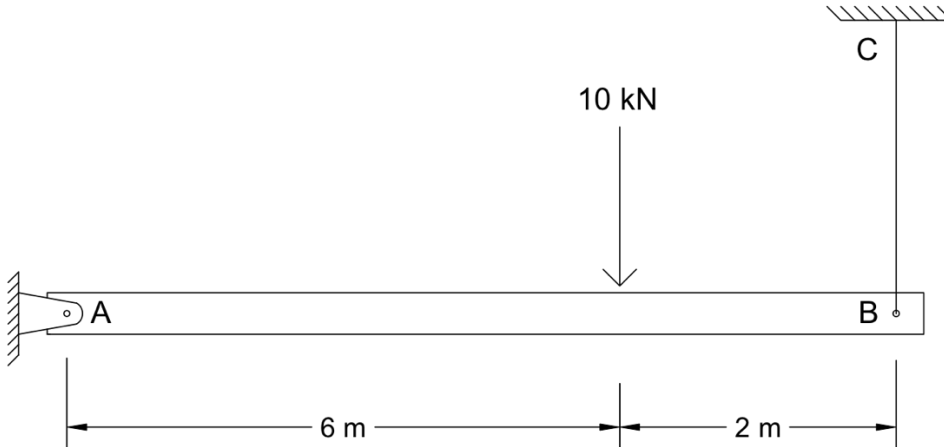
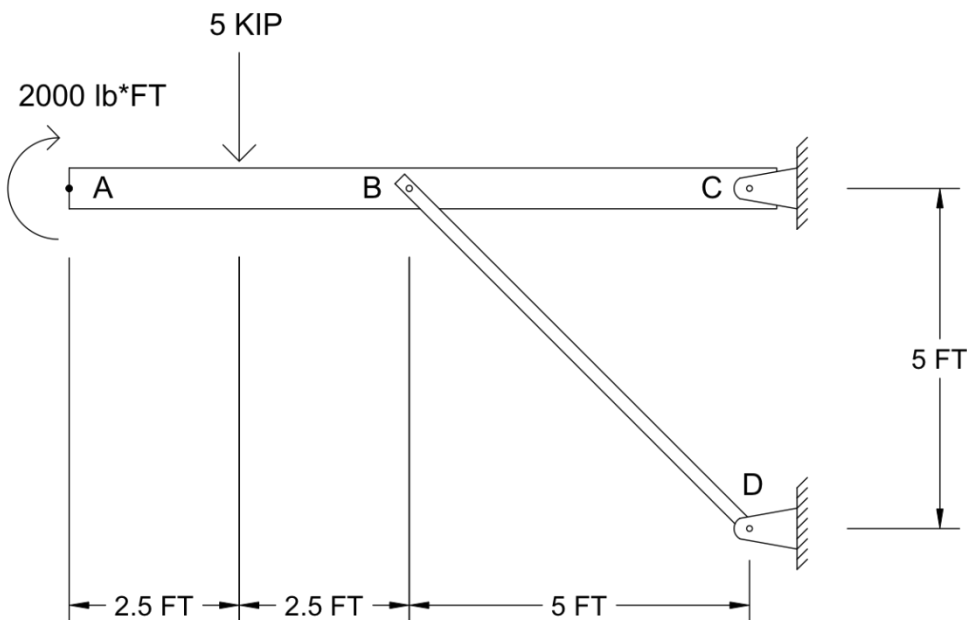


1. In your own words, explain the following:
 - a. The importance of a two-force member
 - b. The importance of a three-force member
 - c. What it means to have a statically determinate member
 - d. What it means to have a statically indeterminate member
2. For each figure below, do the following:
 - a. Identify all two-force members (if any)
 - b. Identify all three-force members (if any)
 - c. Draw a complete FBD
 - d. Determine whether the member is statically determinate or indeterminate
 - e. If the member is statically determinate, find the support reactions. Be sure to specify magnitude and direction.

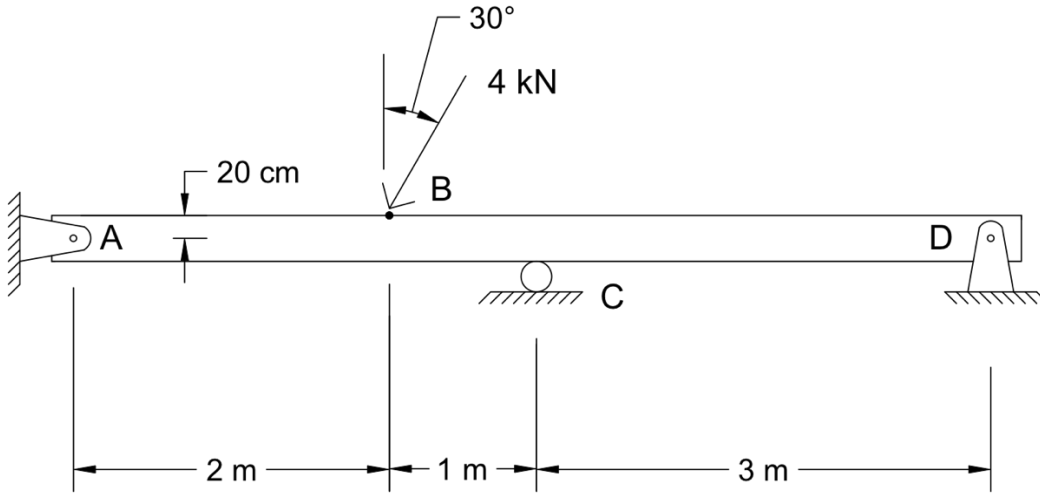
i.



