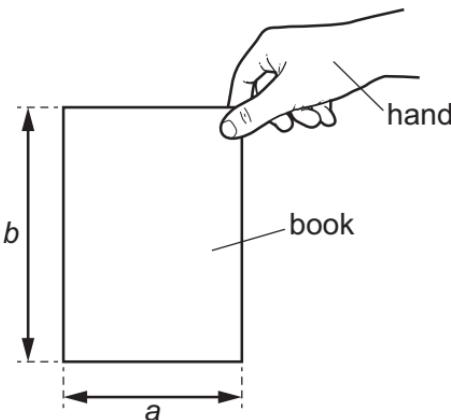


- 14 A book of weight  $W$  has a rectangular shape and is of uniform thickness. The book is held in a vertical plane so that the longer sides of the book are vertical, as shown.



Which expression gives the approximate torque exerted by the hand on the book?

- A  $\frac{Wa}{2}$  clockwise
- B  $\frac{Wb}{2}$  anticlockwise
- C  $Wa$  clockwise
- D  $Wb$  anticlockwise