Formulas needed:
p=mv
momentum= mass x velocity

1. A car has a momentum of 15 000 kg·m/s. What will the car's new momentum be if its mass is doubled (by adding more passengers and a greater load) and it travels at the same velocity?

2. A car has a momentum of 60 000 kg·m/s and a mass of 2 000 kg. What is the velocity?

3. What is one real-world example of momentum being conserved in a collision?

To find the steps for solving problems on conservation of linear momentum, go on lms.com while connected to the network -> Mind the Gap Study Guides -> Subject Guides -> English -> MTG Physics G12