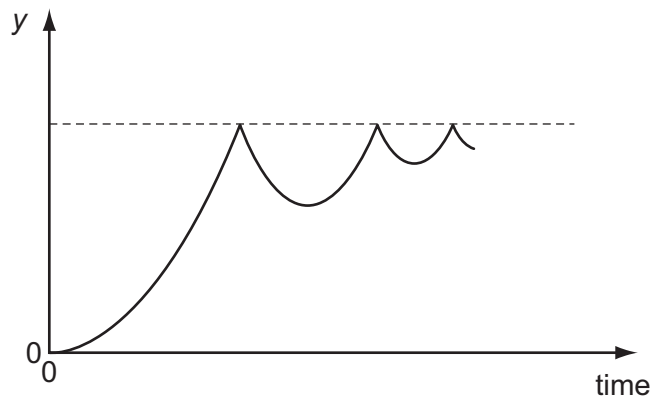


- 8 A ball is released from rest above a horizontal surface and bounces several times.

The graph shows how, for this ball, a quantity  $y$  varies with time.



What is the quantity  $y$ ?

- A acceleration
- B displacement
- C kinetic energy
- D velocity

- 9 A strong wind of speed  $22 \text{ m s}^{-1}$  blows against a wall. The density of the air is  $1.2 \text{ kg m}^{-3}$ . The wall