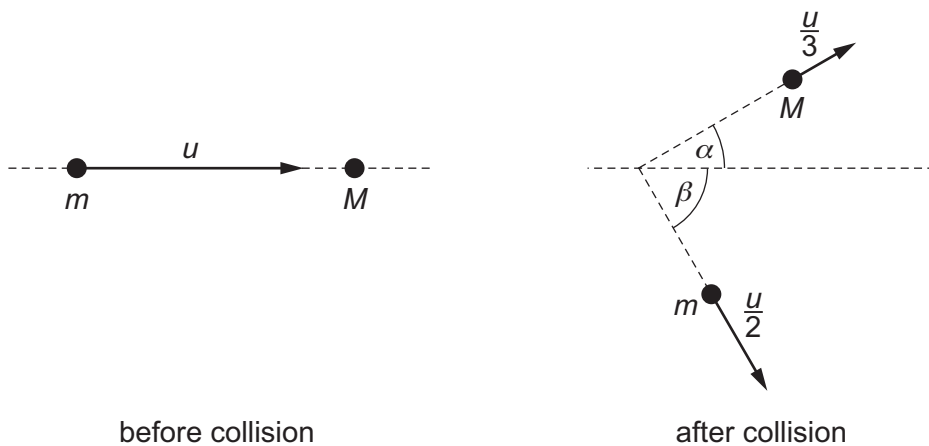


- 10 A particle of mass  $m$ , travelling with speed  $u$ , collides with a stationary particle of mass  $M$ . The velocities of the two particles before and after the collision are shown.



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

