

4 Diagram 1 shows the path of a ball that bounces on a wall, continuing at the same speed.

Diagram 2 is a vector diagram showing the initial velocity u and the final velocity v of the ball.

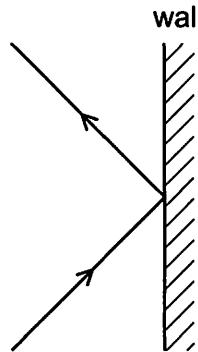


diagram 1

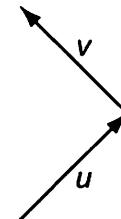
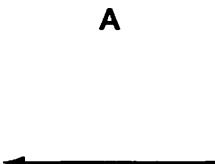
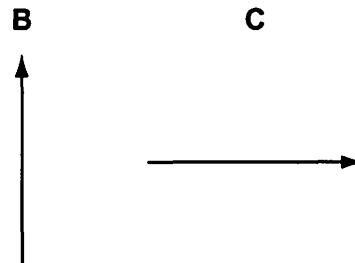


diagram 2

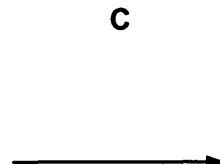
Which vector represents the change in velocity of the ball?



A



B



C



D