

# Announcements

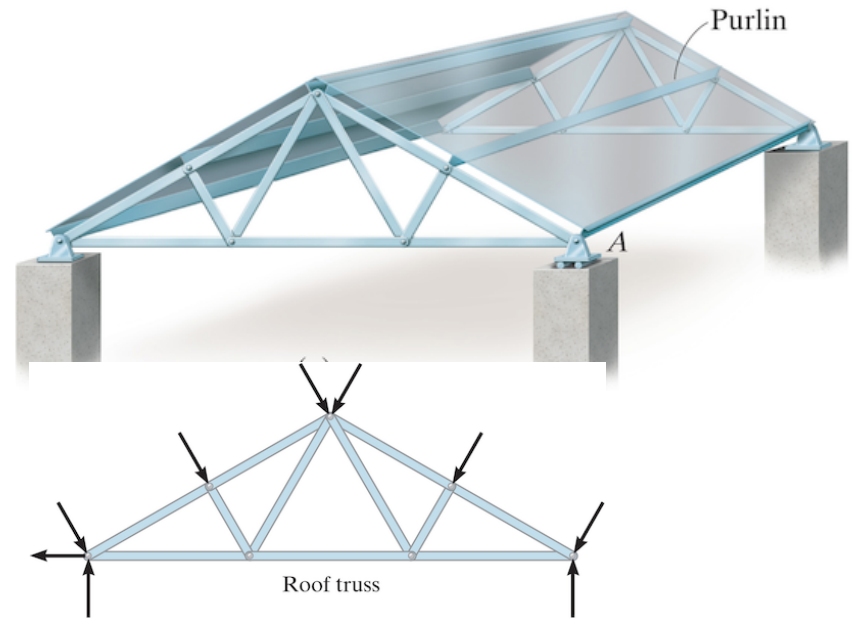
- Remember to submit your CATME Mid-course Survey today!
- ☐ Upcoming deadlines:
  - Saturday (10/6) – EXTENSION!
    - ME HW11
  - Tuesday (10/10)
    - PL HW12
  - Thursday (10/11)
    - ME HW13
  - Friday (10/12)
    - WA #2



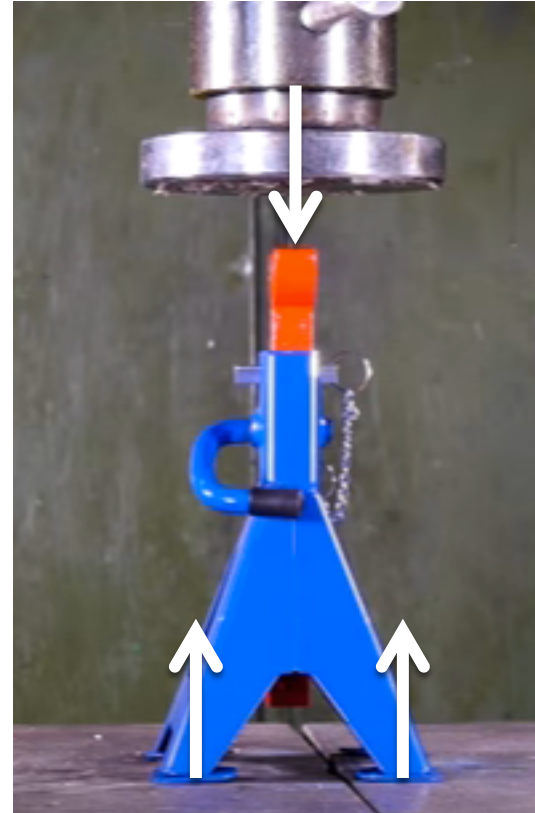
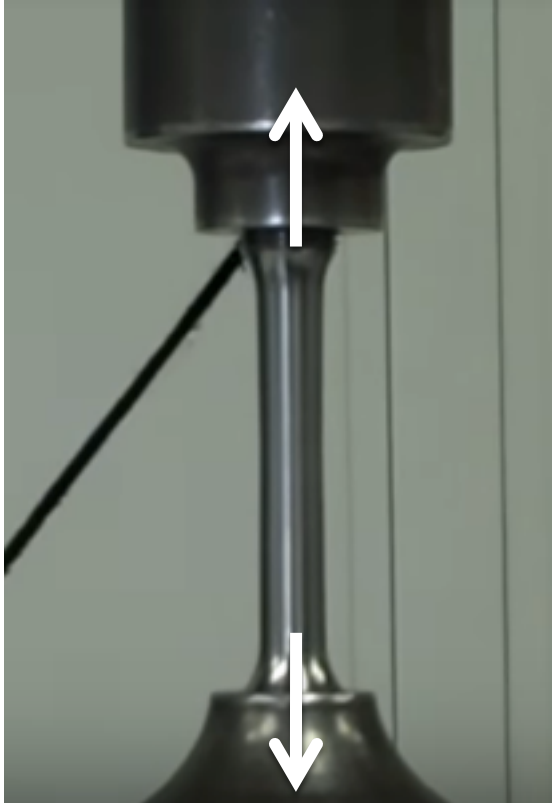
[imgur.com/jwsfAfh](https://imgur.com/jwsfAfh)

