

Dear Parents/Carers,  
This powerpoint takes the children through the learning sequence. If possible please talk through the slides with your child and check their understanding. The slides start at a basic level to re-cap previous learning.

# Mass, Capacity and Temperature

13.5.20

13.5.20

LO: I can measure in litres



# Mathematical Vocabulary

**Capacity** is the amount something can hold.

**Volume** is the amount of something in the container.

Try this out at home -

Get a jug. How many **millilitres (ml)** does the jug hold? This is the **capacity**.

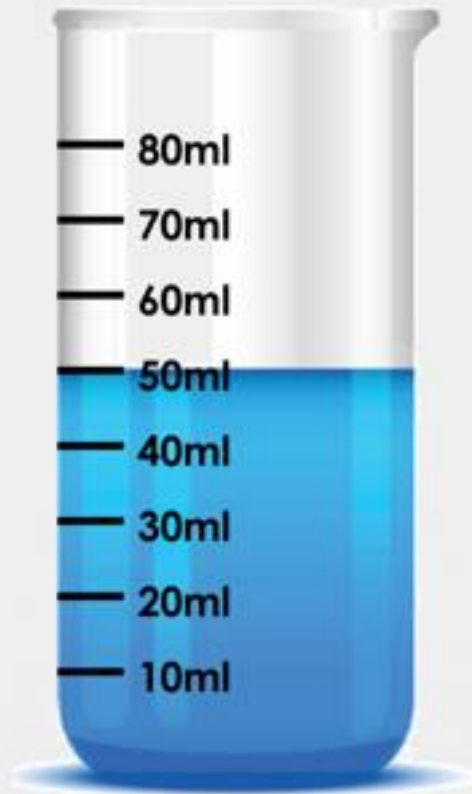
Fill the jug with 250ml of water. This is the **volume**.

We measure liquid in **millilitres (ml)** and **litres (l)**.

There are 1000ml in 1l

# Starter

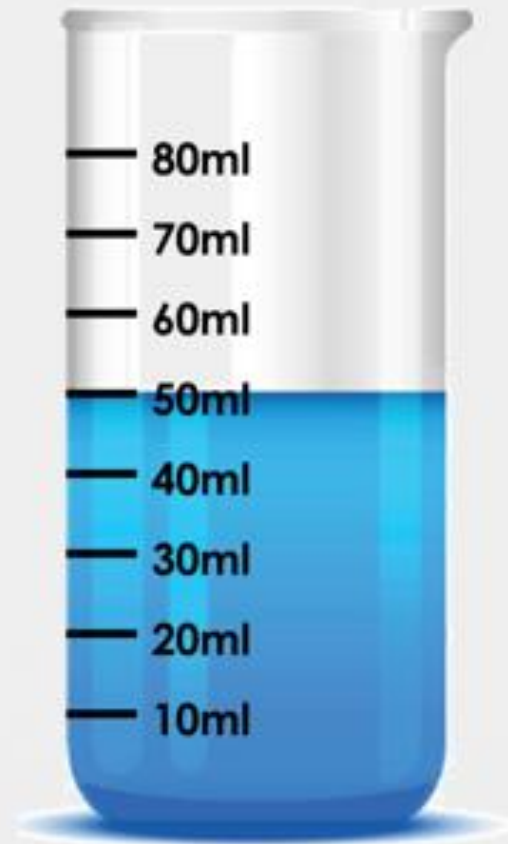
How many millilitres of liquid are in this container?



What is the greatest volume of liquid that could be measured in this container?

