

To do ...

- Go to discussion — 8% of your grade!
 - Check your grades on compass (-- \neq 0)
 - Sign up for Quiz 4 (CBTF next week)
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- HW 12 PL due **Tues**
 - HW 13 ME due **Thurs**
 - WA 2 due **Fri**
 - **Read instructions!!**

Method of sections



Method of sections



Internal forces

- How are two-force members being held together internally?

Tension

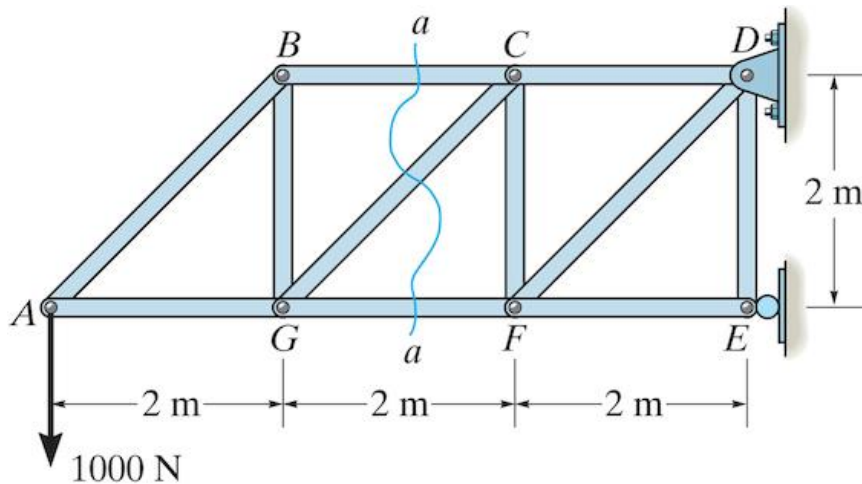
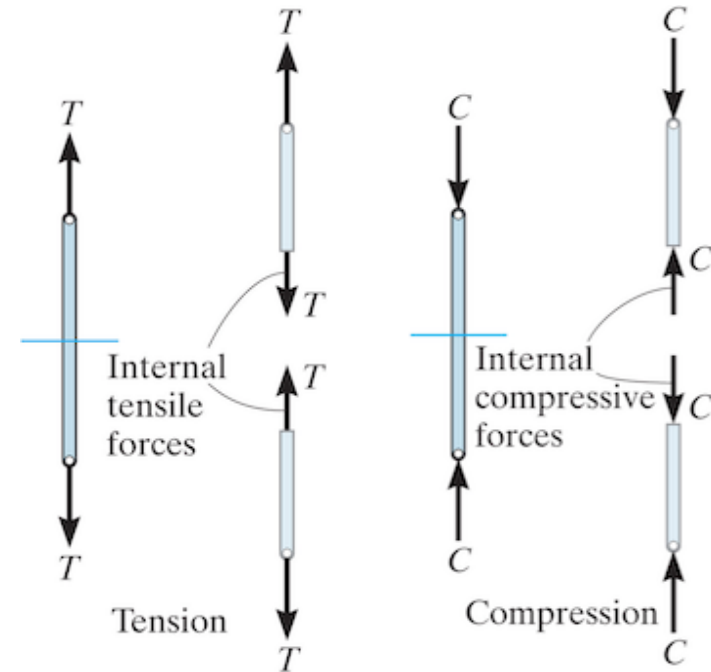