# Recap

- Truss Analysis
- Joint/pin method
- Zero force member

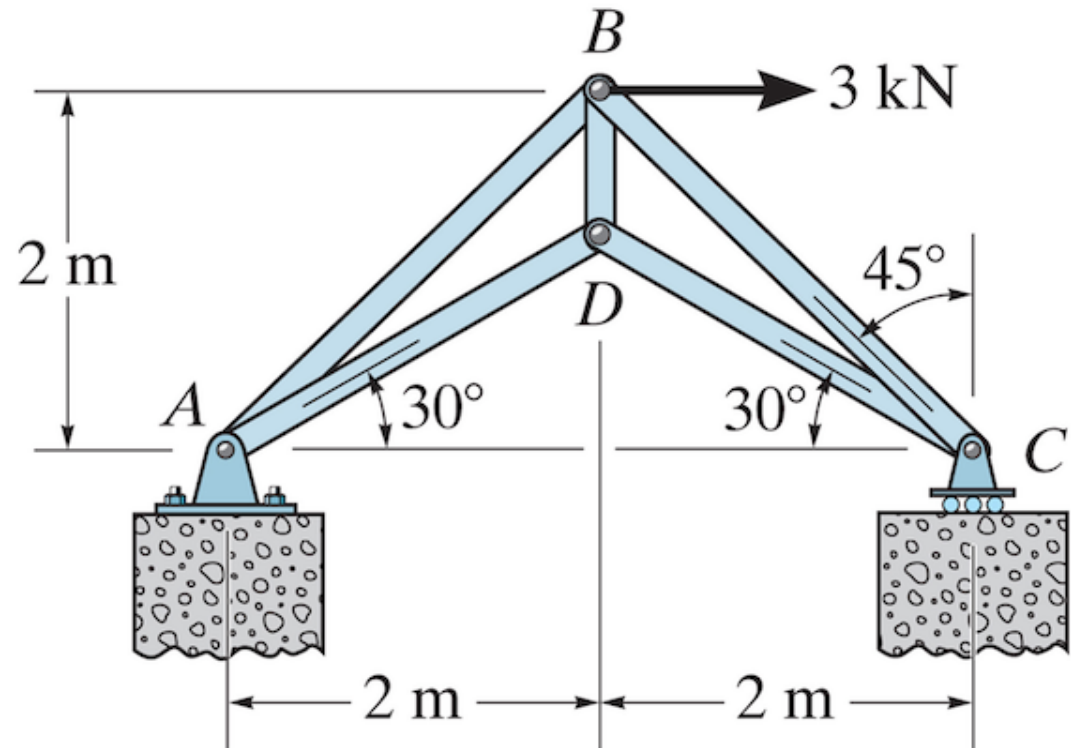


# Tension vs. Compression



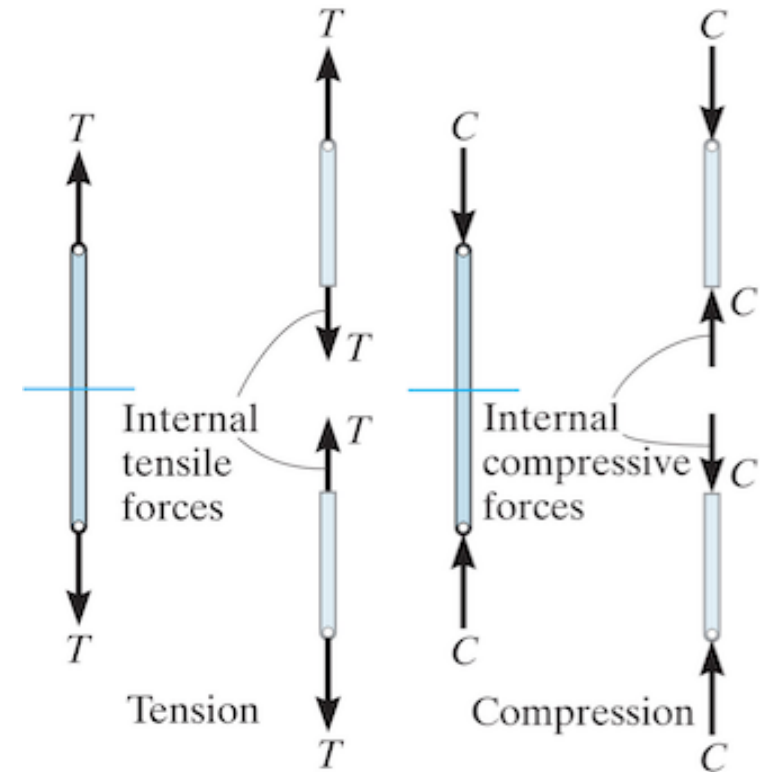
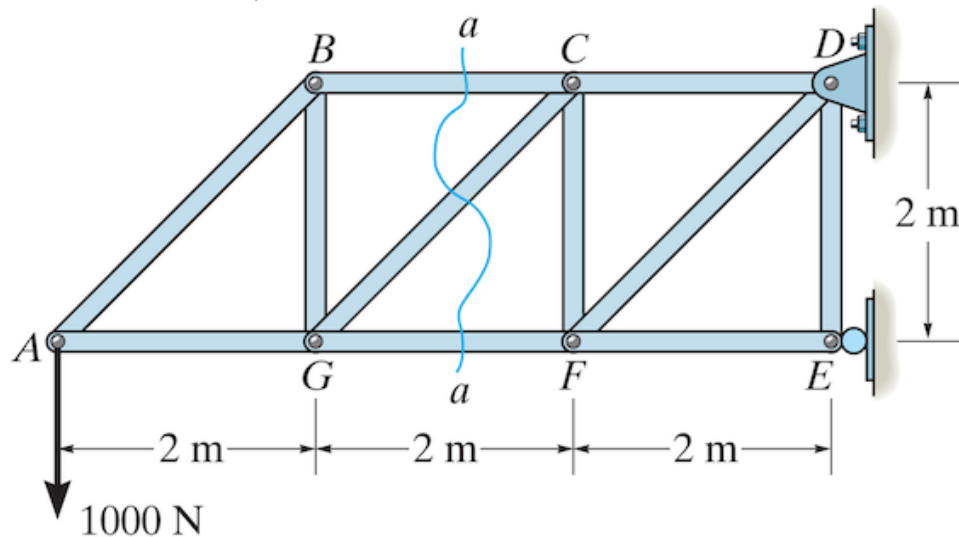
Rigid bodies respond differently to tension versus compression.  
(YouTube Clips)

We will determine the force in each member of the truss and indicate whether the members are in tension or 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.

