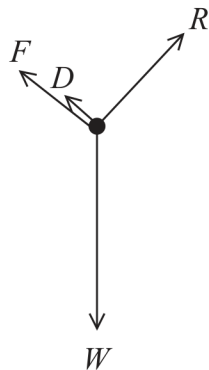


- 2 A box was placed at the top of a ramp and released.

The free-body force diagram for the box as it moved down the ramp at a constant velocity is shown.



D = air resistance

F = frictional force

R = normal contact force

W = weight of the box

Which two forces acting on the box have, according to Newton's third law, corresponding forces acting on the ramp?

- ☐ A F and D
- ☐ B F and R
- ☐ C W and D
- ☐ D W and R

(Total for Question 2 = 1 mark)