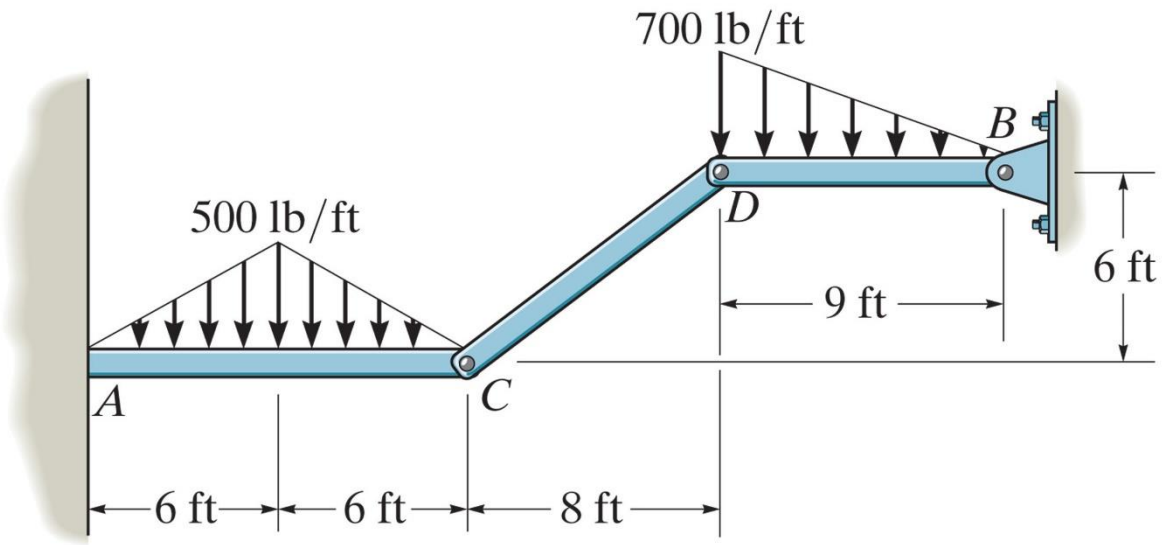
To do ...

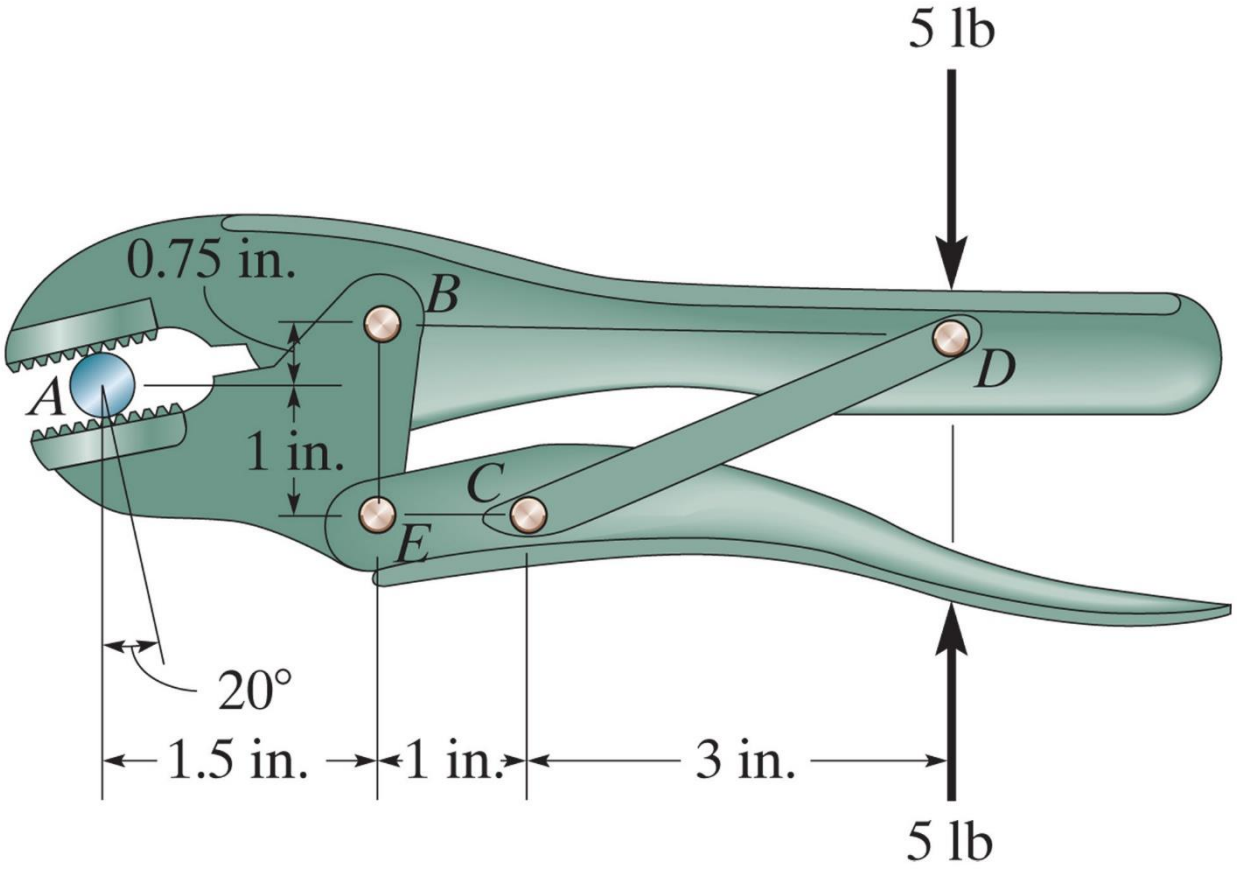
- CBTF Quiz 4 next week (Tues-Fri)

