Physics 0

Homework

Week 7

Teacher: Sayan Chakraborti

Student:

Newton's Second Law of Motion

Two cars A and B, have masses of 2000 g and 3000 kg respectively. They both start with 0 velocity and accelerate up to a speed of 30 m/s in 10 seconds.

- 1. Argue which car should need a bigger force?
- 2. Now calculate the actual forces needed using Newton's second Law.