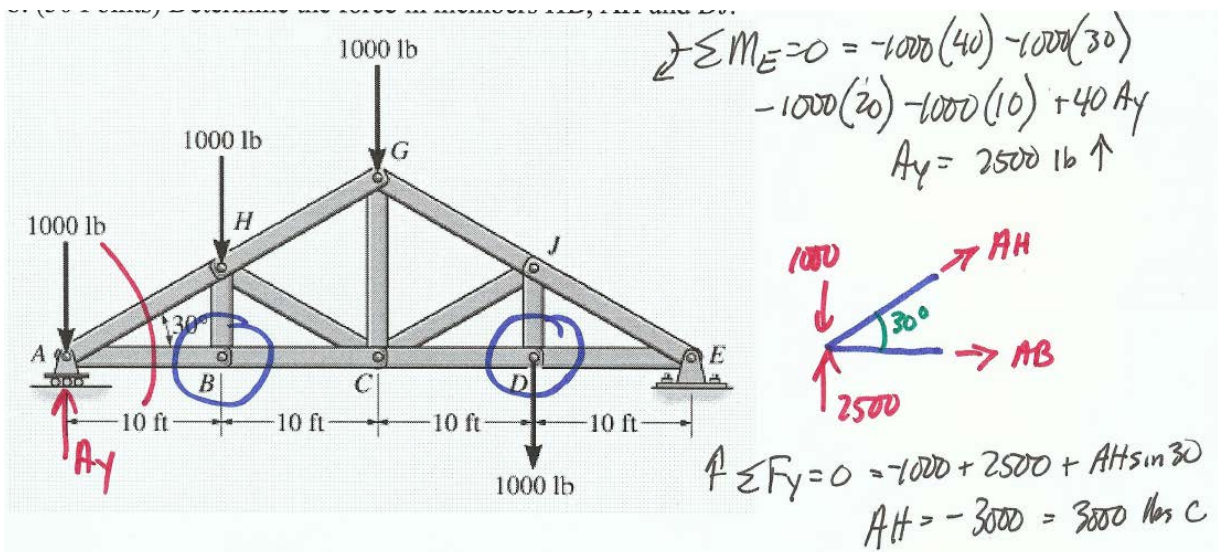
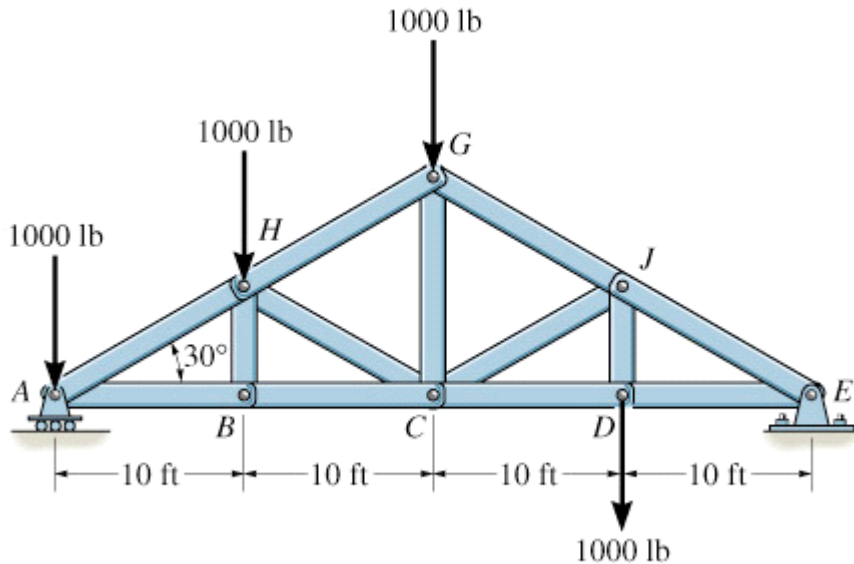


Problem 5: Determine the force in members HB , AH and DJ .



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