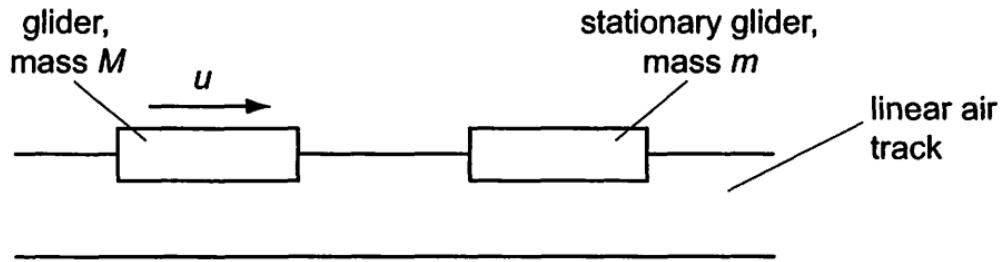


- 8 A glider of mass M moves along a linear air track with velocity u . It collides with a stationary glider of mass m which moves off at velocity v in the same direction as the first glider approached it.



What is the impulse on the stationary glider in the collision?

A $Mu - mv$

B Mu

C mv

D $mv - Mu$