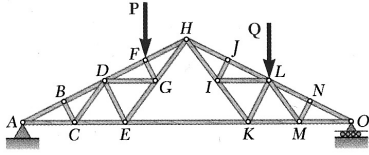
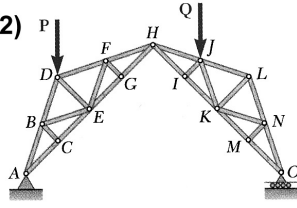


(1-3) For the trusses with the given loading conditions, determine the zero force members.

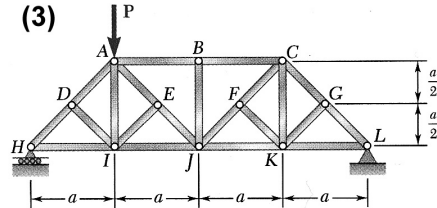
(1)



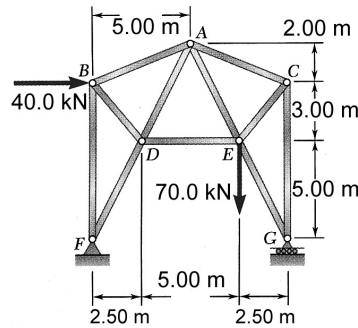
(2)



(3)

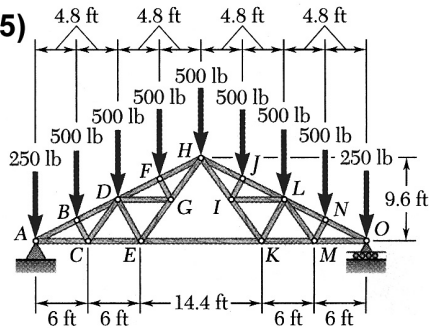


(4) Determine the force in each member of the truss shown. State whether each member is in tension or compression.

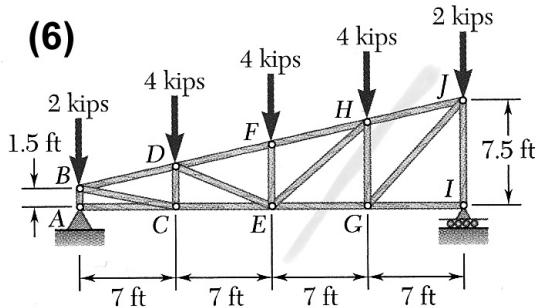


(5) For the truss shown, determine the load in members HF, GH, and EK. (6) For the roof truss shown, determine the load in members FH, EH, and EG. For both trusses, treat all loads and dimensions as having 3 significant figures.

(5)



(6)



(7) Determine the force carried by members AF and EJ if $P=2.00$ kip and $Q=3.00$ kip. (Hint: use section aa.) Treat all dimensions as having 3 significant figures.

