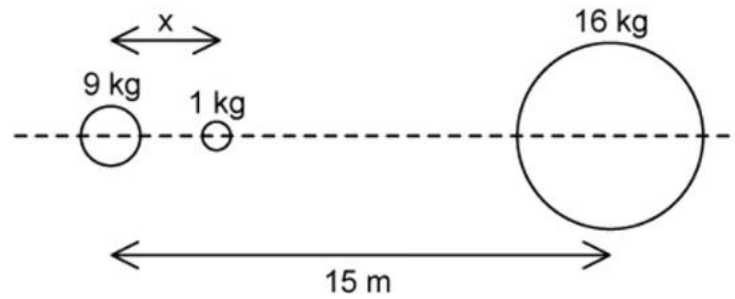


- 8 The diagram below shows three uniform masses in a straight line.



The resultant gravitational force on the 1 kg mass is zero if the distance  $x$  is

- A** 5.0 m                      **B** 5.4 m                      **C** 6.4 m                      **D** 8.6 m