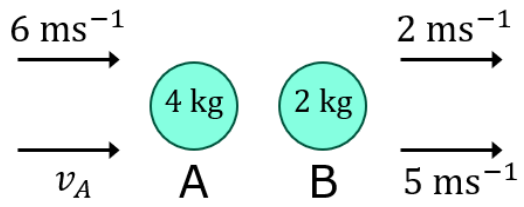
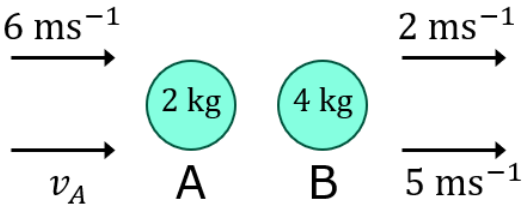
Momentum and Collisions

Given each of the isolated systems where particles A and B collide, find any missing velocities and calculate the impulse exerted on particle B by particle A.

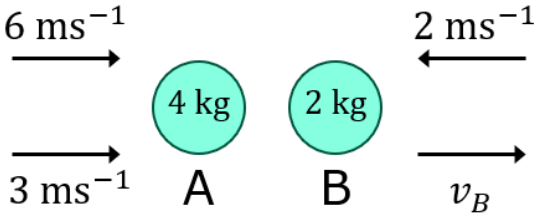
(a)



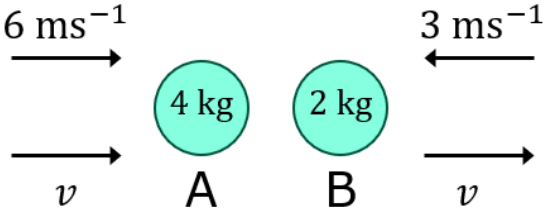
(b)



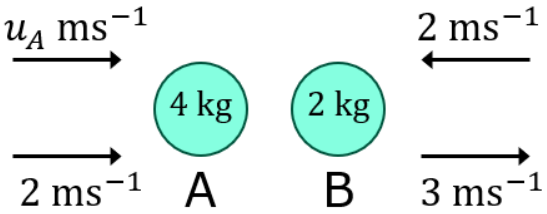
(c)



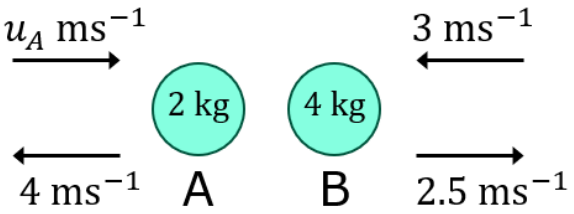
(d)



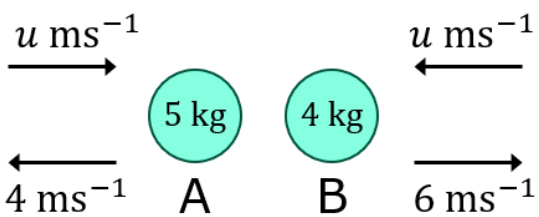
(e)



(f)



(g)



(h)