

9 Two balls of identical shape and size but different masses are falling through the same liquid.

The sum of the drag force and upthrust acting on each ball is equal to its weight.

Which statement about the two balls is correct?

- A** The heavier ball has a larger acceleration than the lighter ball.
- B** The heavier ball has a smaller deceleration than the lighter ball.
- C** The heavier ball is falling at the same speed as the lighter ball.
- D** The heavier ball is falling at a larger speed than the lighter ball.