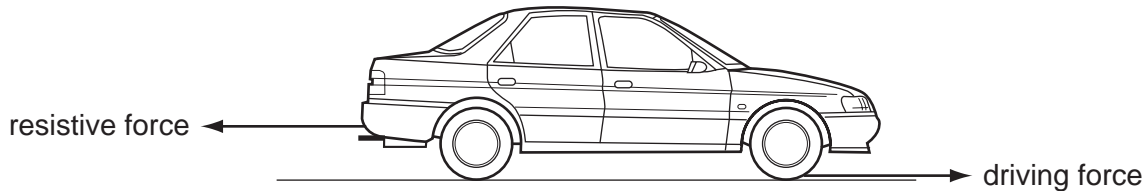


- 11** A car of mass 750 kg has a horizontal driving force of 2.0 kN acting on it. It has a forward horizontal acceleration of  $2.0 \text{ m s}^{-2}$ .



What is the resistive force acting horizontally?

- A** 0.5 kN                      **B** 1.5 kN                      **C** 2.0 kN                      **D** 3.5 kN

- 12** A ball is falling at terminal speed in still air. The forces acting on the ball are upthrust, viscous