# Starter - answer

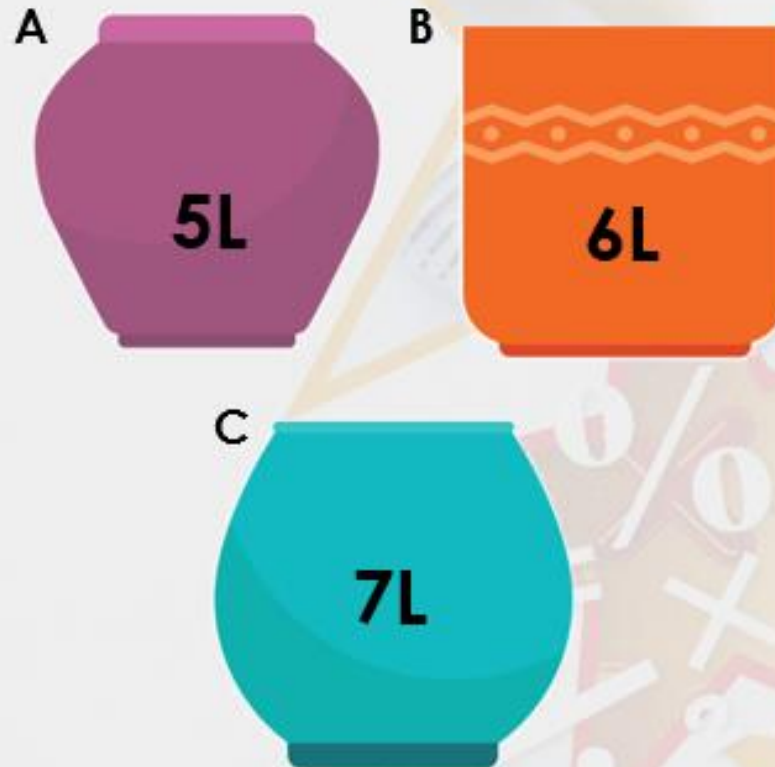
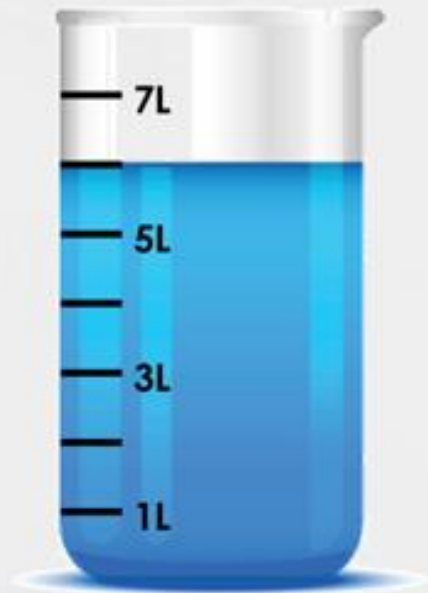
How many millilitres of liquid are in this container? **50ml**



What is the greatest volume of liquid that could be measured in this container? **80ml**

