ME 2120 Recitation 6

Questions Taken from 9th Edition

Useful Equations

$$\sum \vec{F} = 0 \qquad \sum \overrightarrow{F_x} = 0 \qquad \sum \overrightarrow{F_y} = 0 \qquad \sum \overrightarrow{F_z} = 0$$

$$\sum \vec{M} = 0$$

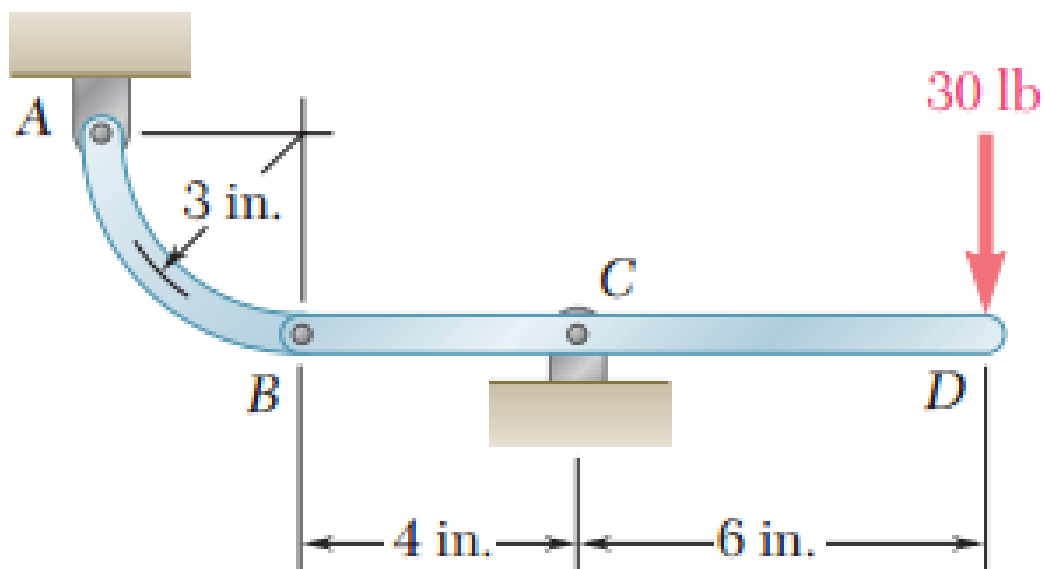**4.148** For the frame and loading shown, determine the reactions at A and C.

Fig. P4.148

6.1 through 6.8 Using the method of joints, determine the force in each member of the truss shown. State whether each member is in tension or compression.
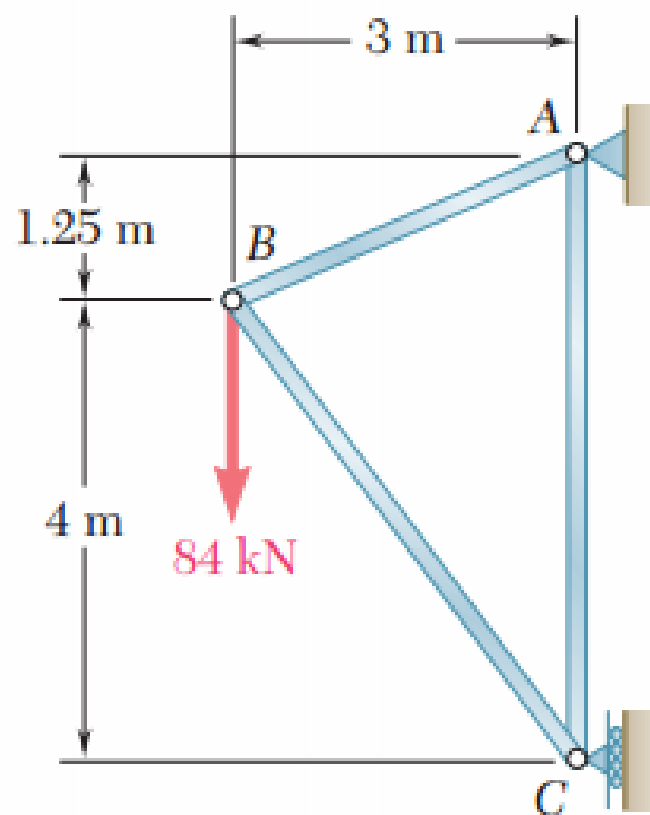

Fig. P6.1

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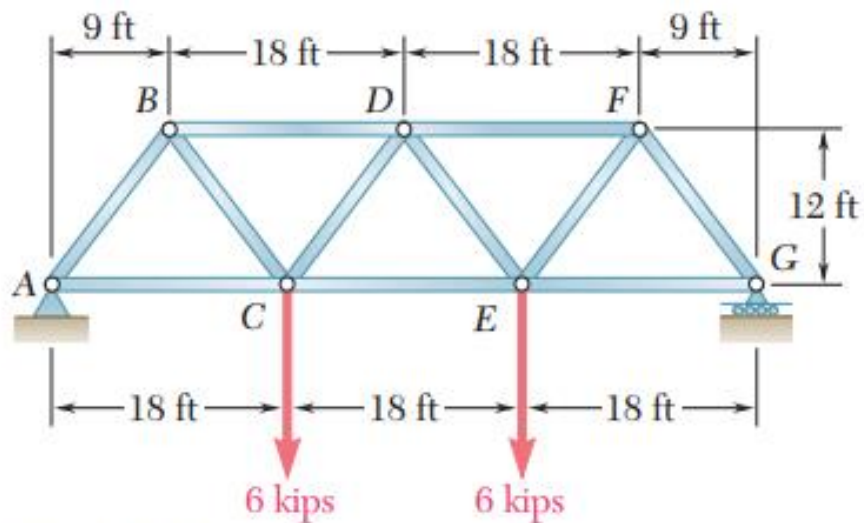

Fig. P6.15