1. Determine the forces in all bars of the truss to the right. Indicate whether the bar is in tension or compression.

2. Using the method of sections, calculate the bar forces in members EC, FB, and GA. State whether the bar is in tension or compression. Verify your solution using RISA 2D or other suitable structural analysis software (see HW#2 for assumed material properties).

3. Using both the method of sections and the method of joints, calculate all the bar forces in the truss below and indicate whether the bar is in tension or compression.