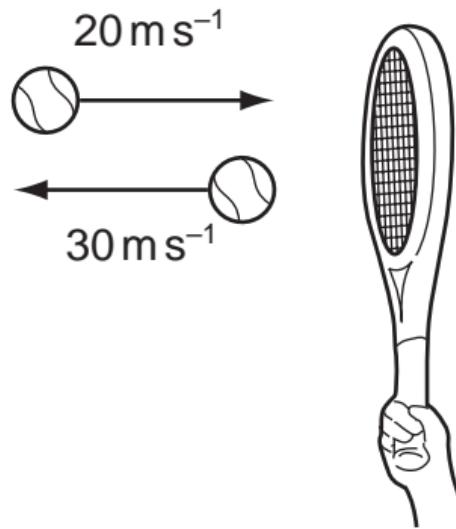


- 9 A tennis ball of mass 100 g is struck by a tennis racket. The velocity of the ball is changed as shown.



What is the magnitude of the change in momentum of the ball?

- A 1 kg m s^{-1} B 5 kg m s^{-1} C 1000 kg m s^{-1} D 5000 kg m s^{-1}

- 10 A stationary body explodes into two components of masses m and $2m$.