

- 9** A party balloon is filled with air and held stationary at a height of several metres above the ground. The balloon is then dropped in still air.

Which statement describes the motion of the balloon from the moment of release until just before it hits the floor?

- A** The balloon decelerates continuously.
- B** The balloon falls at a constant speed and then decelerates.
- C** The balloon falls at a constant speed.
- D** The balloon initially accelerates and then reaches a constant speed.