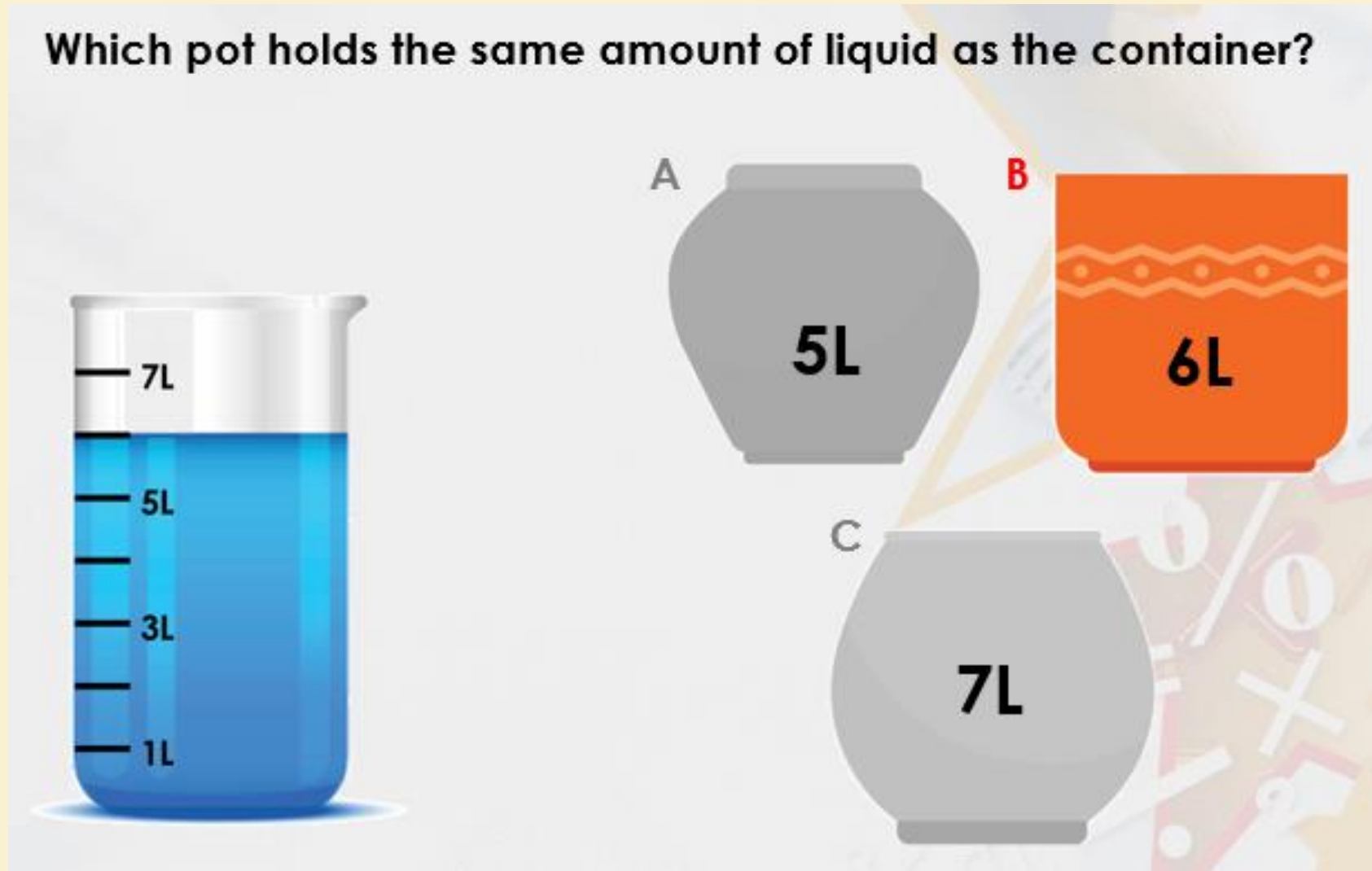
# Descriptive Teaching

Which pot holds the same amount of liquid as the container?



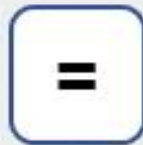
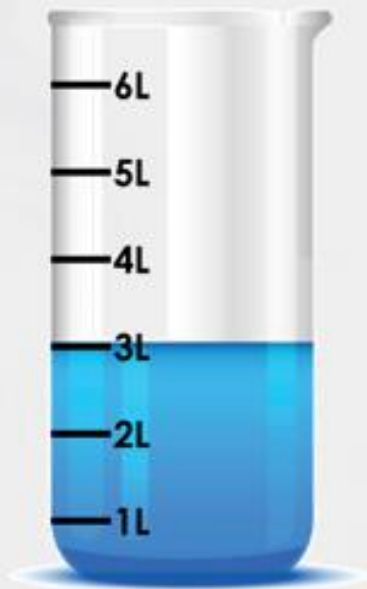
What are the missing increments on the jug?  
What is the volume of liquid in the jug?

# Descriptive Teaching - Answer



# Descriptive Doing

Complete the comparison by using the correct symbol from below.

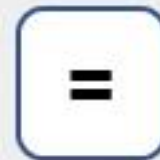
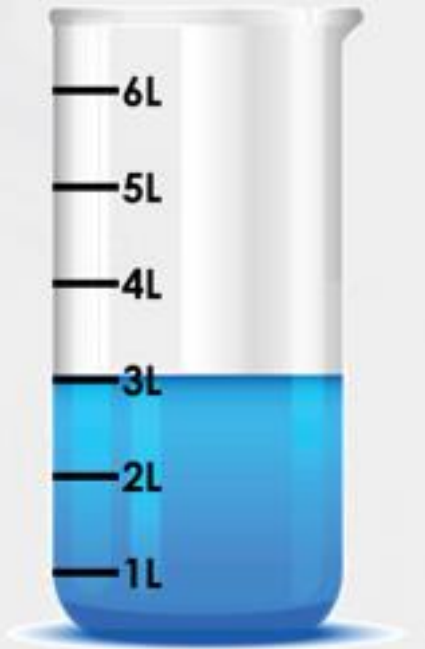


Which container has the biggest capacity?  
Write the problem in your book with the correct symbol.



# Descriptive Doing- Answers

Complete the comparison by using the correct symbol from below.



# Reflective Teaching

Estimate how much liquid is in container B.



