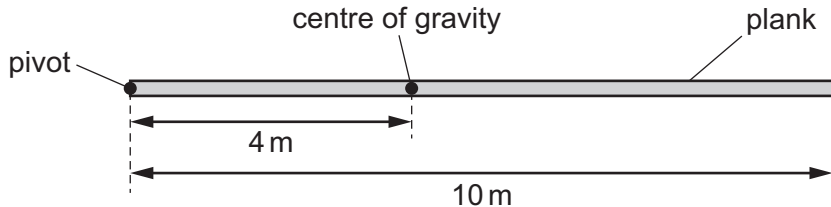


11 A horizontal wooden plank is pivoted at one end, as shown.



The plank has a mass of 100 kg and a length of 10 m. The centre of gravity of the plank is a distance of 4 m from the pivot.

What is the moment of the weight of the plank about the pivot?

- A** $4 \times 10^2 \text{ Nm}$ **B** $5 \times 10^2 \text{ Nm}$ **C** $4 \times 10^3 \text{ Nm}$ **D** $5 \times 10^3 \text{ Nm}$

12 Which of the following is a unit of moment?