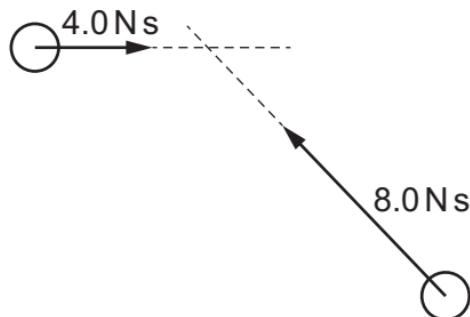


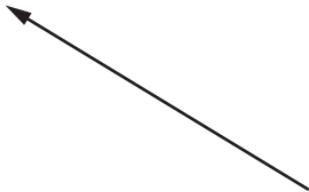
- 10 The diagram shows the view from above of two balls moving along a horizontal frictionless surface before they collide. The momentum of each ball is also shown.



The balls stick together during the collision.

Which vector diagram represents the combined momentum of the balls after the collision?

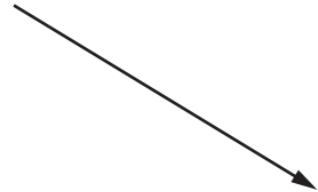
A



B



C



D

