

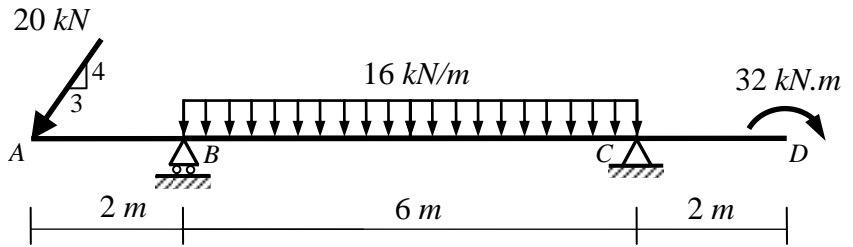
Name:

Code:

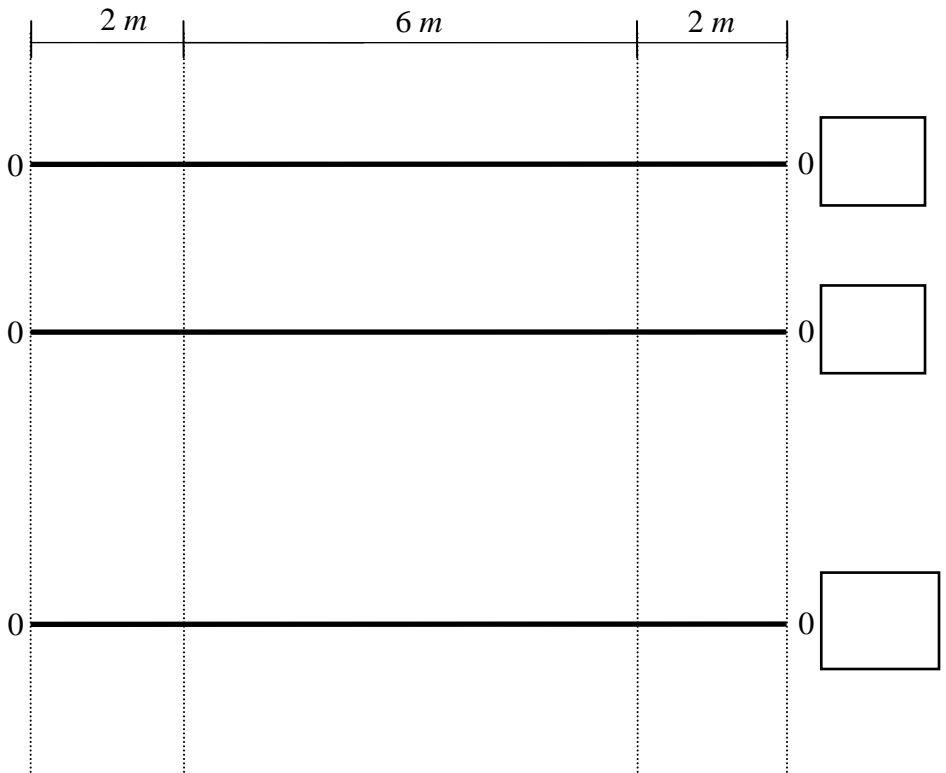
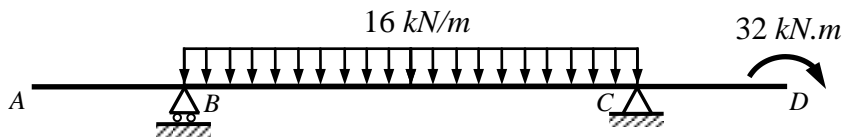
Question (1): (15 Marks)

For the shown beam:

- Determine the reactions
- Draw the normal force, shear force and bending moment diagrams.

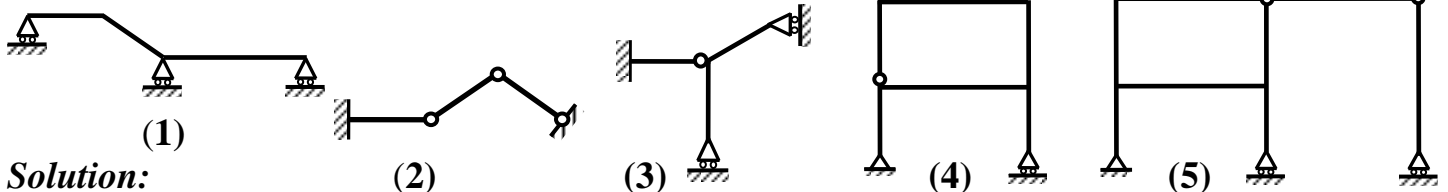


Solution:



Question (2): (5 Marks)

Determine whether each of the shown structures is stable or unstable. If stable, determine whether it is statically determinate or indeterminate. If statically indeterminate, determine the degree of indeterminacy.



Solution:

(1)	(3)	(5)
(2)	(4)	