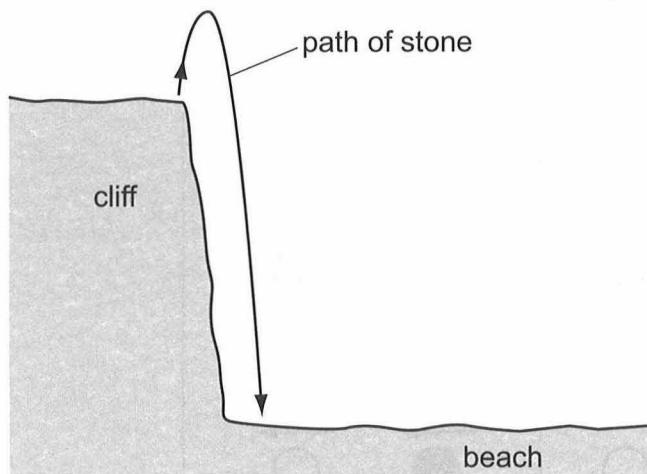


- 4 A stone is thrown upwards from a point at the edge of a cliff. After the stone has reached its maximum height, it falls past the cliff edge to the beach, as shown.



The initial vertical component of the velocity of the stone is 10 m s^{-1} . The time taken between the stone passing the edge of the cliff on its way down and hitting the beach is 1.2 s.

Ignoring air resistance, what is the height of the cliff?

- A 5m B 7m C 12m D 19m