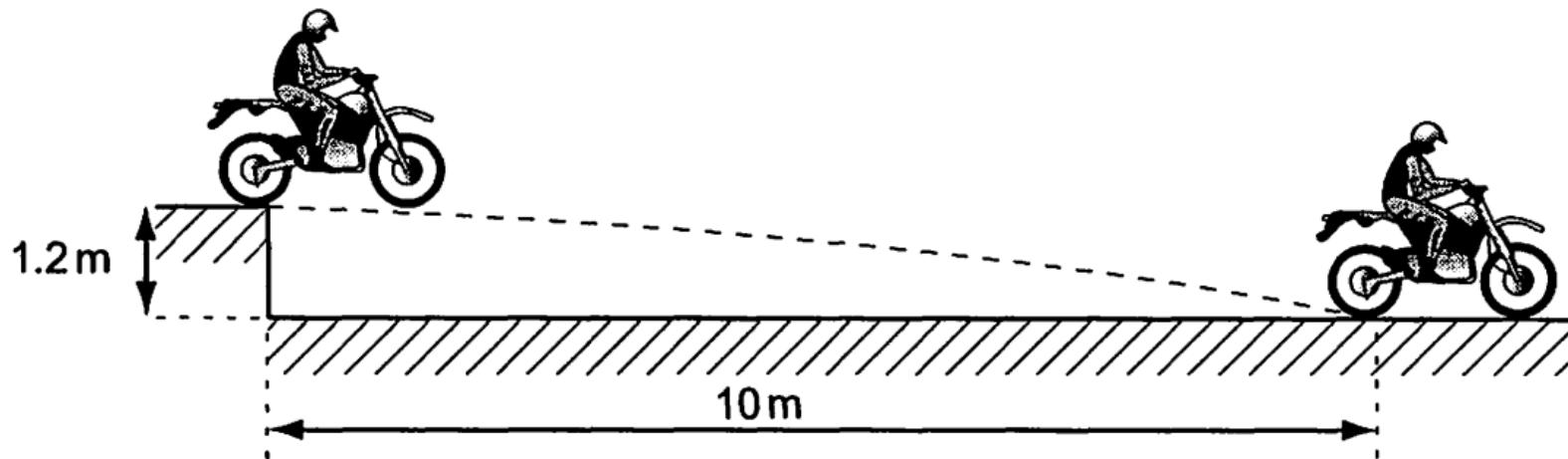


- 6 A motorcycle stunt-rider moving horizontally takes off from a point 1.2 m above the ground, landing 10 m away as shown.



The air resistance on the motorcyclist is negligible.

What was the speed at take-off?

- A  $5\text{ ms}^{-1}$       B  $10\text{ ms}^{-1}$       C  $15\text{ ms}^{-1}$       D  $20\text{ ms}^{-1}$