

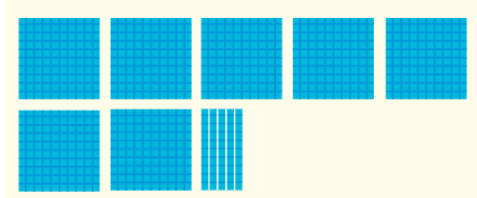
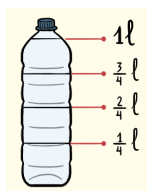
Maths - Year 3

Measurement 6: Measuring and calculating with litres and millilitres

Key Vocabulary		Mathematical Skills
Litres (l)	A unit used to measure	<ul style="list-style-type: none"> - Understand that there are 1000ml in 1l and use this to solve addition and subtraction problems. - Measure the volume of liquid in a container to the nearest appropriate interval on a scale. - Accurately read and measure with a scale on a measuring jug or equivalent. - Combine units of millilitres and litres when calculating. - Use knowledge of multiplication to solve problems involving volume and capacity.
Millilitres (ml)	A unit used to measure capacity. 1000ml = 1l	
Capacity	How much a container can	
Volume	How much space something takes up.	

Mathematical Methods

- Reading a scale in millilitres.
- Converting fractions of a litre to millilitres.



$\frac{1}{2}$ litre = 500ml
 $\frac{1}{4}$ litre = 250ml
 $500\text{ml} + 250\text{ml} = 750\text{ml}$ ($\frac{3}{4}$ litre)

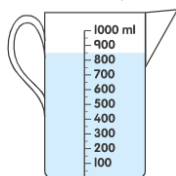
- Adding and subtracting volumes of liquid e.g. $600\text{ml} + 400\text{ml} = 1000\text{ml}$ (1l).
- Mixed units of litres and millilitres e.g. adding up the total amount of milk if you drink 200ml each day.



1 day = 200ml	5 days = 1l
2 days = 400ml	6 days = 1l 200ml
3 days = 600ml	7 days = 1l 400ml
4 days = 800ml	

Can you..?

- How much liquid in the jug?



300ml	600ml	$\frac{1}{4}$ l
$\frac{3}{4}$ l	999ml	$\frac{1}{2}$ l

- Put these amounts in order, starting with the smallest:

- Max drinks a 150ml glass of water, 4 times a day. How much is that altogether?
- Sami drinks 300ml milkshake every day. How much milkshake will Sami drink in a week?
- A pan hold 3 litres. How many millilitres is that?