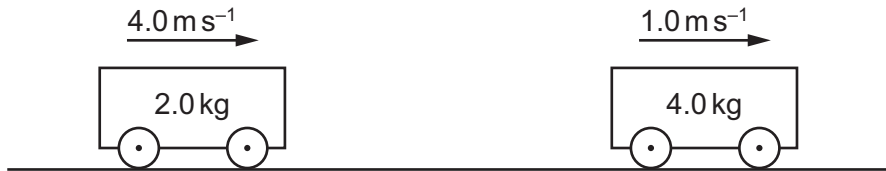


- 10** The diagram shows the masses and velocities of two trolleys that are about to collide.



After the impact they move off together.

What is the kinetic energy lost in the collision?

- A** 4 J **B** 6 J **C** 12 J **D** 14 J

- 11** A particle is initially at rest. It is then acted on by a constant force F for a time t . The work done by F is W .