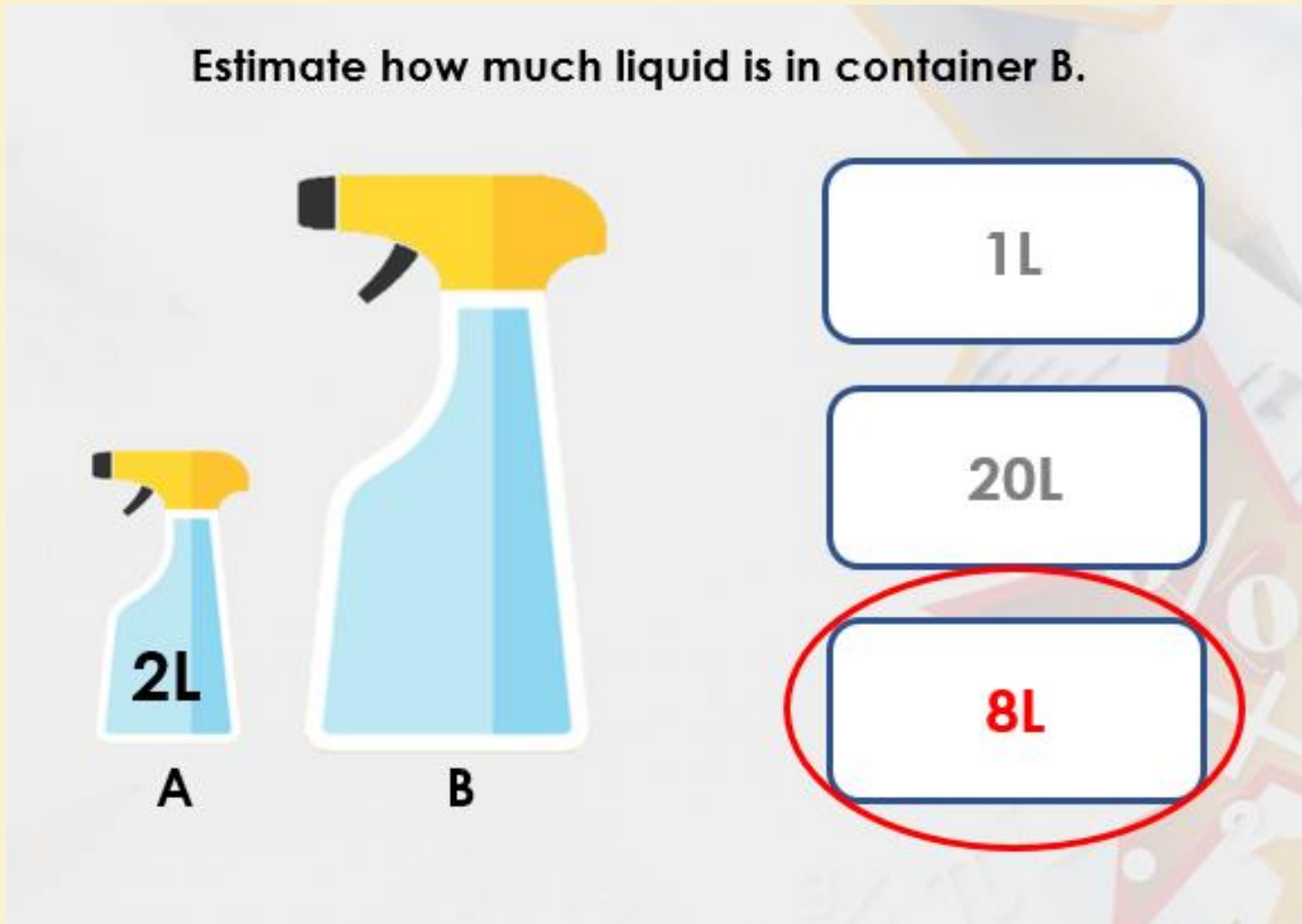
**1L**

**20L**

**8L**

Tell an adult your answer and explain why you think that.

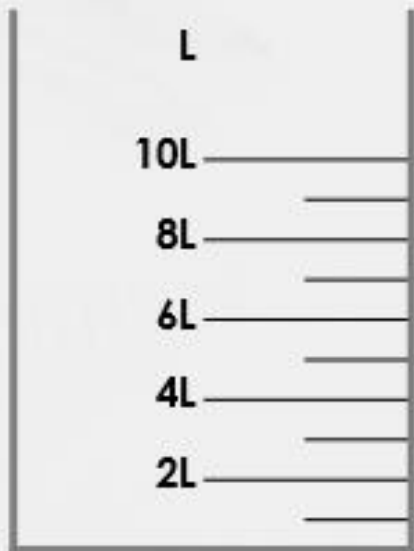
# Reflective Teaching - Answers



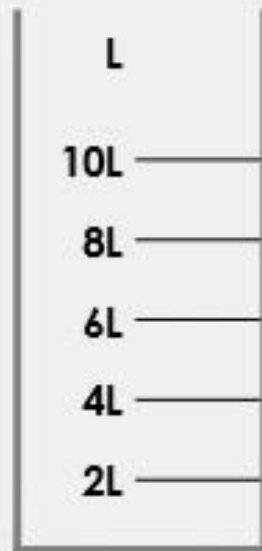
Container A is smaller than B, so it isn't 1L. Container B is too small though to hold 20L.

# Reflective Doing

Colour the containers up to the correct level.



**9L**



**10L**

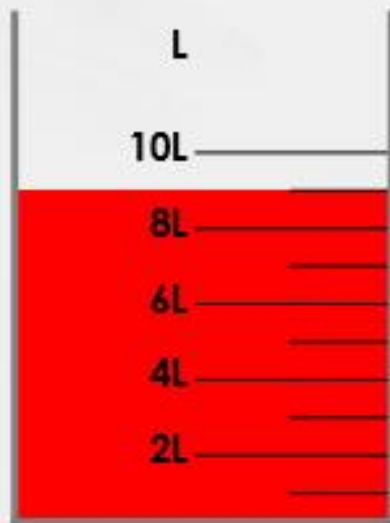


**4L**

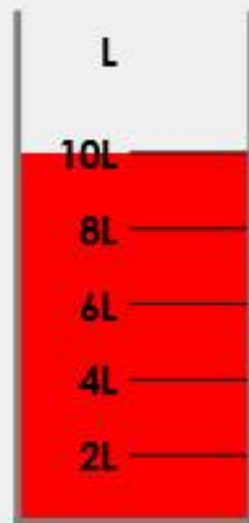
Draw the  
containers in your  
book and colour  
where the liquid  
would go to.

