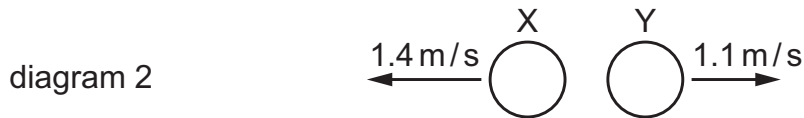
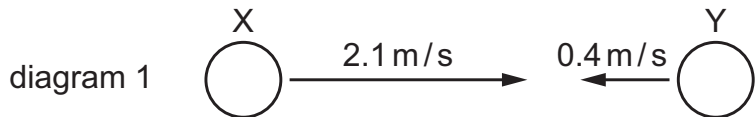


- 6 Diagram 1 shows a ball X of mass 0.15 kg travelling horizontally with a velocity of 2.1 m/s towards ball Y travelling at 0.4 m/s in the opposite direction.

Diagram 2 shows the velocities of the balls immediately after they collide.



What is the mass of ball Y?

- A** 0.15 kg **B** 0.19 kg **C** 0.35 kg **D** 0.79 kg