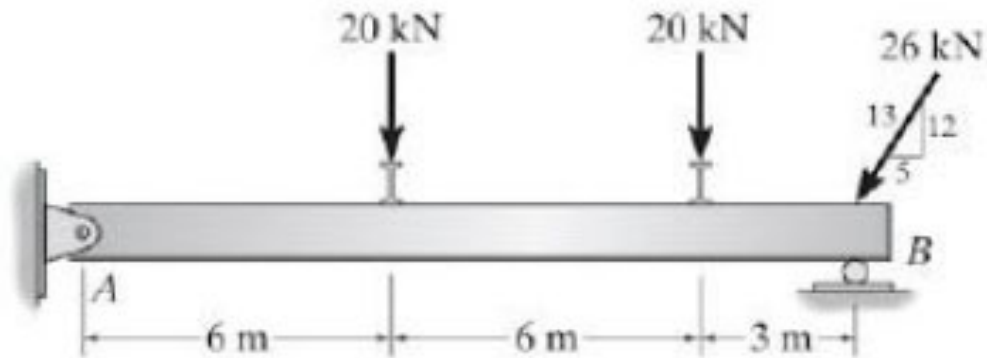
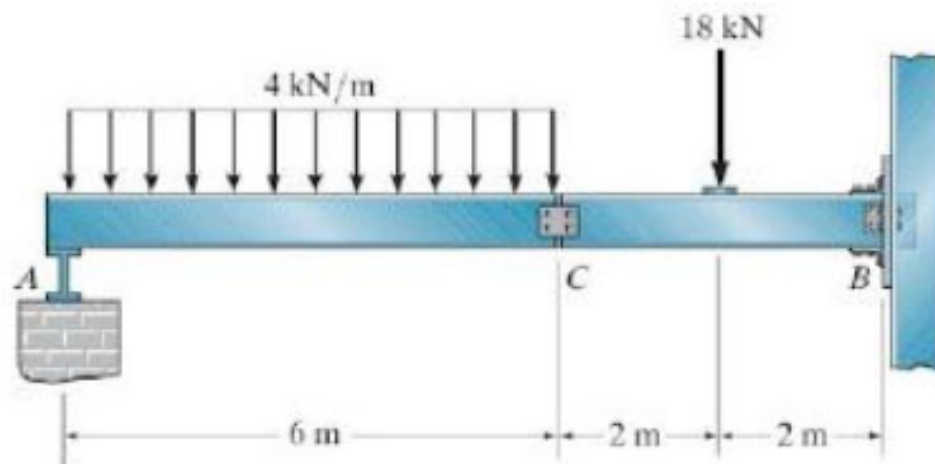


## Homework 1

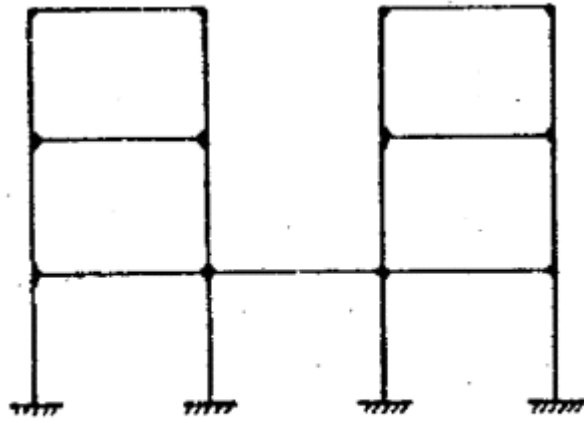
- 1) Determine reactions at supports A and B. Neglect thickness of the beam. (5 points)



- 2) Determine reactions at supports A, B and C. Neglect thickness of the beam. Assume pin support at C. (5 points)

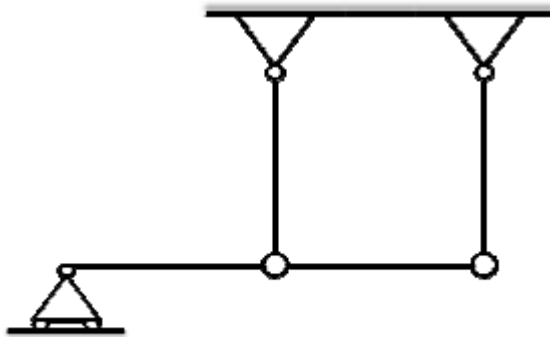


3) Determine if structure is stable or unstable. If stable, find out if determinate or indeterminate. Also find degree of indeterminacy if applicable. (10 points)



(rigid frame)

a)



b)