

Volume and distance

This task is about converting gallons and miles to litres and kilometres.

Lia is driving a car that shows gallons on the fuel gauge and miles per hour on the speedometer. It travels 30 miles per gallon of petrol. Lia wants to know how many kilometres per litre this is.

Handy Hints: 600 ml = 1 pint (approximately)
 8 pints = 1 gallon
 30 miles = 50 kilometres (approximately)
 1000 ml = 1 litre

Use these handy hints to answer the following questions.

a) How many kilometres does Lia's car travel on 1 gallon of petrol? km

b) How many millilitres in 1 gallon? ml

c) How many litres in 1 gallon? litres

d) How many kilometres does Lia's car travel on 1 litre of petrol? km

e) How many litres of petrol will her car use for 100 kilometres? litres

Published on <https://newzealandcurriculum.tahurangi.education.govt.nz>