- WA 2 due **TODAY**
  - **Read instructions!!**

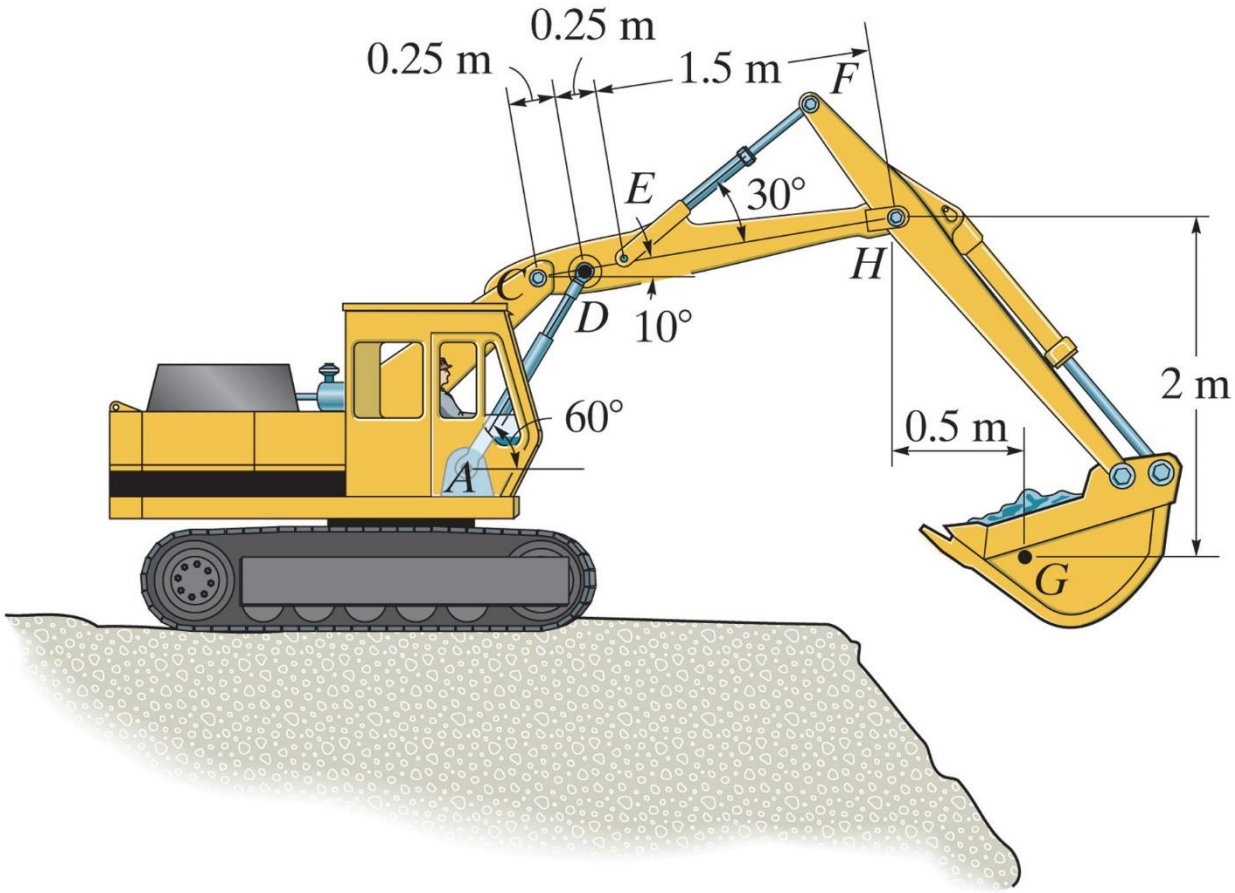
- HW 14 PL due **WED**
- HW 15 ME due **Thurs**



