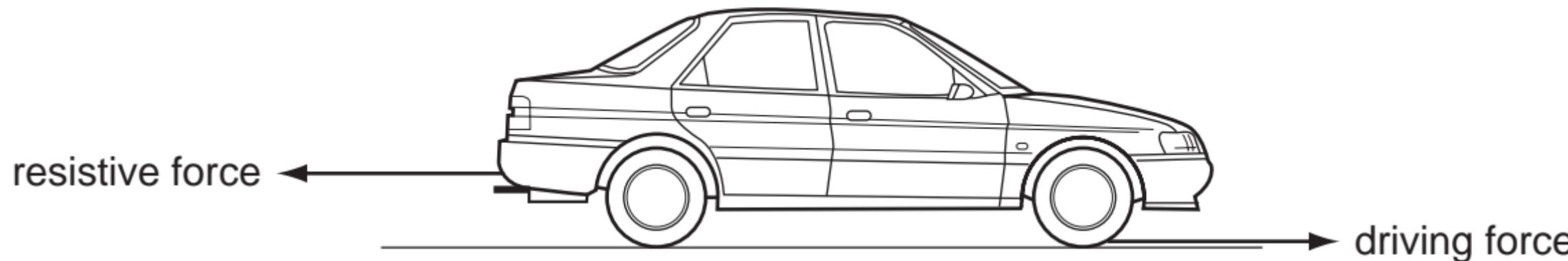


- 11 A car of mass 750 kg has a horizontal driving force of 2.0 kN acting on it. It has a forward horizontal acceleration of 2.0 ms^{-2} .



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 unbalanced, viscous.