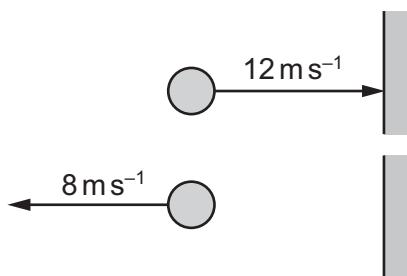


- 8** A ball of mass 0.5 kg hits a vertical wall at a speed of 12 ms^{-1} . It bounces back along its original path with a speed of 8 ms^{-1} . The collision lasts for 0.10 s.



What is the average force on the ball due to the collision?

- A** 0.2 N **B** 1 N **C** 20 N **D** 100 N