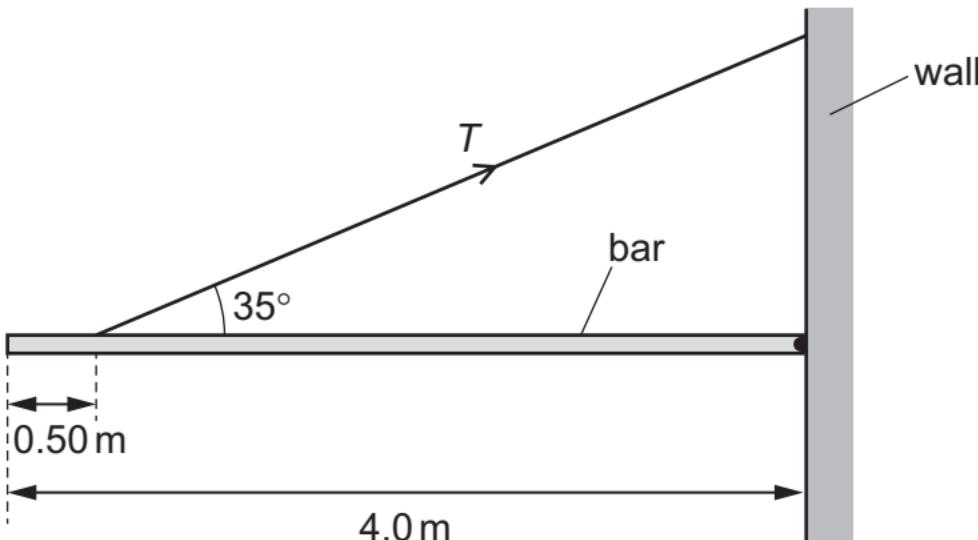


- 16 A uniform bar of weight 200 N and length 4.0 m is freely hinged on a wall at one end. The bar is horizontal and is held in equilibrium by a cable attached at a distance of 0.50 m from the other end. The cable is at an angle of 35° to the horizontal.



What is the tension T in the cable?

A 140 N

B 170 N

C 200 N

D 400 N