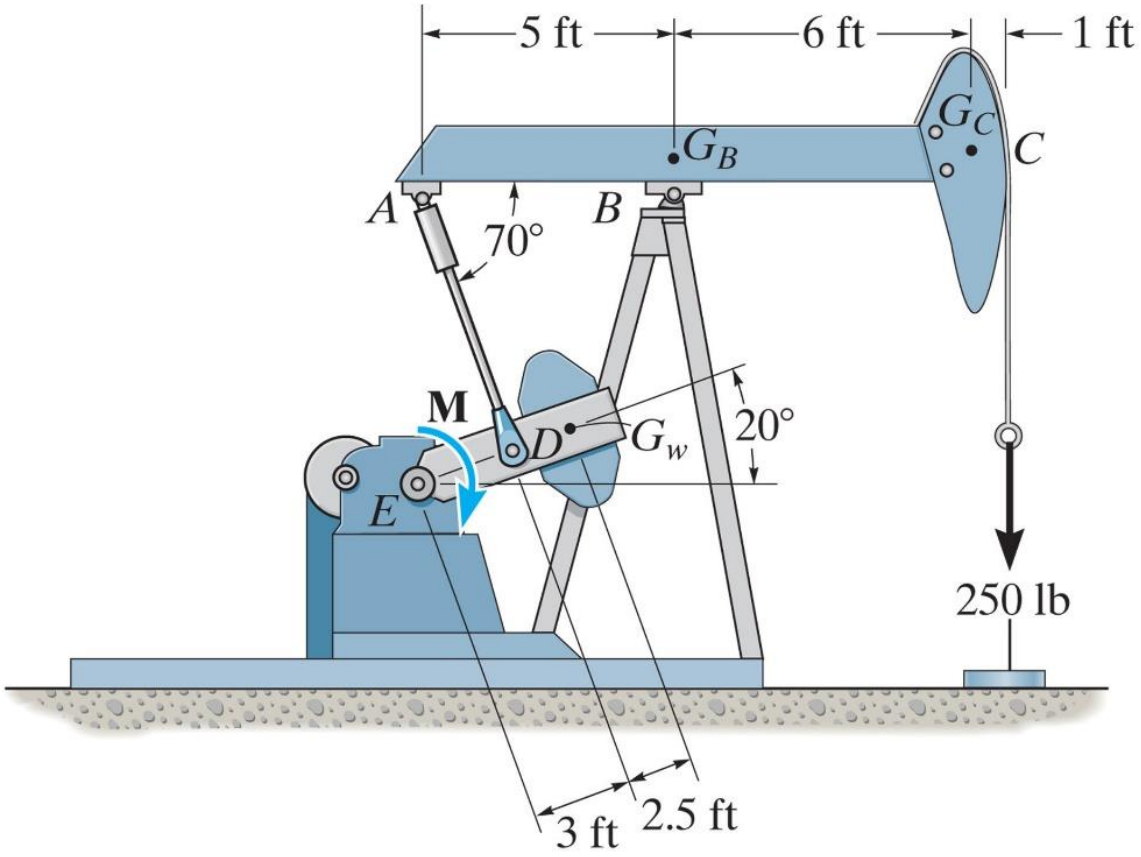
Determine the reactions at supports A and B.



