

# LO: I Can compare and order capacity using ml and l

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## Vocabulary activity: What do these words mean?

**Compare-**

To find what is similar and what is different between two or more things.

**Order-**

To put a set of things into groups or sequence.

# Teach

## Capacity

tells us how much liquid can  
be held in a container.

## Volume

tells us how much space the  
liquid occupies.



# Teach

Which units do  
we use to  
measure **capacity**  
and **volume**?

# Teach



Look at the measuring jug. There are **1,000 millilitres (ml)** in **1 litre (L)**.

# Model

**Millilitres (ml)** are used for measuring a small capacity or volume.



Medicine



A bottle of water

# Model

**Litres (L)** are used for measuring a large capacity or volume.



Petrol



Bucket

# Model

When we are counting in millilitres, we call 1,000 millilitres 1 litre.

997ml

998ml

999ml

1L=1000ml



# Model

After this, we can measure in a mixture of litres and millilitres. Here is an example where we can see an increase of 100ml each time.

1L

1L 100ml

1L 200ml

1L 300ml

Can you continue?

# Model

We can show this on a number line or counting stick.  
Here is a counting stick which **increases** by 200ml each time.

200ml	400ml	600ml	800ml	1L	1L 200ml	1L 400ml	1L 600ml	1L 800ml	2L
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What would come next?

# Model

Which is larger?

20 litres

20  
millilitres

# Model

20 litres is larger, because litres are 1,000 times larger than millilitres.

20 litres

20  
millilitres

# Apply

Which is larger?

100 litres

100  
millilitres

## Apply: How did you do?

100 litres is larger.

100 litres

100  
millilitres

# Apply

Which is larger?

1 litre

1 litre 200  
millilitres

## Apply: How did you do?

1 litre 200 millilitres is larger.

1 litre

1 litre 200  
millilitres



# Apply

Which is larger?

100 litres

100  
millilitres

## Apply: How did you do?

100 litres is larger.

100 litres

100  
millilitres

# Apply

Which is larger?

500  
millilitres

5 litres

## Apply: How did you do?

5 litres is larger.

500  
millilitres

5 litres

# Apply

Put these measurements into  
**ascending order.**

A Up

100 ml

10 L

1 L

## Apply: How did you do?

Here are the capacities in  
**ascending order.**

100 ml

1 L

10 L

# Apply

Put these measurements into  
**ascending order.**

1 litre 900  
millilitres

2 litres

1 litre 100  
millilitres

## Apply: How did you do?

Here are the capacities in  
**ascending order.**

1 litre 100  
millilitres

1 litre 900  
millilitres

2 litres



# Apply

Which container has the largest capacity?

Container	Capacity
A	10 millilitres
B	10 litres
C	100 millilitres
D	1 litre

# Apply: How did you do?

Container B has the largest capacity.

Container	Capacity
A	10 millilitres
B	10 litres
C	100 millilitres
D	1 litre

# Apply

Rachael has painted a room in her house. She started with the same amount of white and yellow paint. She now has 4 litres 300 millilitres of white and 8 litres of yellow left over.

Which colour did she use more of?  
Explain your answer.



## Apply: How did you do?

Rachael has painted a room in her house. She started with the same amount of white and yellow paint. She now has 4 litres 300 millilitres of white and 8 litres of yellow left over.

Which colour did she use more of?  
Explain your answer.



She must have used more white, as she has less of it left over. 4L 300ml is less than 8L.

# Apply

Here is a list of ingredients for watermelon lemonade.

Ingredient	Volume
Sparkling water	1 litre
Watermelon juice	300 millilitres
Lemon juice	100 millilitres
Honey	20 millilitres

What is the main ingredient?  
Explain your answer.

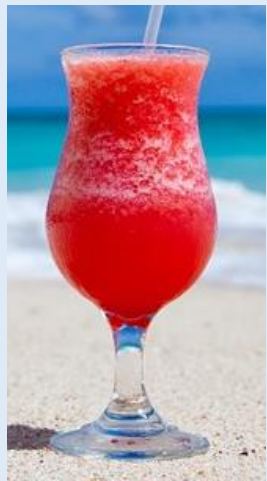


## Apply: How did you do?

Here is a list of ingredients for watermelon lemonade.

Ingredient	Volume
Sparkling water	1 litre
Watermelon juice	300 millilitres
Lemon juice	100 millilitres
Honey	20 millilitres

Sparkling water is the main ingredient because 1L is the largest volume.



# Reflect/ Remember



Which is larger, a tonne of feathers or a tonne of bricks?