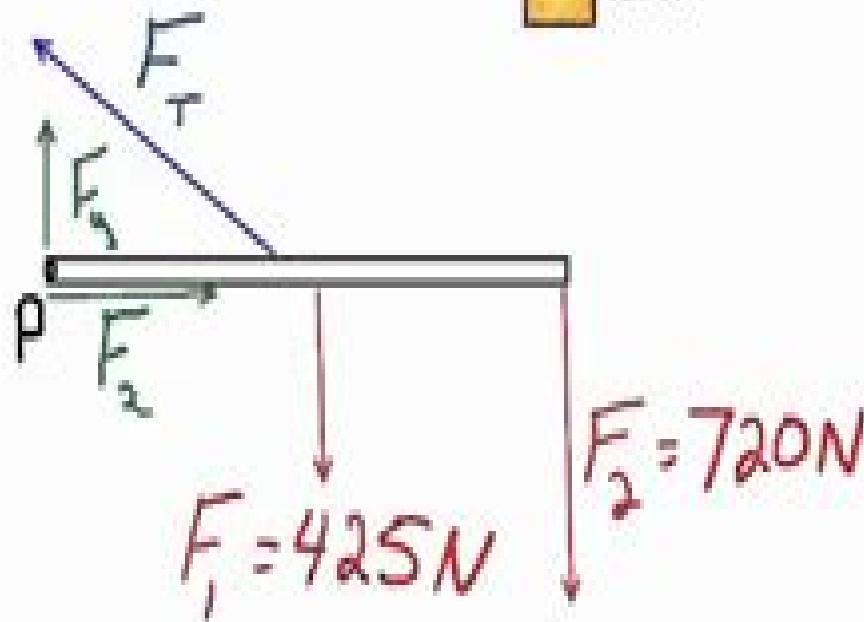
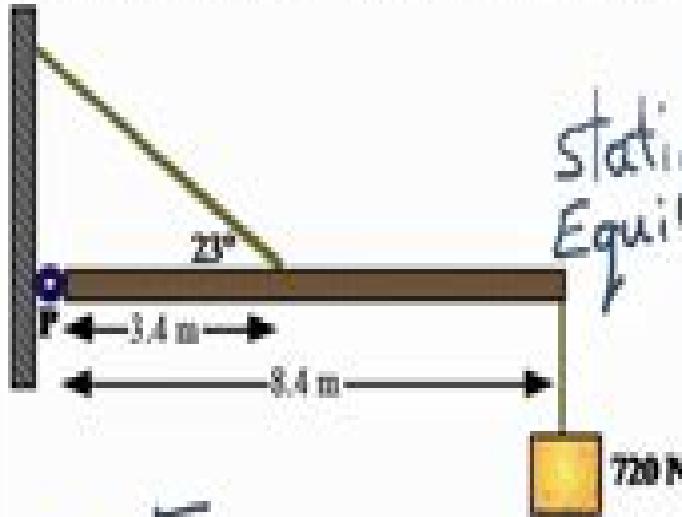


Example #2:

The diagram below shows a uniform beam hinged at P. The force of gravity on the beam is 425 N. Find the tension in the wire.



$$\tau = F_x d$$

$$\sum \vec{\tau} = 0$$

$$\tau_1 + \tau_2 + -\tau_3 = 0$$

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