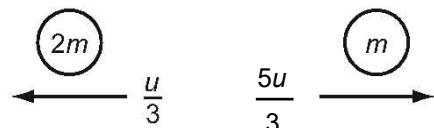


- 6 The diagram shows two spherical masses approaching each other head-on at the same speed u . One has mass $2m$ and the other has mass m . The masses then collide elastically.

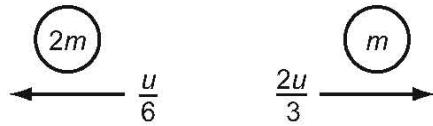


Which diagram shows the speeds of the masses after the collision?

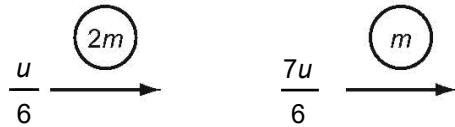
A



B



C



D

