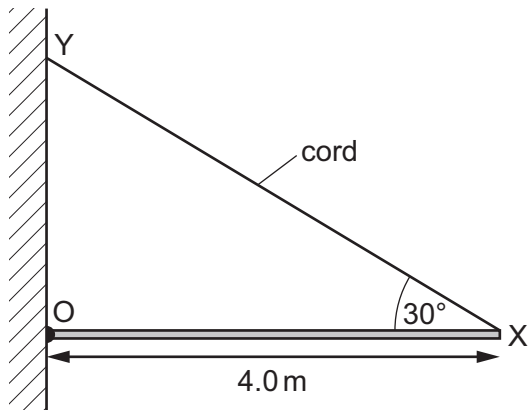


- 13** A uniform horizontal beam OX, 4.0 m long and weighing 100 N, is hinged at a wall at point O. It is supported by a cord XY which is attached to the wall at Y.



What is the tension in the cord?

- A** 50 N **B** 58 N **C** 86 N **D** 100 N