

- 7** A stone is thrown vertically upwards from a point that is 12 m above the sea. It then falls into the sea below after 3.4 s.

Air resistance is negligible.

At which speed was the stone released when it was thrown?

- A**  $3.5 \text{ m s}^{-1}$       **B**  $6.6 \text{ m s}^{-1}$       **C**  $13 \text{ m s}^{-1}$       **D**  $20 \text{ m s}^{-1}$