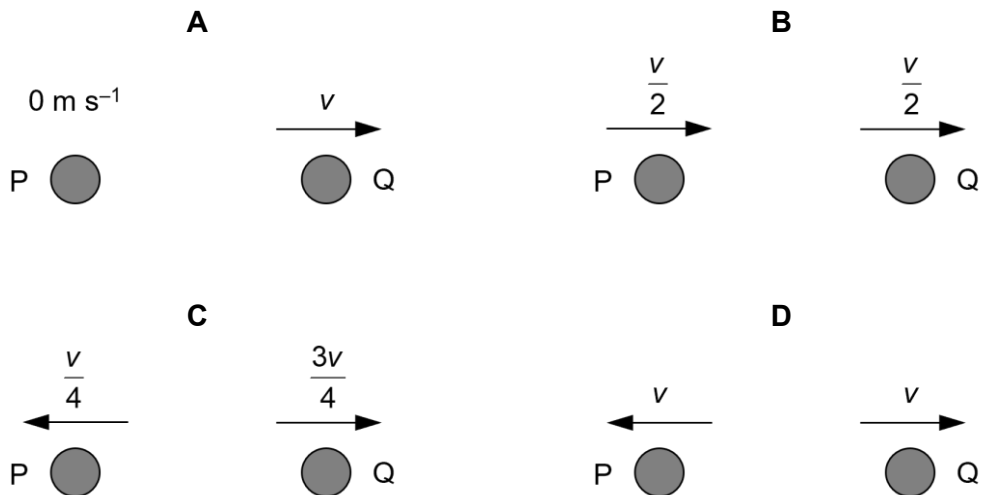


- 4 A small ball P moves with speed v towards another identical ball Q along a line joining the centres of the two balls. Ball Q is at rest initially and they collide elastically.



Which of the following shows the final velocities of the balls?



[Turn over]