

# Diving into Mastery - Diving

## Adult Guidance with Question Prompts

Which is more, one millilitre or one litre?

How many millilitres are in one litre?

How can we tell if we would measure the capacity of a container in litres or millilitres?

Which of these would you measure in litres?

Which would you measure in millilitres?

How many litres of water are in each of these buckets?

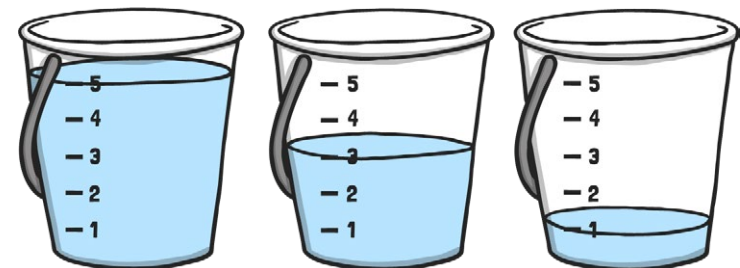
## Litres



Write 'ml' on the containers you would measure the capacity of in millilitres and 'l' on the ones you would measure in litres.



How many litres of water are in each of these buckets?



# Diving into Mastery - Deeper

## Adult Guidance with Question Prompts

How much can the blue bucket hold?

Do you think the metal bucket will hold more or less water?

Why?

Could it hold ten litres? Why not?

Is it more likely to hold one litre or two litres?

Why do you think that?

## Litres



The blue bucket holds 5 litres of water. 3 children are estimating the capacity of the metal bucket.



2 litres

10 litres

1 litre



Whose estimate is the closest?

Explain your answer.

# Diving into Mastery - Deepest

## Adult Guidance with Question Prompts

Children will need to use their two, five and ten times table facts to help solve the following problems.

How many litres does it take to fill the paddling pool?

How many 5l buckets will it take to fill it?

Can you write a calculation?

What operation will you use?

$55l \div 5l = ?$  or  $5l \times ? = 55l$

How can you calculate the answer?

Is there a fact you know that will help you?

How many litres are there in five 2l bottles?

Can you write a calculation?

$2 \times 5l = ?$

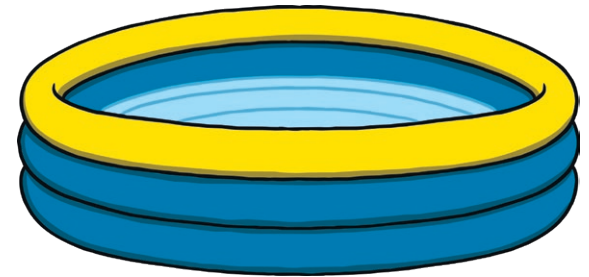
If the kitchen orders that much milk every day from Monday to Friday, how many litres will they buy altogether?

$5 \times 10l = ?$

## Litres

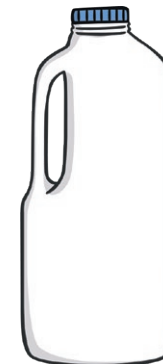


It takes 55 litres of water to fill the paddling pool. My bucket holds 5 litres. How many bucketfuls of water will I need to fill the pool?



The school kitchen staff order milk in 2-litre bottles. They buy 5 bottles a day.

How many litres of milk is that?



How many litres would the kitchen need for Monday to Friday?