

- 13** A rigid sphere is held at rest on the sea bed. When the sphere is released, it rises to the surface of the sea. The seawater has a uniform density.

Which statement about the sphere, from its release until it reaches the surface, is correct?

- A** The sphere always moves with constant acceleration.
- B** The sphere always moves with constant velocity.
- C** The upthrust on the sphere always decreases.
- D** The upthrust on the sphere is always constant.