The two member truss shown is being modeled in class using the Finite Element Technique. Use the two dimensional truss development that was developed in lab to solve for the deflection at B and the reactions at A and B. The truss members are made of circular cross-section (d=0.25) Alloy Steel.

B   50 lb

6.0 in

A

C

8.0 in

4.0 in