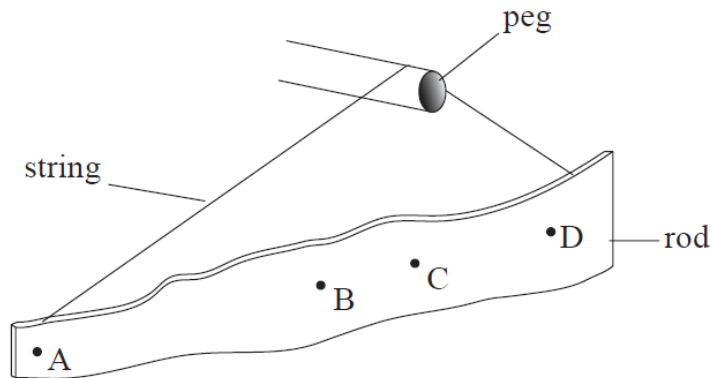


- 7 An uneven rod is supported from a peg by means of a string. The friction force between the peg and the string is negligible.



Which of the points best shows the position of the centre of gravity of the rod?

- 8 The figure shows a uniform rod of length  $l$  and mass  $m$ . At the instant shown, the rod is at rest and the string is at an angle  $\theta$  to the horizontal.