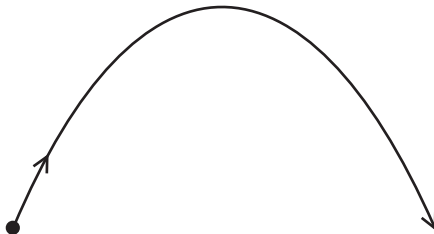


- 8 A stone is thrown upwards and follows a curved path.



Air resistance is negligible.

Why does the path have this shape?

- A** The stone has a constant horizontal acceleration and constant vertical velocity.
- B** The stone has a constant horizontal velocity and constant vertical acceleration.
- C** The stone has a constant upward acceleration followed by a constant downward acceleration.
- D** The stone has a constant upward velocity followed by a constant downward velocity.