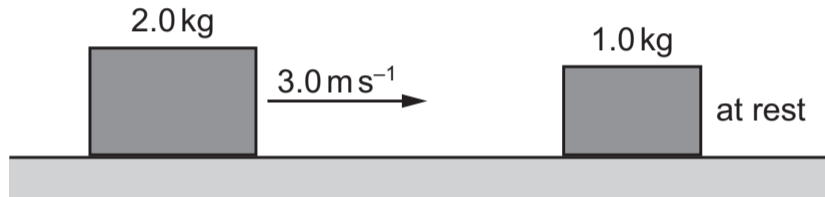


- 10** An object of mass 2.0 kg is travelling at a speed of 3.0 m s^{-1} on a horizontal frictionless surface. This object collides head-on with a stationary object of mass 1.0 kg . The two objects stick together on impact.



How much kinetic energy is lost on impact?

- A** zero **B** 2.0 J **C** 2.4 J **D** 3.0 J