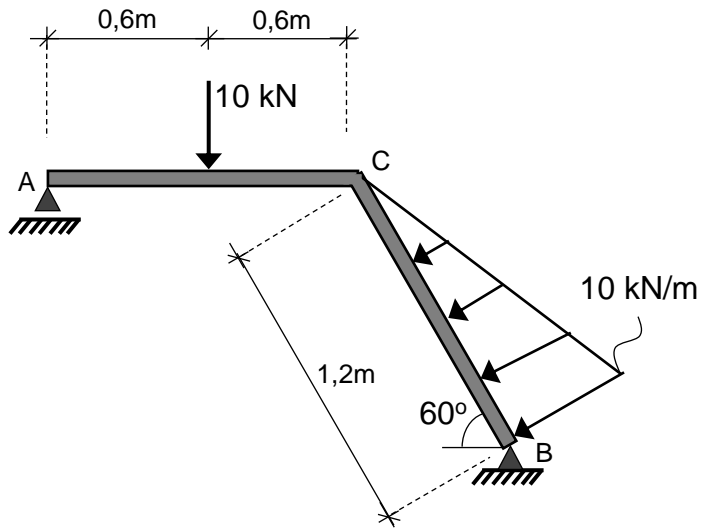


PS #3

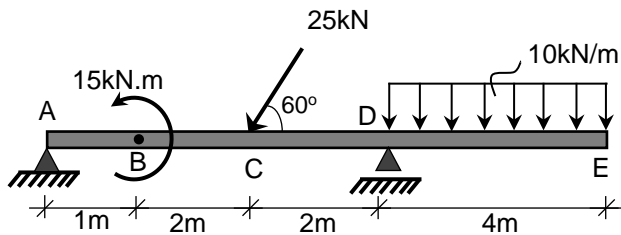
K.T.Ü. MINING ENGINEERING ENGINEERING MECHANIS PROBLEM SET #3

1



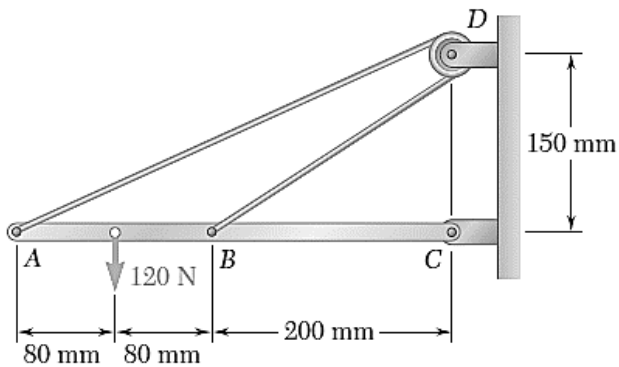
Find the support reactions of the given structural system.

2



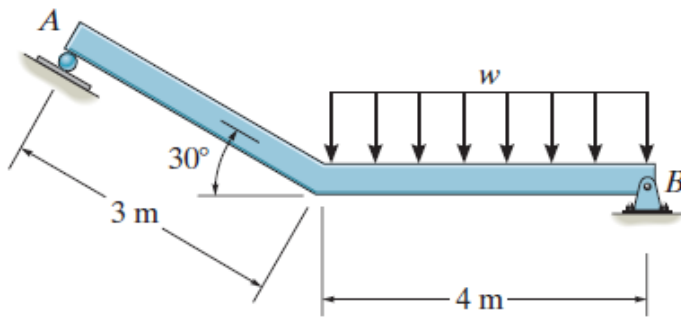
Find the support reactions of the given structural system.

3



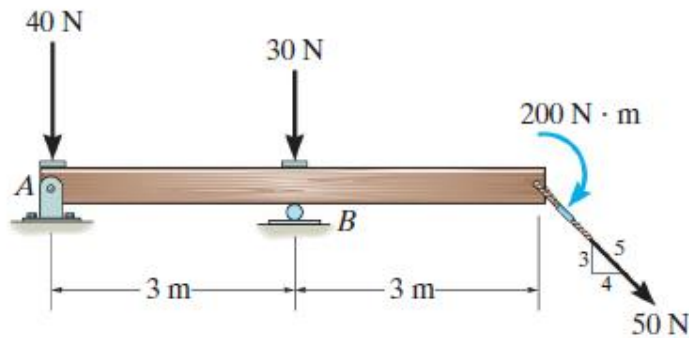
Find the support reactions and the force of the cable ADB of the given structural system.