# Reflective Doing - Answers

Colour the containers up to the correct level.



**9L**



**10L**



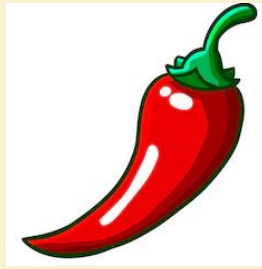
**4L**

# Independent work

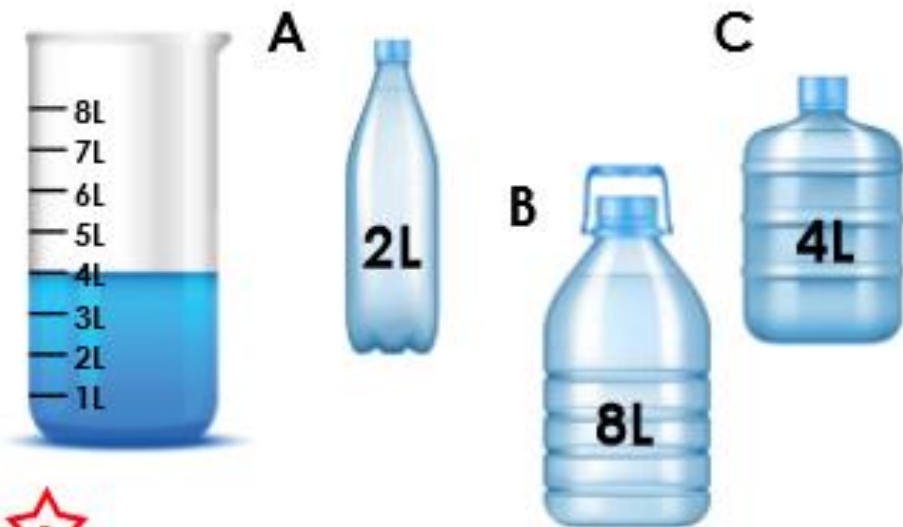
The following slides are questions for you to work through independently.

There are 3 sets of work - 1 chili (the easiest), 2 chilies, 3 chilies (the hardest). Choose one set you feel most comfortable with.

# Independent work

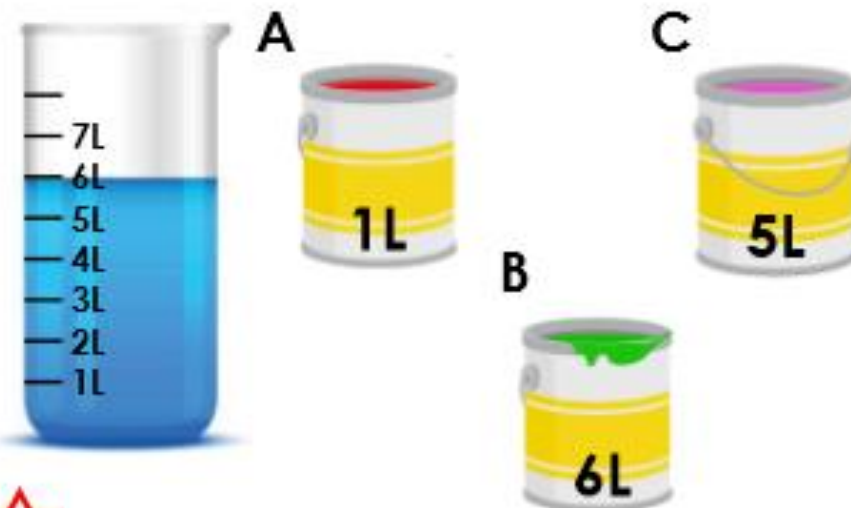


1a. Which bottle holds the same amount of liquid as the container?



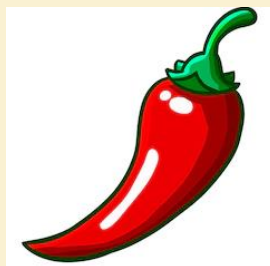
2 VF

1b. Which tin holds the same amount of liquid as the container?

