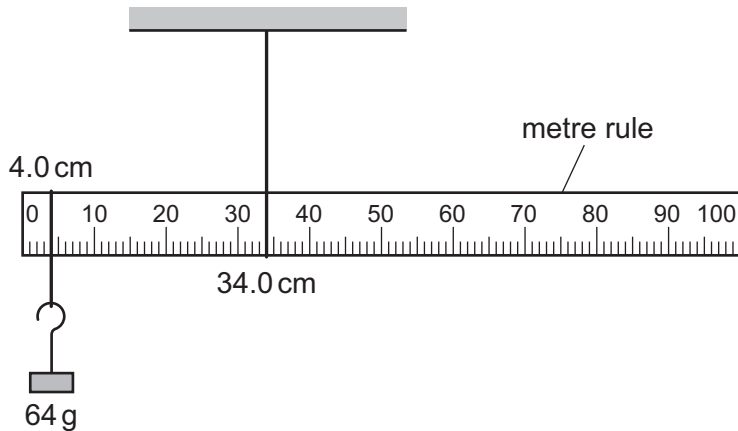


**12** A uniform metre rule is pivoted at the 34.0 cm mark, as shown.



The rule balances when a 64 g mass is hung from the 4.0 cm mark.

What is the mass of the metre rule?

**A** 38 g

**B** 44 g

**C** 120 g

**D** 136 g