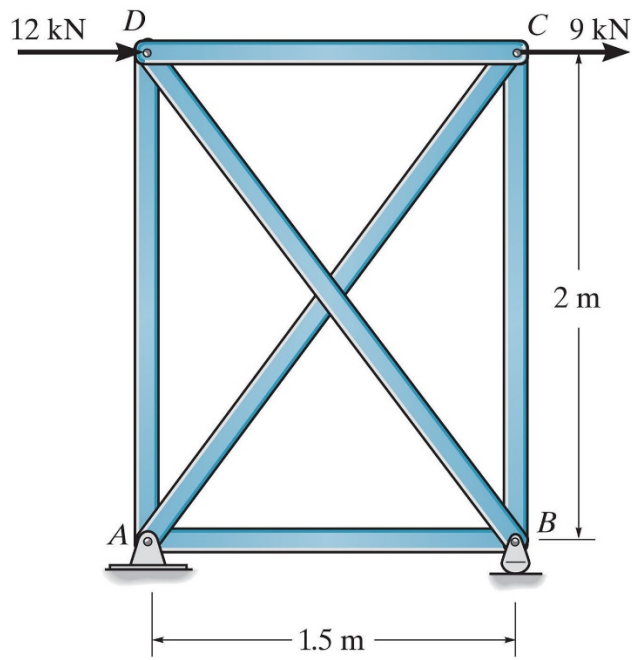
Problem 9c-1 – Determine the force in member AD . Assume AE is constant.

Find displacement in member AC .

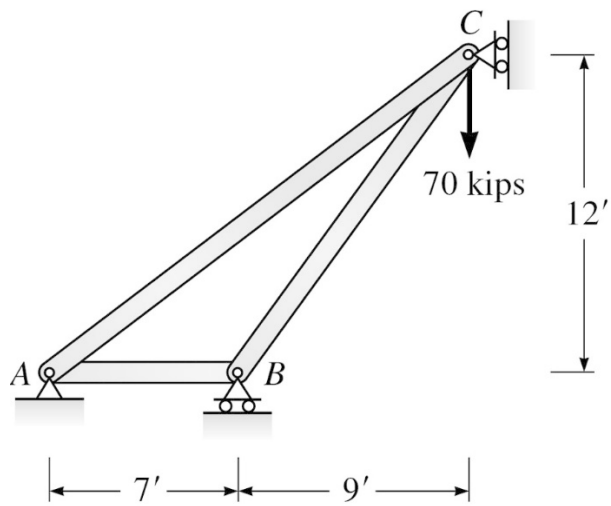
Problem 9c-1 – Determine the force in member AD . Assume AE is constant.

Find displacement in member AC due to force F_{AD} .

Problem 9c-1 – Determine the force in member AD . Assume AE is constant.



Problem 9c-2 – Determine the reactions and bar forces in the truss.



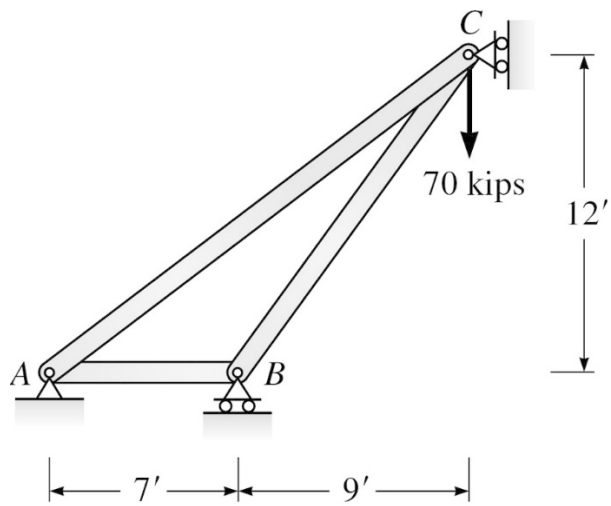
Problem 9c-2 – Determine the reactions and bar forces in the truss.

Find displacement in member B in the y -direction.

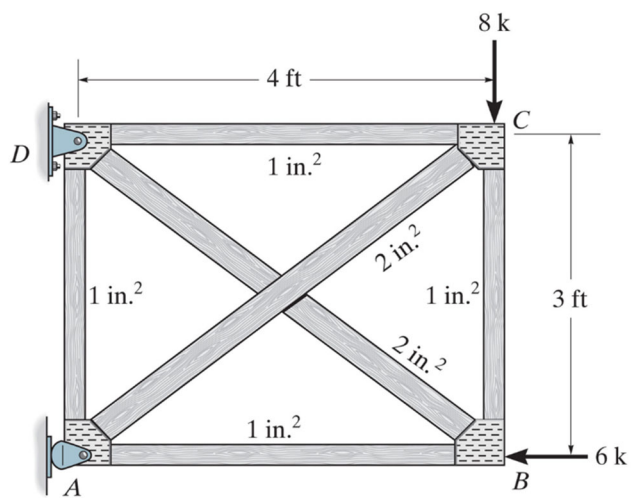
Problem 9c-2 – Determine the reactions and bar forces in the truss.

Find displacement in member B due to force B_y .

Problem 9c-2 – Determine the reactions and bar forces in the truss.



Problem 9c-3 – Determine the reactions and bar forces in the truss.



Problem 9c-3 – Determine the reactions and bar forces in the truss.

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