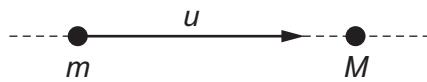
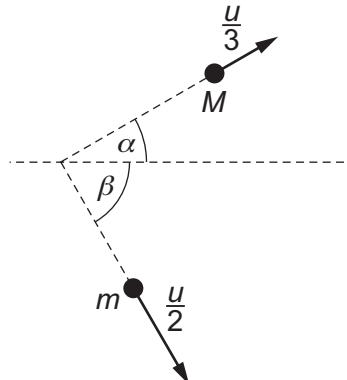


- 10 A particle of mass m , travelling with speed u , collides with a stationary particle of mass M . The velocities of the two particles before and after the collision are shown.



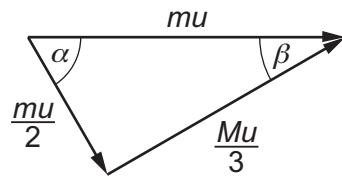
before collision



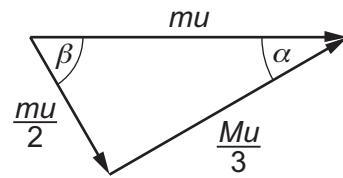
after collision

Which vector diagram correctly shows the momenta before and after the collision?

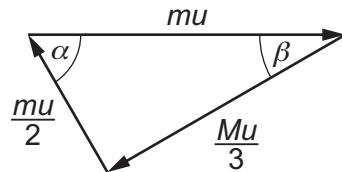
A



B



C



D

