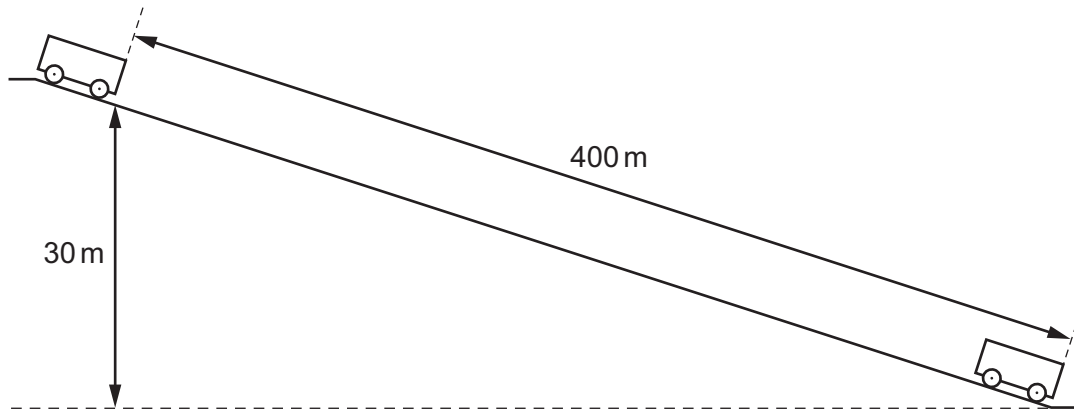


- 19** A truck of mass 500 kg moves from rest at the top of a section of track 400 m long and 30 m high, as shown. The frictional force acting on the truck is 250 N throughout its journey.



What is the final speed of the truck?

- A** 14 m s^{-1} **B** 24 m s^{-1} **C** 31 m s^{-1} **D** 190 m s^{-1}