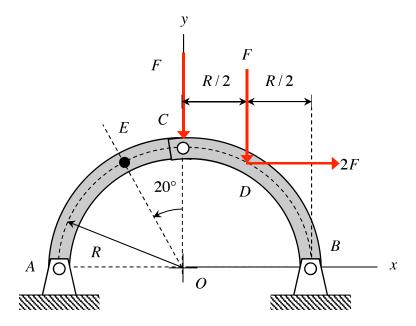
Homework H26.A

Given: The frame shown is made up of members AC and BC, with concentrated loads being applied at C and D on member BC.

Find: Consider a mathematical cut in member AC at point E on member AC.. Determine the internal resultants on section AE of member AC. Write your answers as vectors.

For this problem, use the following parameters: R = 6 ft and F = 500 lb.



Homework H26.B

Given: A sign/pole structure is acted up by three forces F, P and W, in the -y, -z and -y directions, respectively..

Find: Determine internal resultants acting on section OB of the pole at location B. Write your answers as vectors.

For this problem, use the following parameters: L = 10 ft, h = 5 ft, W = 600 lb, F = 900 lb and P = 1500 lb.

