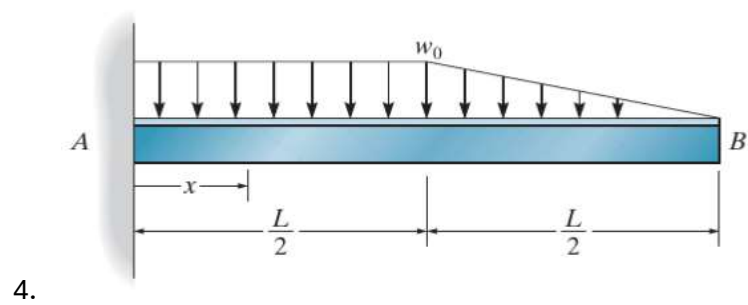
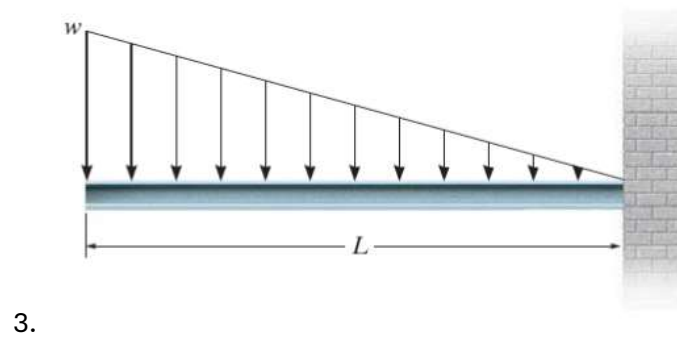
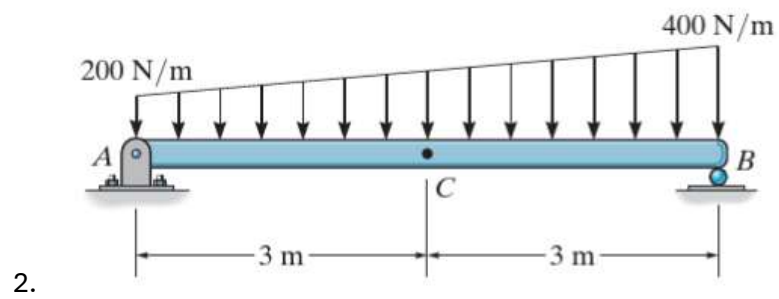
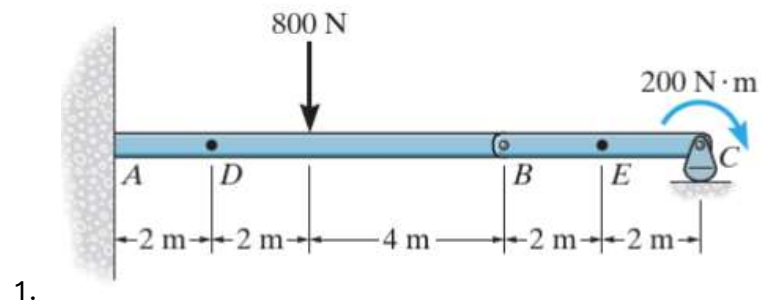
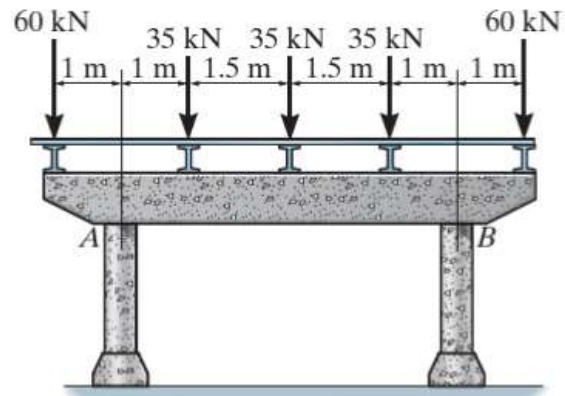


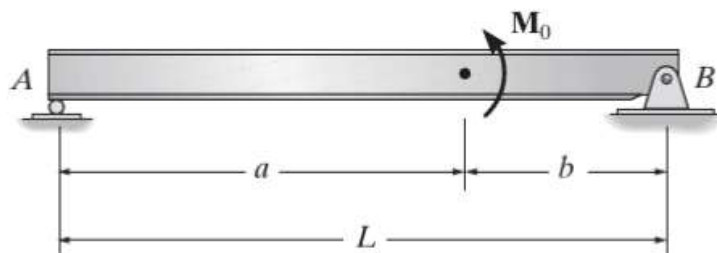
Draw SFD and BMD.



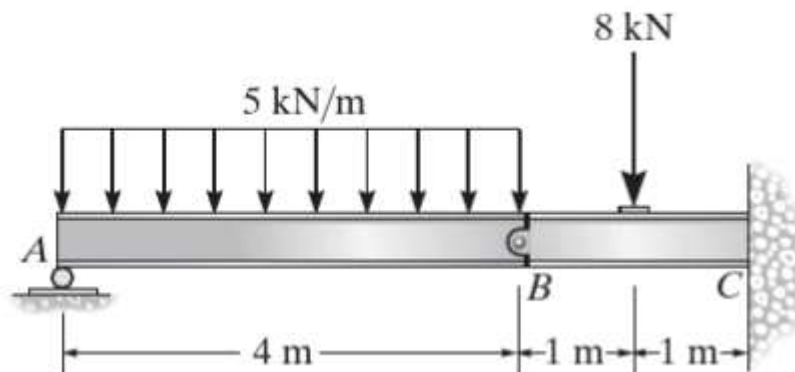
4. A reinforced concrete pier is used to support the stringers for a bridge deck. Draw the shear and moment diagrams for the pier when it is subjected to the stringer loads shown. Assume the columns at  $A$  and  $B$  exert only vertical reactions on the pier.



5. Draw SFD and BMD



6. There is an internal hinge at  $B$



7. A, C, D are pin connected, B is a rigid joint

