

Homework #1

Note: Show work and draw free body diagrams for each problem

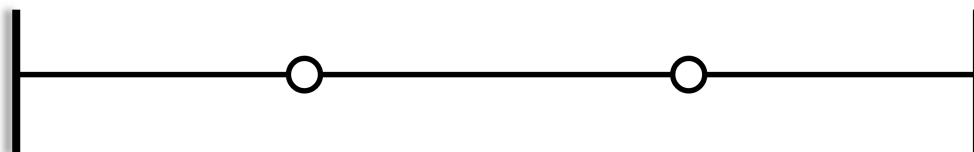
Problem 1

Classify each of the structures as statically determinate, statically indeterminate, or unstable. If indeterminate, specify the degree of indeterminacy

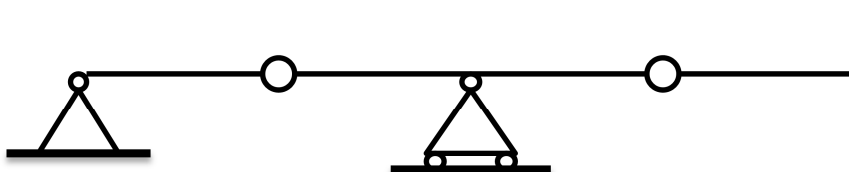
a)



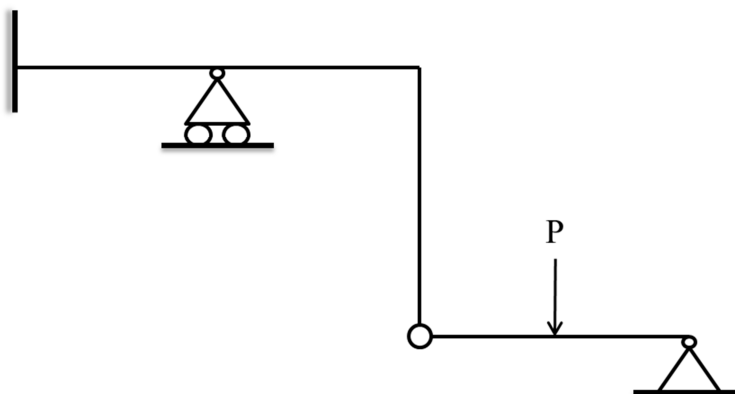
b)



c)



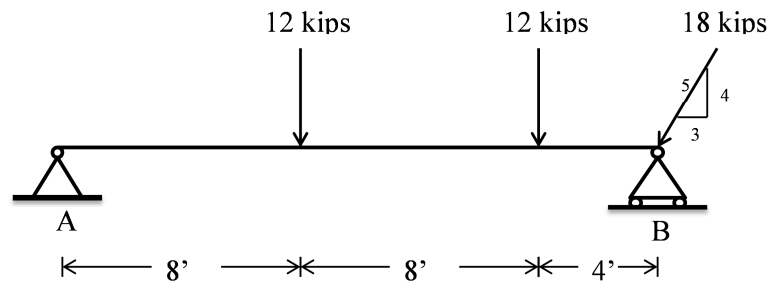
d)



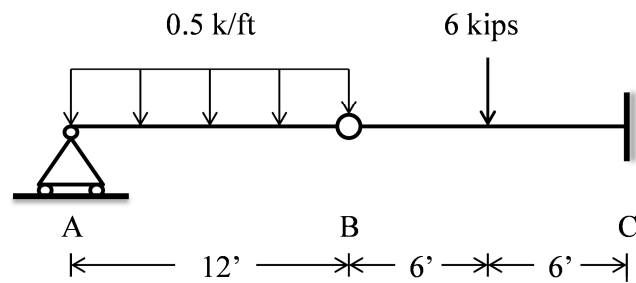
Problem 2

Determine the reactions on each structure

a)



b)



c)

