

- 10 Two equal masses travel towards each other on a frictionless air track at speeds of 60 cm s^{-1} and 40 cm s^{-1} . They stick together on impact.



What is the speed of the masses after impact?

A 10 cm s^{-1}

B 20 cm s^{-1}

C 40 cm s^{-1}

D 50 cm s^{-1}