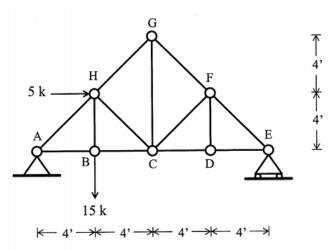
University of Maryland ENCE353: Introduction to Structural Analysis Fall 2015 Due 10/02/15

## Homework #2

Note: Make sure to draw Free Body Diagrams for each problem.

## Problem 1:



- a) Determine all zero-force memebers.
- **b**) Determine forces in members BC, CH, GH. State whether forces are in tension or compression.

**Problem 2:** If the maximum force that any member can support is 8 kN in tension and 6 kN in compression, determine the maximum force P that can be supported at joint D.

