

# Solutionbank M1

Heinemann Modular Maths for Edexcel AS and A-level

## 5 Newton's laws of motion

### Exercise A, Question 3

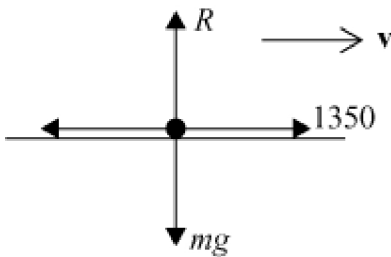
#### Question:

A lorry travels along a horizontal road with constant velocity. If the force which the engine exerts is 1350 N, what is the magnitude of the resistive force on the lorry?

#### Solution:

$$\text{Newton 1, } \rightarrow 1350 - F = 0$$

$$\therefore F = 1350 \text{ N}$$



© Harcourt Education Ltd 2005