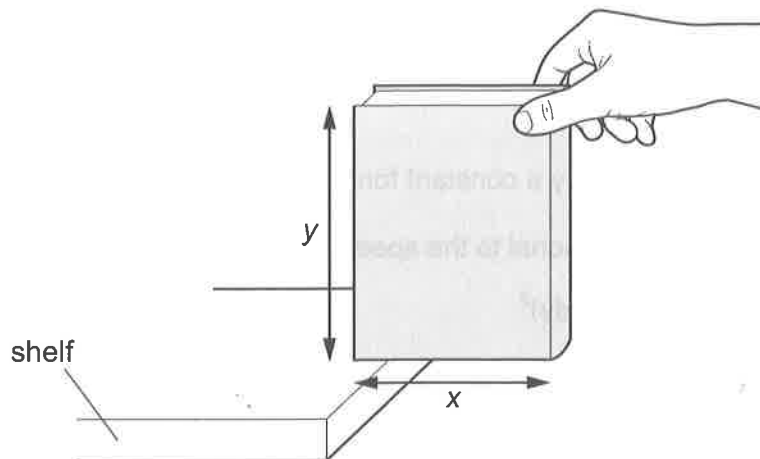


- 12 A student pulls a book from a shelf by its top corner, holding it between his forefinger and thumb. The book is uniform and has weight W and dimensions x and y as shown.



What moment must the student provide at the corner of the book to stop it from rotating just before it leaves the shelf?

- A $\frac{Wy}{2}$ anticlockwise
- B $\frac{Wx}{2}$ anticlockwise
- C $\frac{W(y-x)}{2}$ clockwise
- D Wx anticlockwise

