

- 6** A tennis ball of mass 0.060 kg , initially moving at 45 m s^{-1} , is struck by a racket exerting an average force of 95 N in the opposite direction for 70 ms .

What is the speed of the ball just after it leaves the racket?

- A** 9.4 m s^{-1} **B** 36 m s^{-1} **C** 66 m s^{-1} **D** 156 m s^{-1}

