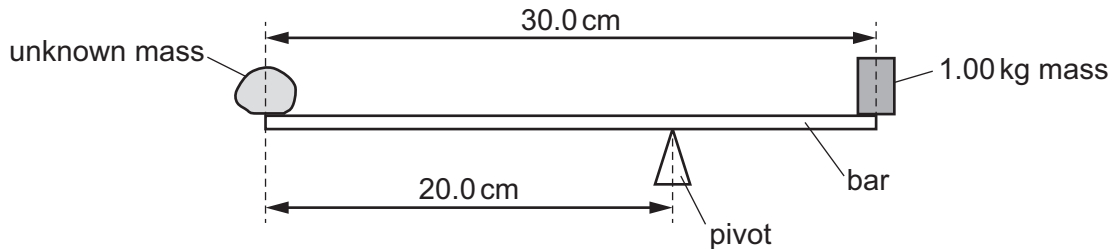


- 14** An unknown mass and a 1.00 kg mass are fixed at opposite ends of a bar. The bar has negligible mass and a length of 30.0 cm.

The bar balances when supported by a pivot placed 20.0 cm from the unknown mass, as shown.



What is the unknown mass?

- A** 333 g **B** 500 g **C** 667 g **D** 1000 g