

- 5 A small ball P moves with speed v towards another identical ball Q along a line joining the centres of the two balls. Ball Q is at rest. They collide elastically.



Which one of the following situations is the outcome of the collision between the balls?

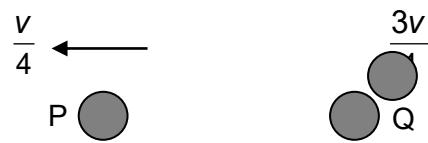
A



B



C



D

