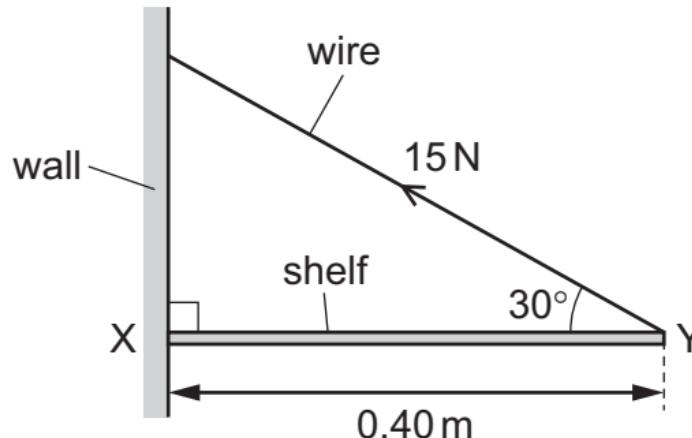


12 A shelf XY is 0.40 m long and is attached to a wall at end X.

It is kept horizontal by a wire attached to Y and to the wall, as shown.



The tension force in the wire is 15 N at an angle of 30° to the horizontal.

What is the moment of this force about point X?

- A 3.0 Nm
- B 5.2 Nm
- C 6.9 Nm
- D 12 Nm