

- 2** A stone is thrown with a velocity of 12 m s^{-1} at an angle of 25° above the horizontal. What is the magnitude of the change in velocity from its starting point to the highest point in its path?

A 1.1 m s^{-1}

D 12 m s^{-1}

B 5.1 m s^{-1}

C 5.8 m s^{-1}