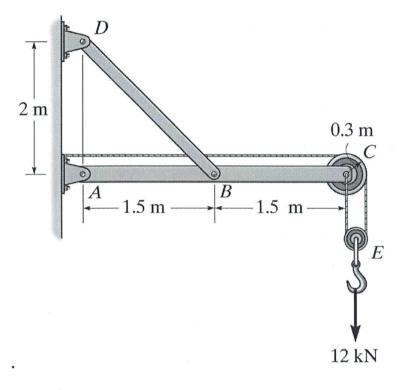
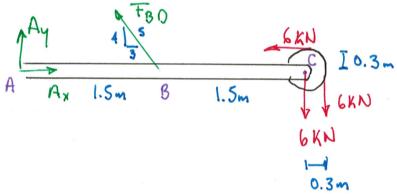
Determine the horizontal and vertical components of force at pins A and D.



pulley at E

6 KM 16 KN

12 KN



$$\left(\frac{4}{5}\right)$$
 FBD (1.5) - 6(3) - 6(3.3) + 6(0.3) = 0 FBD = 30 KN

$$2 + x = 0$$

 $A_x - (\frac{3}{5}) + y_0 - 6 = 0$ $A_x = 24 \text{ KN}$

A 5-lb force is applied to the handles of the vise grip. Determine the compressive force developed on the smooth bolt shank *A* at the jaws.

