

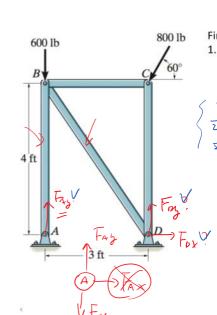
Tension vs. Compression





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

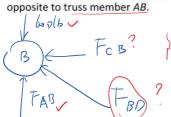
3



Find the forces in member BD.

Find support reactions.
 Problem: the truss has too many unknowns (2 force components at both A and D)

Tip: Notice pin A is connected to a truss member and pin support A, so the support reactions at A can only provide a support force equal and opposite to truss member AB.



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