15 A minimum torque of 20 Nm must be applied to the lid of a jar for it to open. The radius of the lid is 4.0 cm.
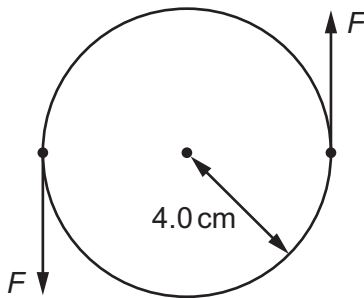

What is the minimum force F that must act on each side of the lid in order to open it?

A   2.5 N **B**   5.0 N **C**   250 N **D**   500 N