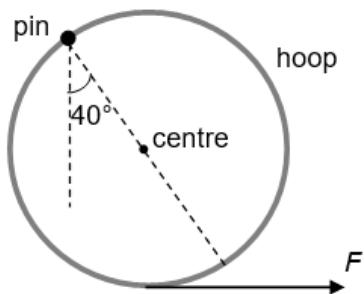


- 4** A uniform hoop of weight 20 N can rotate freely about a pin fixed to a wall.

The hoop is held at an angle of 40° by a horizontal force F as shown.



What is the value of F ?

- A** 7.3 N **B** 7.8 N **C** 9.3 N **D** 17 N