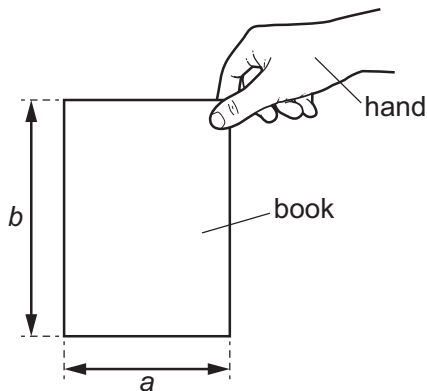


- 14 A book of weight W has a rectangular shape and is of uniform thickness. The book is held in a vertical plane so that the longer sides of the book are vertical, as shown.



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

- 15 The diagram shows a uniform rectangular block of mass M and length L resting on a horizontal surface. A horizontal force F is applied to the block at the top right corner, as shown. The block is in equilibrium.