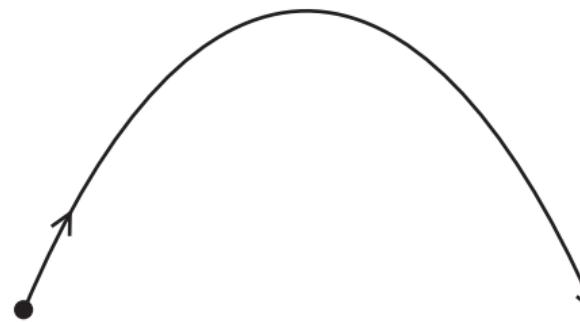


- 7 A stone is thrown upwards and follows a curved path.



Air resistance is negligible.

Why does the path have this shape?

- A The stone has a constant horizontal velocity and constant vertical acceleration.
- B The stone has a constant horizontal acceleration and constant vertical velocity.
- 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.

- 8 Which graph represents the motion of a car that is travelling along a straight road with a speed