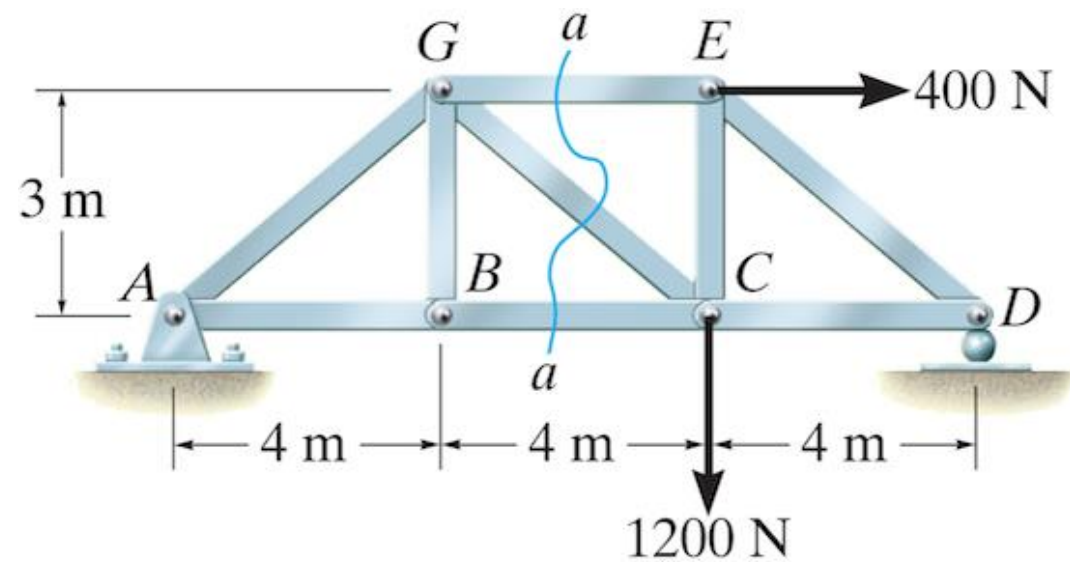
Compression



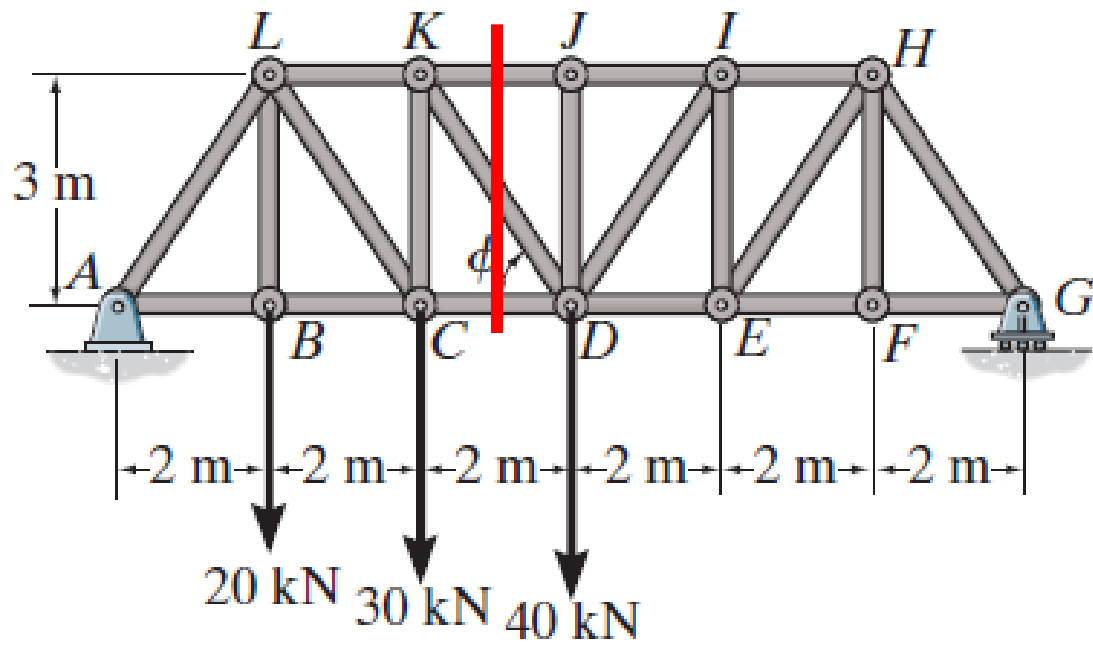
Method of sections

- Determine external support reactions
- “Cut” the structure at a section of interest into two separate pieces and set either part into force and moment equilibrium
- your cut should be such that you have up to three unknowns

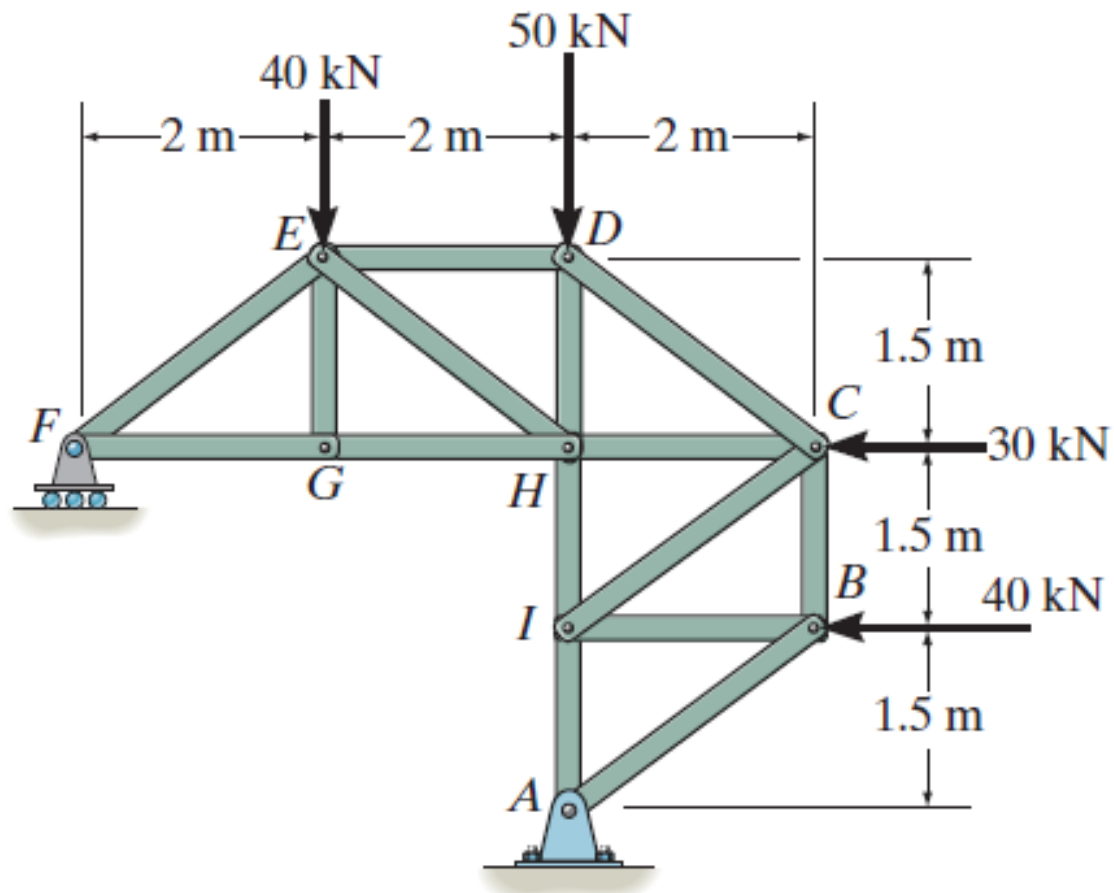




Determine the force in member GC and GE of the truss and state if the members are in tension or compression.



Find the force in members KJ , KD , and CD .



Find the force in members ED , EH , and GH .