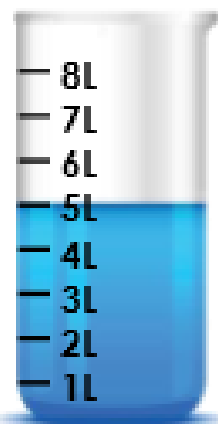
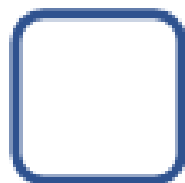


2 VF

# Independent work

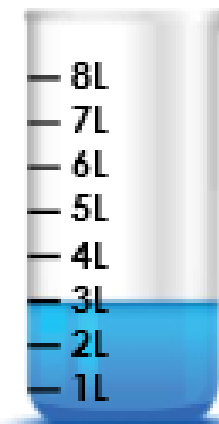


2a. Complete the comparison by using the correct symbol from below.



2 VF

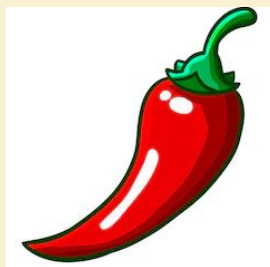
2b. Complete the comparison by using the correct symbol from below.



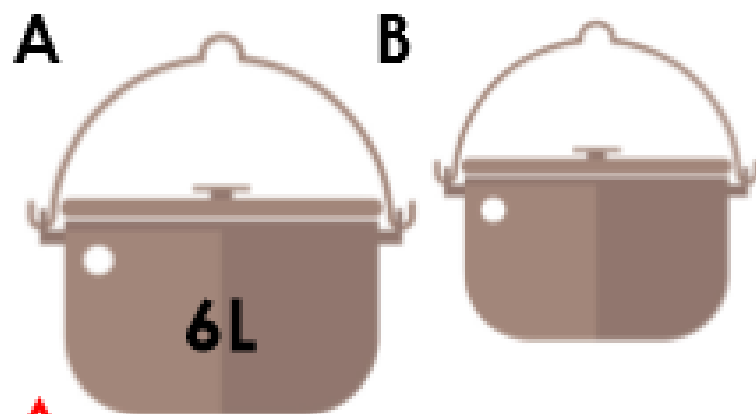
2 VF



# Independent work



3a. Estimate how much liquid is in container B.



3L

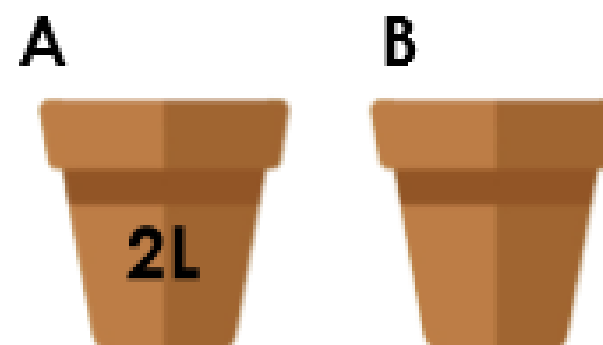
1L

10L



2 VF

3b. Estimate how much liquid is in container B.



2L

4L

6L

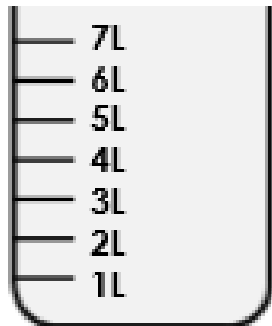


2 VF

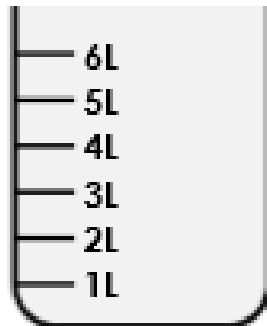
# Independent work



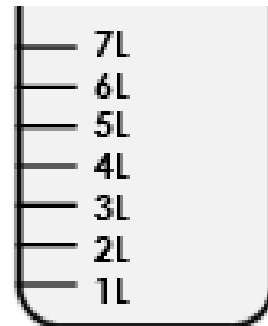
4a. Colour the containers below up to the correct level.



7L



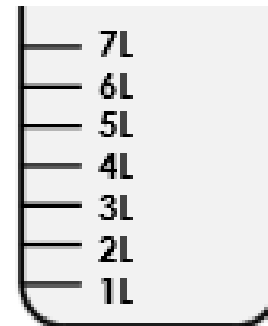
2L



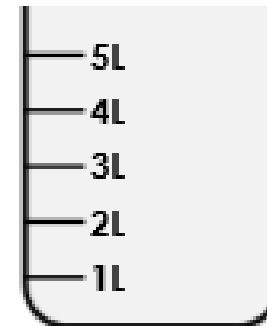
5L

2 VF

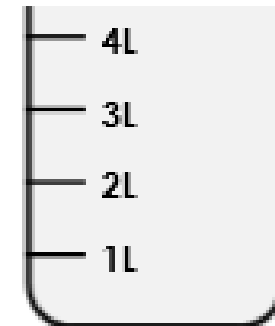
4b. Colour the containers below up to the correct level.



