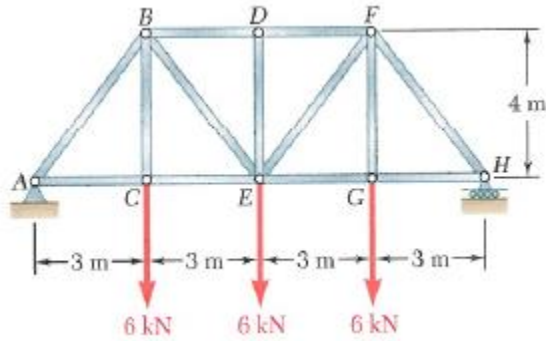


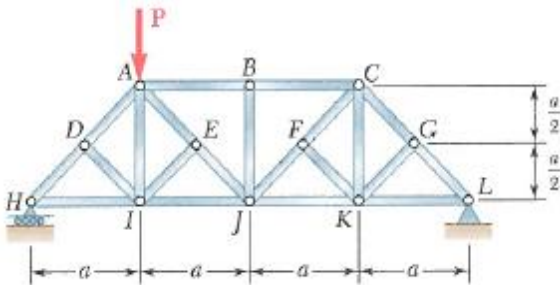
HOMEWORK 5

Q1)



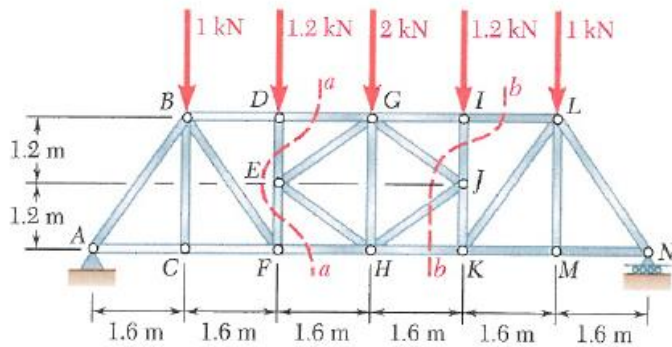
Determine the force in each member of the Pratt bridge truss shown. State whether each member is in tension or compression.

Q2)



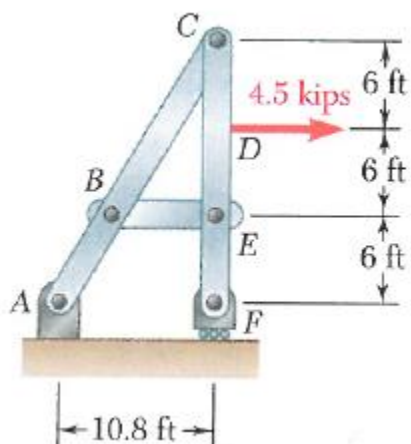
For the given loading, determine the zero-force members in the truss shown.

Q3)



Determine the force in members DG and FH of the truss shown. (Hint: use section *aa*.)

Q4)



For the frame and loading shown, determine the components of all forces acting on member ABC.