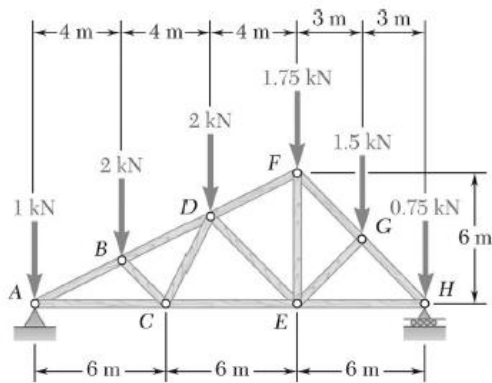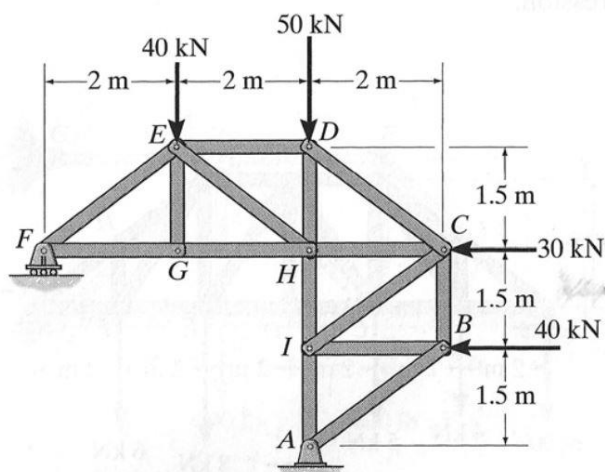Additional Problems-Set VII

Due Date: 08.12.2020

Q1) (40 pts)

Using the method of joints, determine the force in each member of the double-pitch roof truss shown. State whether each member is in tension or compression.

Q2) (30 pts)

Using the method of sections, determine the forces in members ED, EH and GH of the truss, and state if the members are in tension or compression.

Q3) (30 pts)

Determine the zero-force members in each of the two trusses shown.