1L



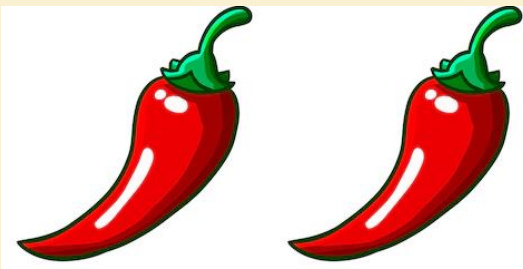
4L



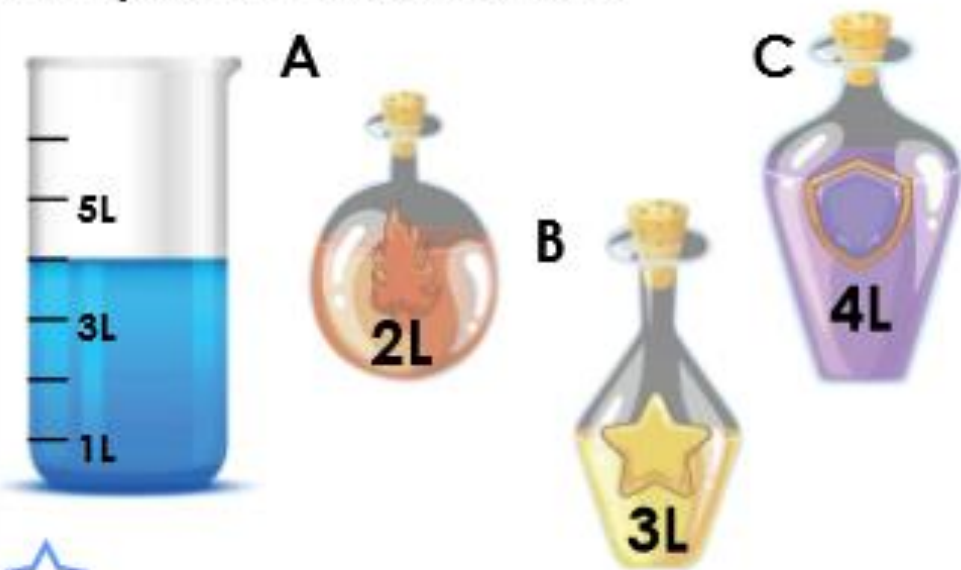
3L

2 VF

# Independent work

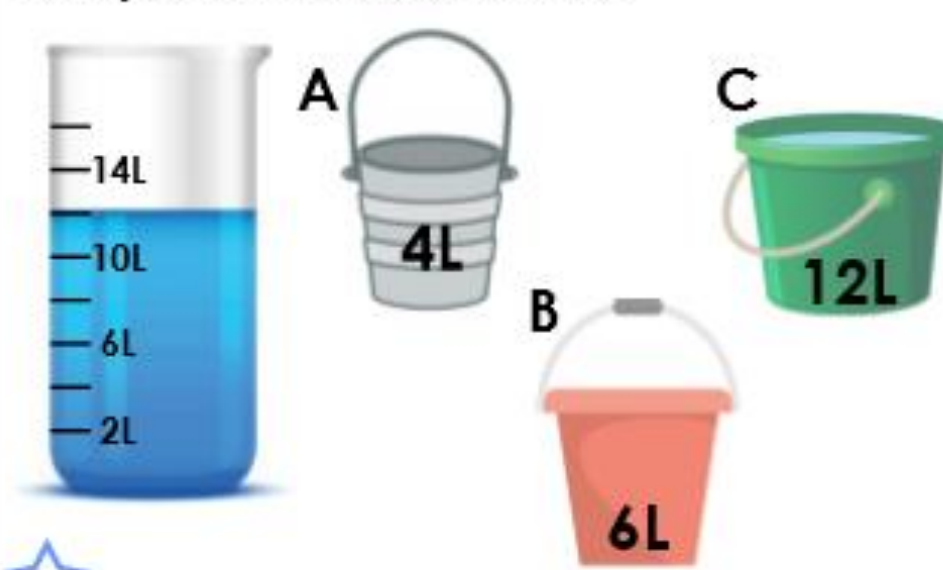


5a. Which bottle holds the same amount of liquid as the container?



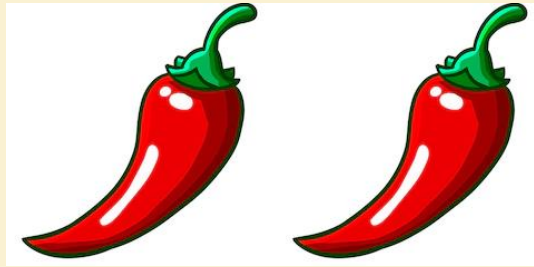
2 VF

5b. Which bucket holds the same amount of liquid as the container?

