

Numericals

Practice. Learn. Succeed

Sub : Science

Grade: IX

Date:

Name:

ID No.....

1. A girl of mass 50 kg jumps out of a running boat of mass 300 kg on to the bank, with a horizontal velocity of 3 m/s. With what velocity does the boat begin to move backwards?

2. How much force is needed to produce an acceleration of 16 cm/s^2 in a body of mass 250 g?

3. A body of mass 1 kg is kept at rest. A constant force of N starts acting on it. Find the time taken by the body to move through a distance of 12 m.

4. A force of 10 N acts on a body of mass kg . Find the acceleration of the body.