4



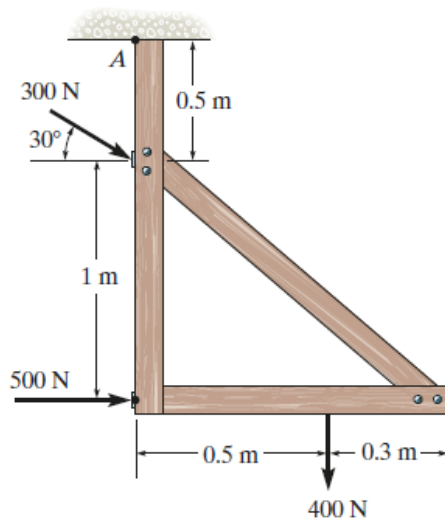
If the roller support at A and the pin support at B can carry a maximum of 4 kN and 8 kN respectively, then find the maximum value of the w load in kN/m

5



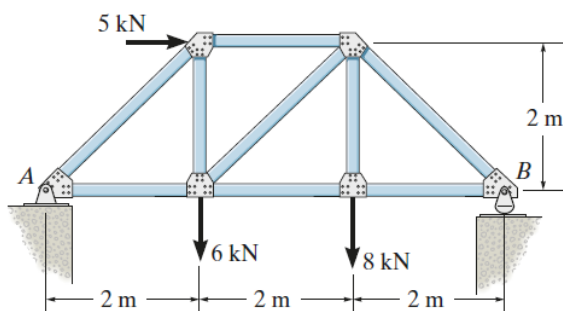
Find the support reactions of the given structural system.

6



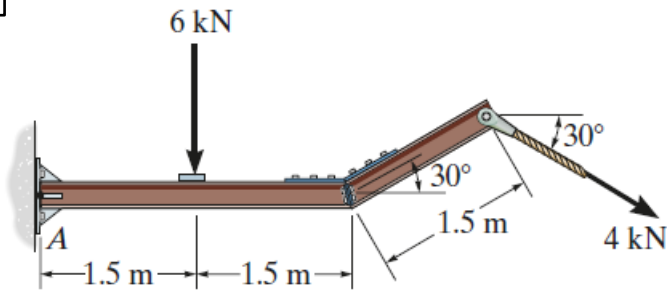
Find the support reactions of the given structural system.

7



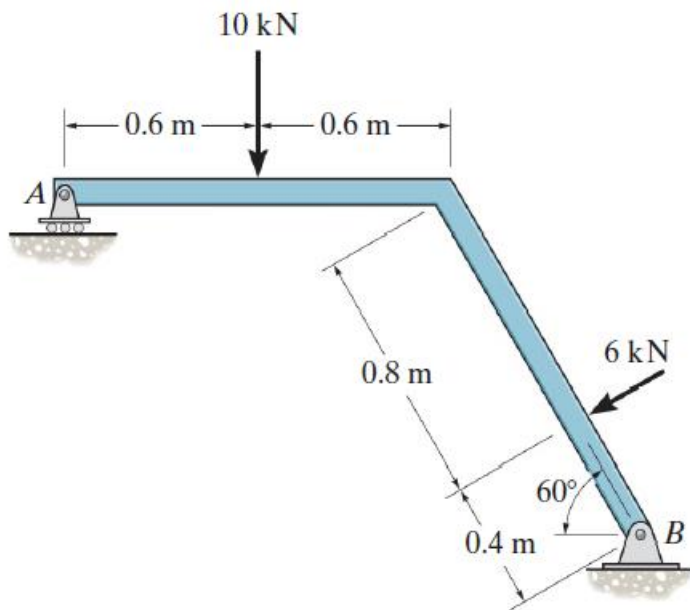
Find the support reactions of the given structural system.

8



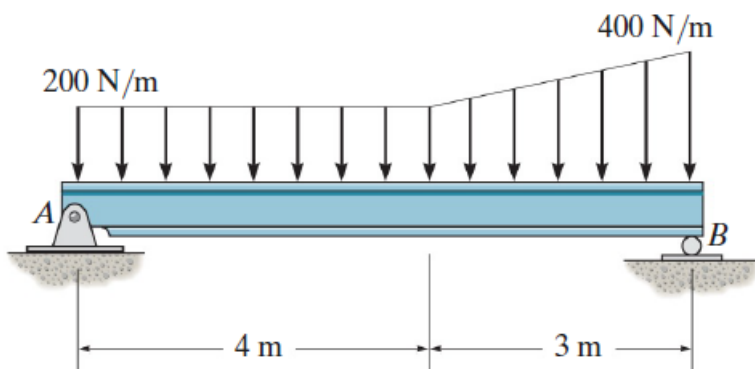
Find the support reactions of the given structural system.

9



Find the support reactions of the given structural system.

10



Find the support reactions of the given structural system.