1) Do Problem 3-22 in the Hibbeler text using Method of Sections, by hand. In addition to the directions, identify at least two zero force members using the inspection method. Also, show that this truss is statically determinate. When analyzing this truss, should you solve for external reactions first? Why or why not?

2) Do Problem 3-26 in the Hibbeler text using Method of Sections, by hand. In addition to the directions, identify at least two zero force members using the inspection method. Also, show that this truss is statically determinate. When analyzing this truss, should you solve for external reactions first? Why or why not?

3) Repeat Problem 3-26 in the Hibbeler text using ETABS. Do your results in ETABS match your Method of Section hand calculations?