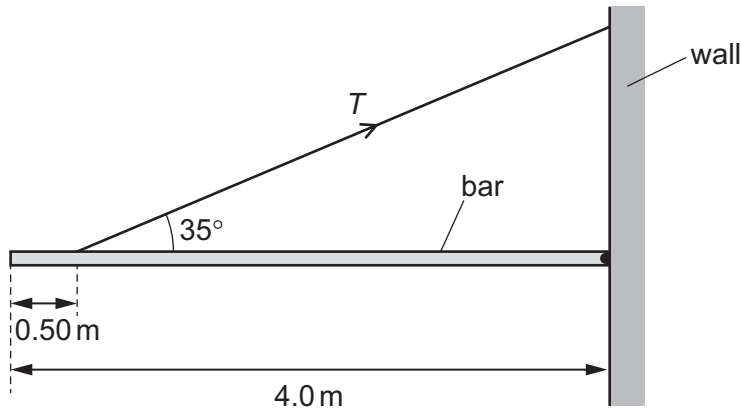


- 16** A uniform bar of weight 200 N and length 4.0 m is freely hinged on a wall at one end. The bar is horizontal and is held in equilibrium by a cable attached at a distance of 0.50 m from the other end. The cable is at an angle of 35° to the horizontal.



What is the tension T in the cable?

- A** 140 N **B** 170 N **C** 200 N **D** 400 N