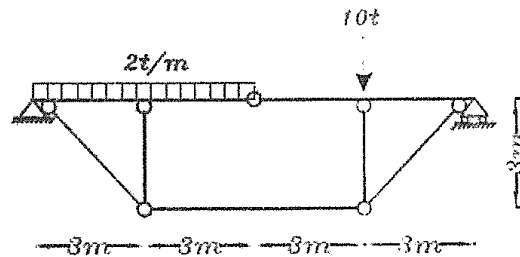


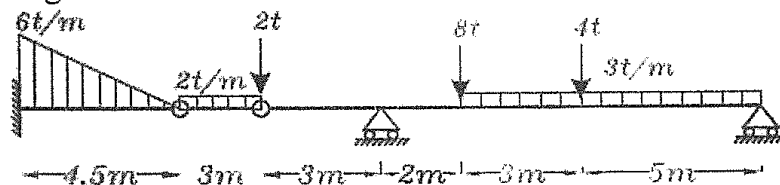


Answer all question

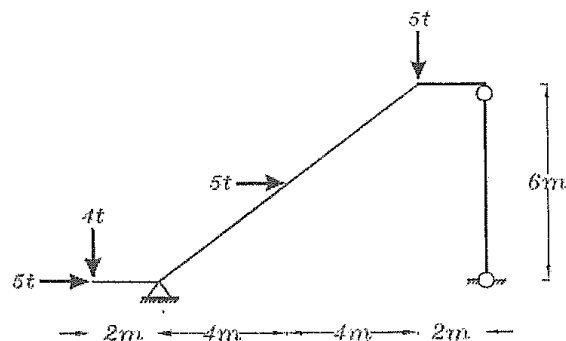
- 1- Calculate the reactions and the forces in the link members if any, for the shown structure.



- 2- Calculate the reactions and draw the internal force diagram for the following beam

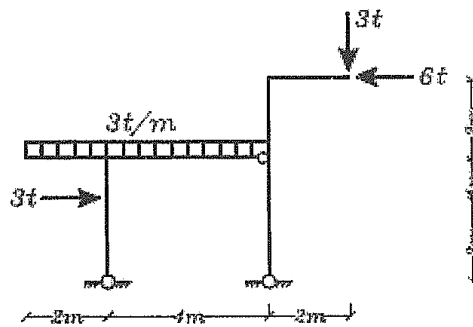


- 3- Calculate the reactions and draw the internal force diagram for the following structure

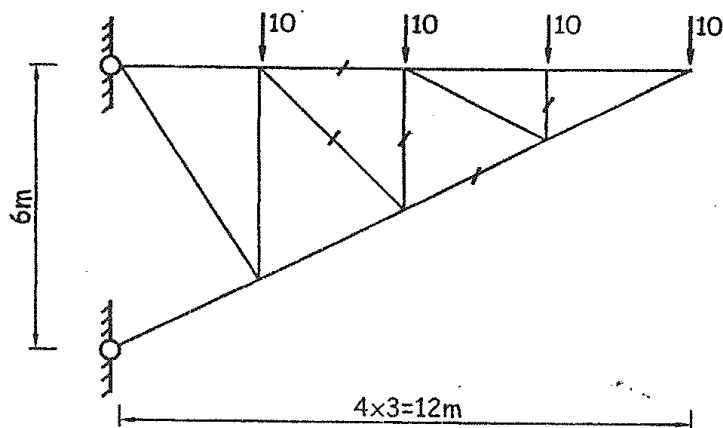


(11)

4- Calculate the reactions and draw the internal force diagram for the following structure



5- Find the force in marked members



Good luck with my best wish

DR. HOSSAM EL-DIN FAWZY