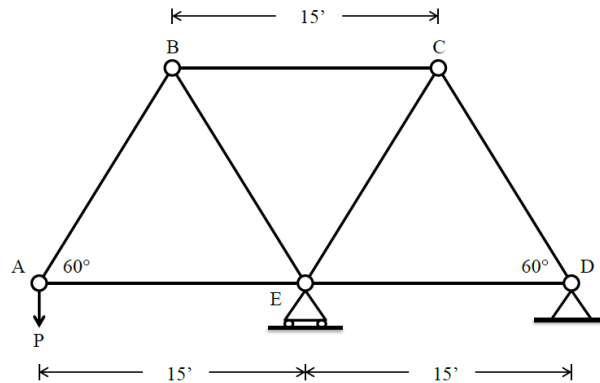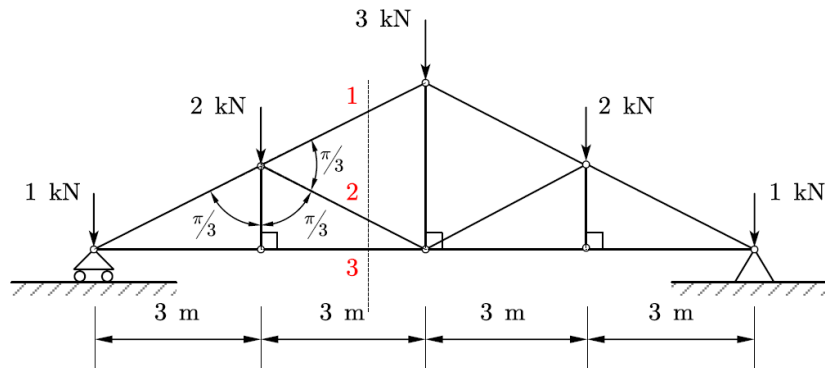# Assignment 2

Due: October 4, 2019

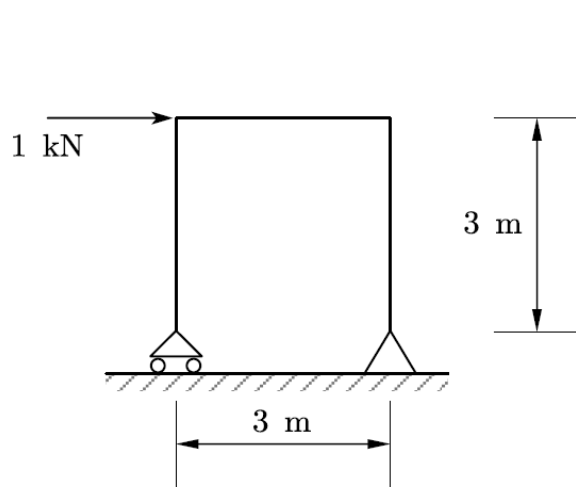Note: Please submit a neat piece of work. Show all the work.

1. If the maximum force that any member can support is 8 kips in tension and 5 kips in compression, determine the maximum force P that can be supported at joint A.
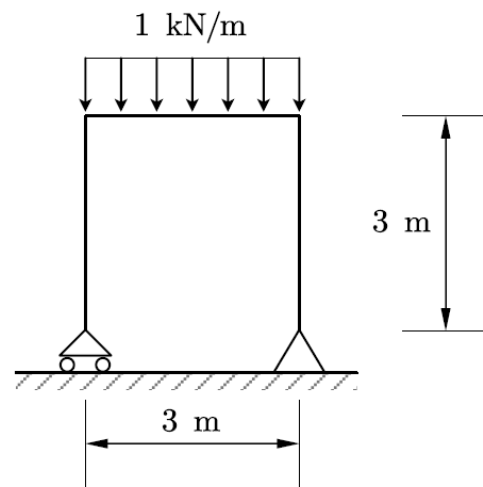

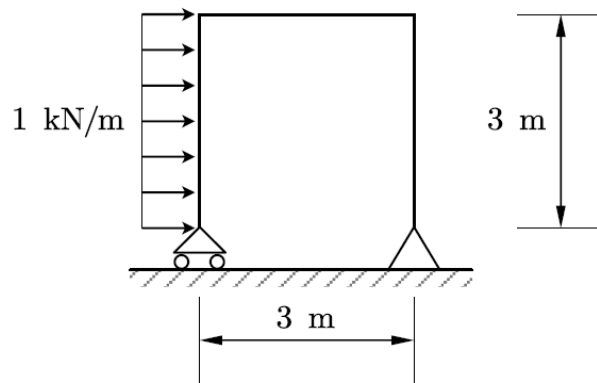2. Use method of sections to solve for the forces in member 1,2 and 3.

3. Plot moment diagram for the following structures. Please show all the work.

1 kN/m

1 kN

3 m

3 m

3 m

(a)

(b)

1 kN/m

3 m

3 m

(c)