

## ? What's the Problem?

A woman came to a farmer and wanted to buy two litres of milk.

The farmer only had a 3-litre jug and a 4-litre jug.

How could the farmer measure out the milk for the woman?



## ⚙️ The Puzzler

Imagine a jug of water. If you double all the jug's measurements, how much water would it hold?



## 🧪 Focus on Science



Investigate the statement above.  
Be prepared to justify your answer.

## 🔍 Let's Investigate

Measure a litre of water.

Estimate how much it will weigh.

Now check its weight.

How accurate was your estimate?

Repeat, measuring a litre of something else.

Do you think it will weigh more or less than a litre of water? Why?



## 🏠 At Home

Do not open any of the containers in this activity and wash your hands afterwards.

Look around your home for different containers that hold liquid.

Good places to look include the bathroom and kitchen. If you have a laundry room, a garage or a shed, then these are also good places to look.

Look at the units that the contents of the containers are measured in.

Draw up a list similar to the one on the right.

more than 1 litre	
501 ml to 1 litre	
250 ml to 500 ml	
less than 250 ml	

