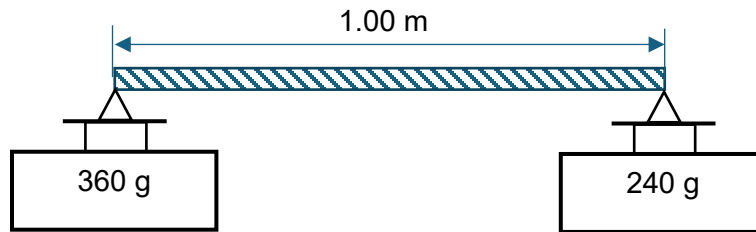5   A rod of length 1.00 m has non-uniform composition, so that the centre of gravity is not at its geometrical centre. The rod is laid on supports across two mass balances as shown in the diagram. The balances give readings of 360 g and 240 g.

1.00 m

Where is the centre of gravity of the rod relative to its geometrical centre?

A	10 cm to the left	**B**	10 cm to the right
C	17 cm to the left	**D**	20 cm to the left