

17 A ball is thrown vertically upwards from the surface of the Earth.

Which statement describes the energy of the ball as it rises through the air?

- A The kinetic energy of the ball decreases as the gravitational potential energy decreases.
- B The kinetic energy of the ball decreases as the gravitational potential energy increases.
- C The kinetic energy of the ball increases as the gravitational potential energy decreases.
- D The total energy of the ball increases.