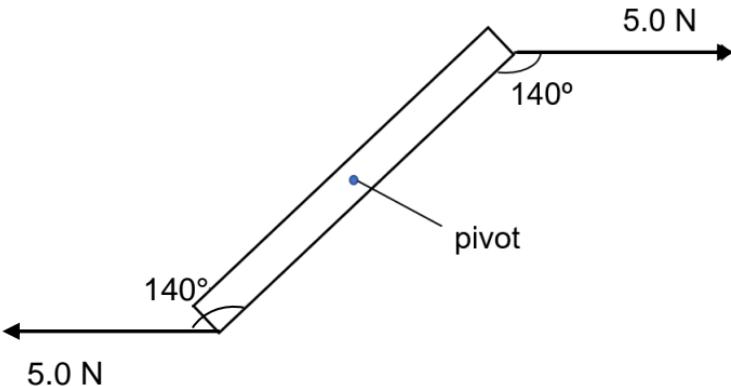


- 6** A thin meter rule is pivoted at its centre. Equal and opposite forces of magnitude 5.0 N are applied to the ends of the ruler, creating a couple as shown.



What is the magnitude of the torque of the couple on the ruler when it is at the position shown?

A 1.6 N m

B 3.2 N m

C 3.8 N m

D 5.0 N m