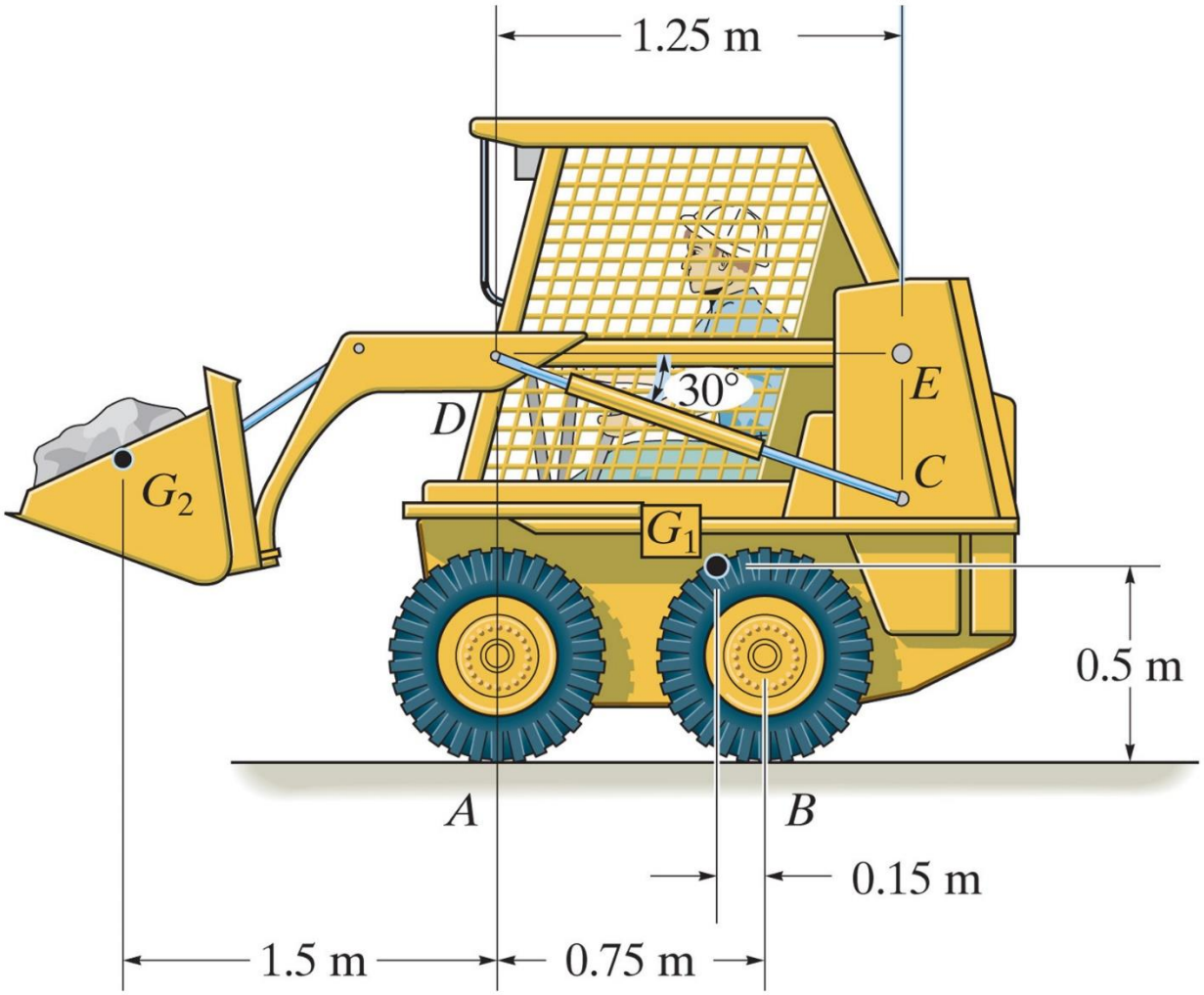
A 5 lb force is applied to the handles. Determine the compressive force developed at the smooth bolt shank A at the jaws.



Determine the force created in the hydraulic cylinders EF and AD in order to hold the shovel in equilibrium. The shovel load had a mass of 1.25 Mg and center of gravity at G.



The pumping unit is used to recover oil. Determine the torque **M** which must be exerted by the motor in order to overcome this load.



Determine the reactions of each pair of wheels A and B on the ground and the force in the hydraulic cylinder CD and at the pin E.