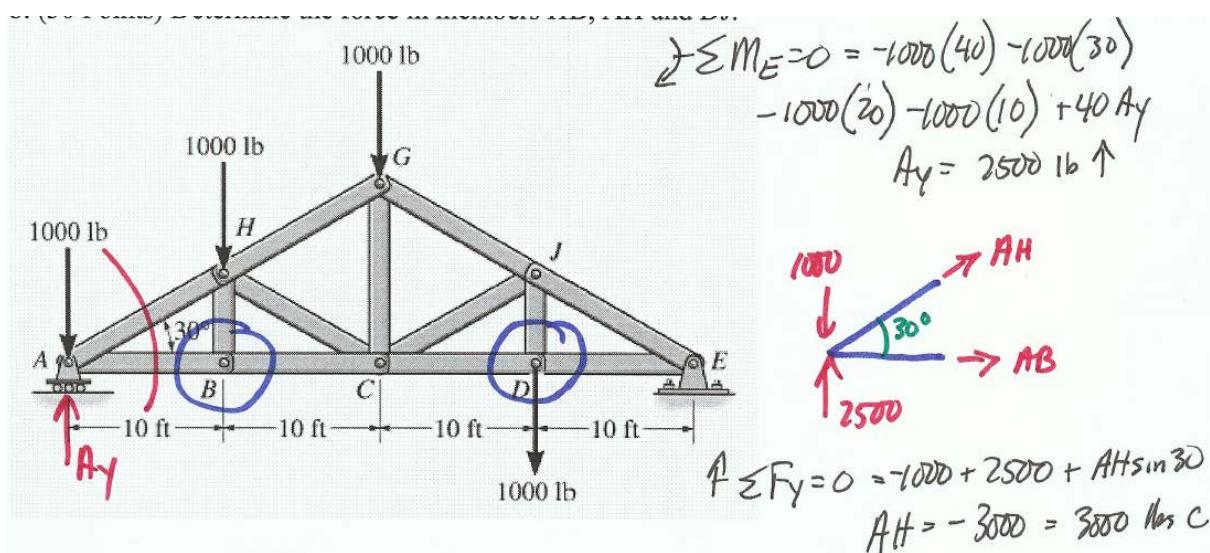
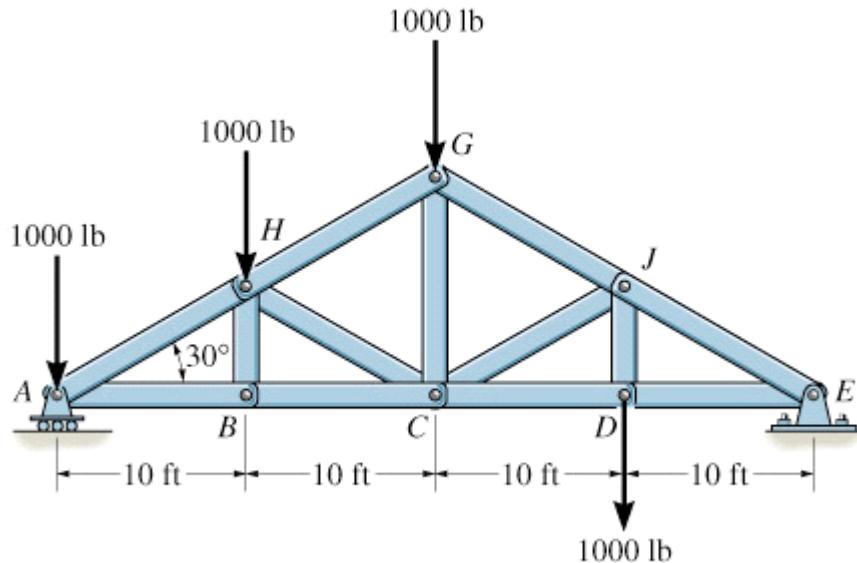


**Problem 5:** Determine the force in members  $HB$ ,  $AH$  and  $DJ$ .



By Inspection of Joint B, member  $HB$  is a zero force member.

By Inspection of Joint D (or sum of forces in y) member  $DJ$  is 1000 lbs (T).

**ANSWER:**  $F_{AH} = 3000 \text{ lb (C)}$     $F_{HB} = 0$     $F_{DJ} = 1000 \text{ lbs (T)}$