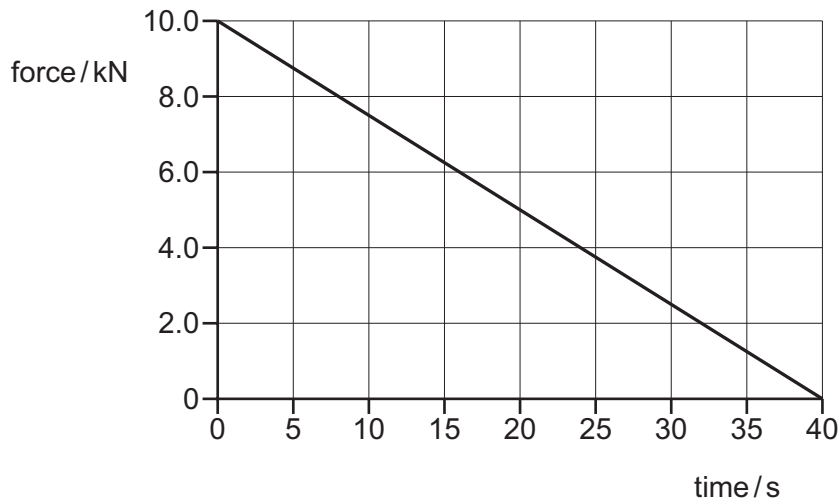


- 11** A glider of mass 1500 kg is launched from rest on a straight and level track using a catapult. The graph shows the variation with time of the resultant force.



What is the speed of the glider when the resultant force acting on it reaches zero?

- A** 133 ms^{-1} **B** 200 ms^{-1} **C** 250 ms^{-1} **D** 267 ms^{-1}

- 12** Which statement about a ball that strikes a tennis racket and rebounds is always correct?