

## Exercise 1 Level 1

### The Faster You Go, the More Fuel You Consume!

Whether you're talking about a scooter, a motorbike, a car, a plane or a motorboat, fuel consumption rises with speed. For two-wheelers and cars, other factors push up fuel consumption too, such as under-inflated tires and heavy loads (especially if they're placed on the roof of the car and increase its air resistance, or "drag").

The table below shows an average car's fuel consumption in liters (L) when driving 100 kilometers (km) on a flat road.

Speed	70 km/h	100 km/h	130 km/h
Consumption (per 100 km)	6 L	8 L	12 L

#### Question

**To go from 70 kilometers per hour (km/h) to 100 km/h, i.e., 30 km/h faster, you consume 2 liters more of fuel. So, to go from 100 km/h to 130 km/h - another 30 km/h faster - how much more fuel will you consume?**

#### Answer

*4 liters more. That's double what it took to get from 70 km/h to 100 km/h.*