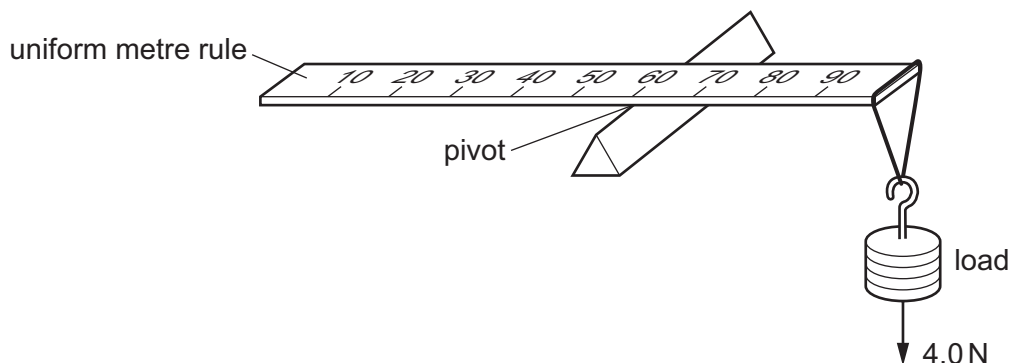12 A uniform metre rule of weight 2.0 N is pivoted at the 60 cm mark. A 4.0 N load is suspended from one end, causing the rule to rotate about the pivot.

At the instant when the rule is horizontal, what is the resultant moment about the pivot?

A 0.0 N m   **B** 1.4 N m   **C** 1.6 N m   **D** 1.8 N m