

- 5** A projectile is launched at an angle of 25° to the horizontal with a horizontal component of velocity of 13 m s^{-1} .

What is the vertical component of the velocity of the projectile when it is launched?

- A** 5.5 m s^{-1} **B** 6.1 m s^{-1} **C** 12 m s^{-1} **D** 14 m s^{-1}