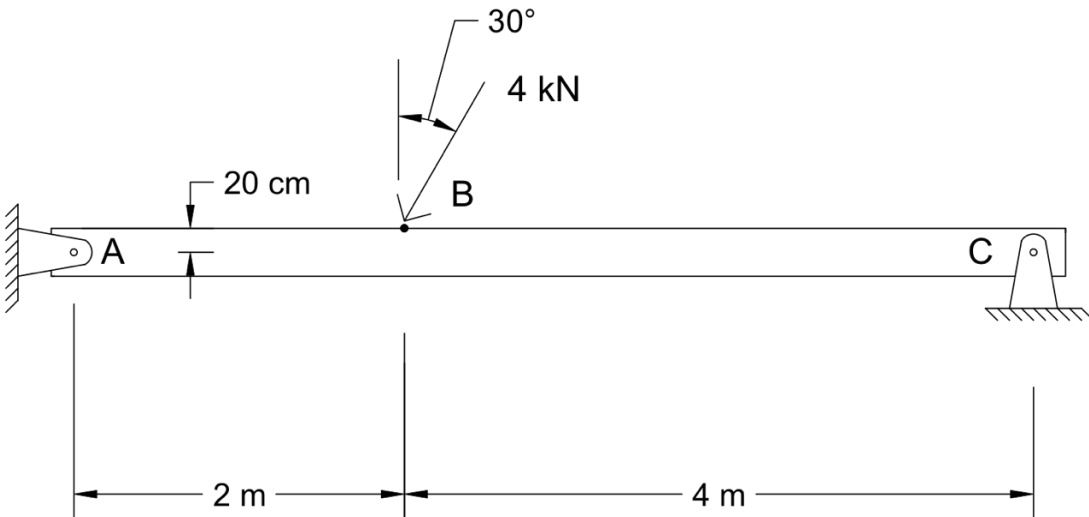
ii.



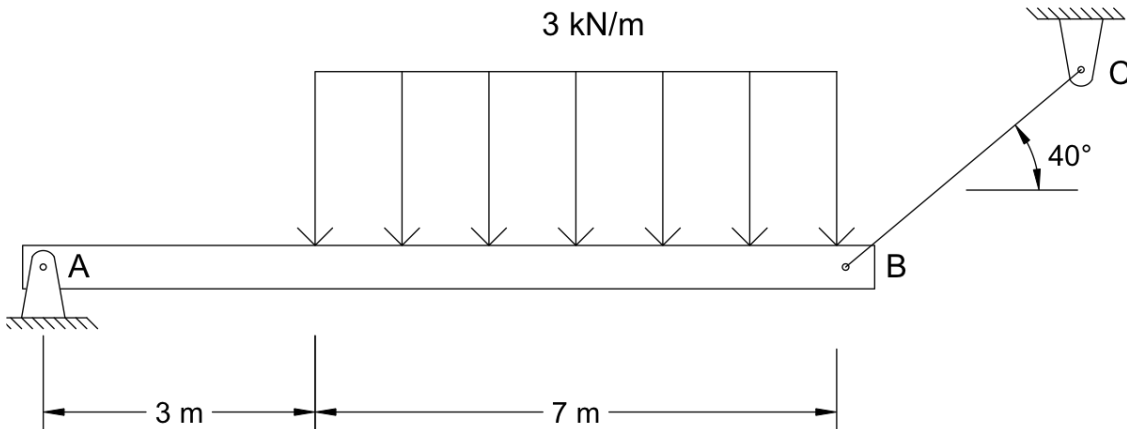
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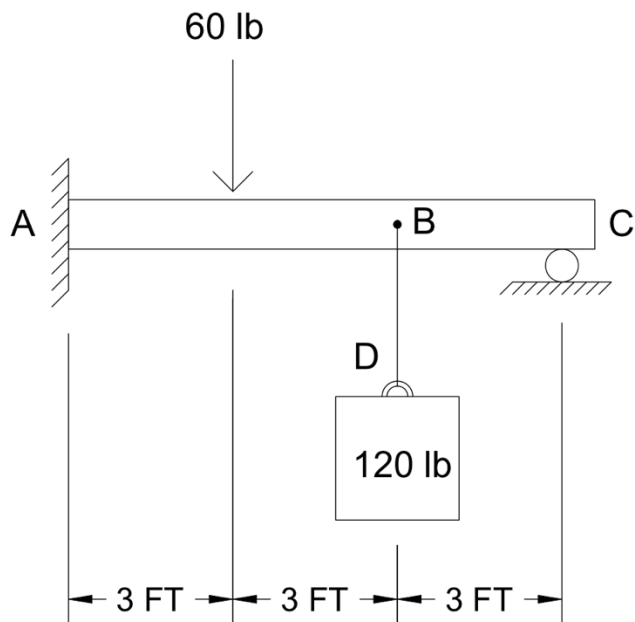
iv.



v.



vi.



vii.