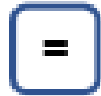


2 VF

# Independent work

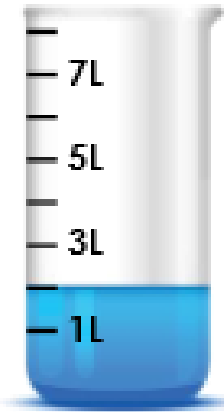


6a. Complete the comparison by using the correct symbol from below.



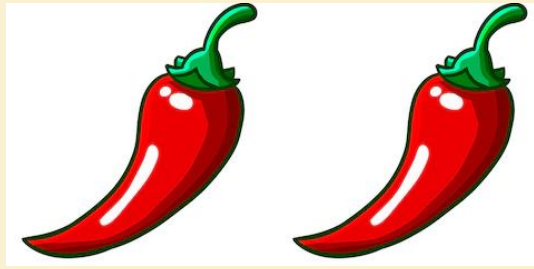
2 VF

6b. Complete the comparison by using the correct symbol from below.



2 VF

# Independent work



7a. Estimate how much liquid is in container B.

A



B



8L

18L

3L



2 VF

7b. Estimate how much liquid is in container B.

A



B



5L

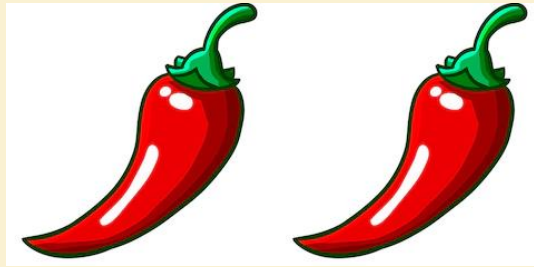
12L

1L

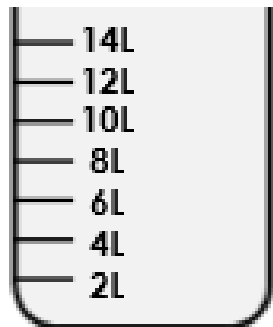


2 VF

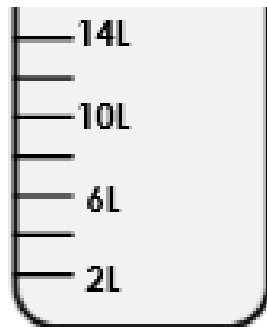
# Independent work



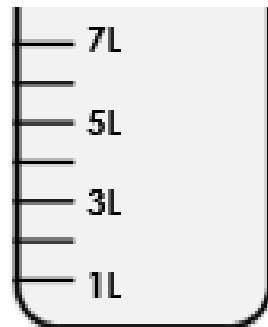
8a. Colour the containers below up to the correct level.



14L



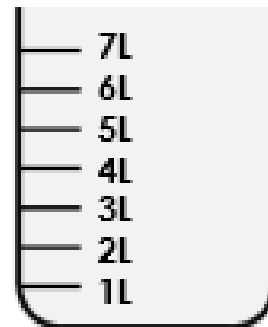
12L



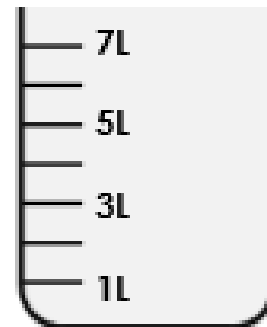
2L

2 VF

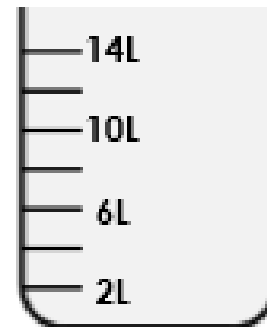
8b. Colour the containers below up to the correct level.



1L



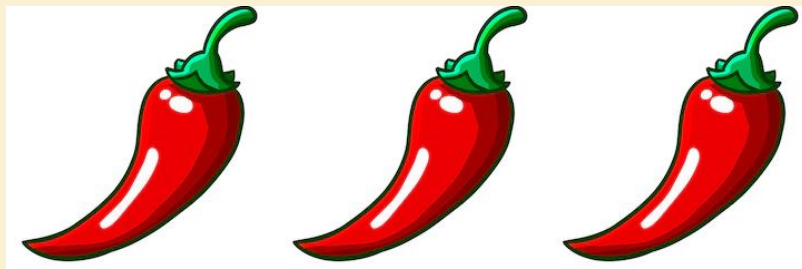
4L



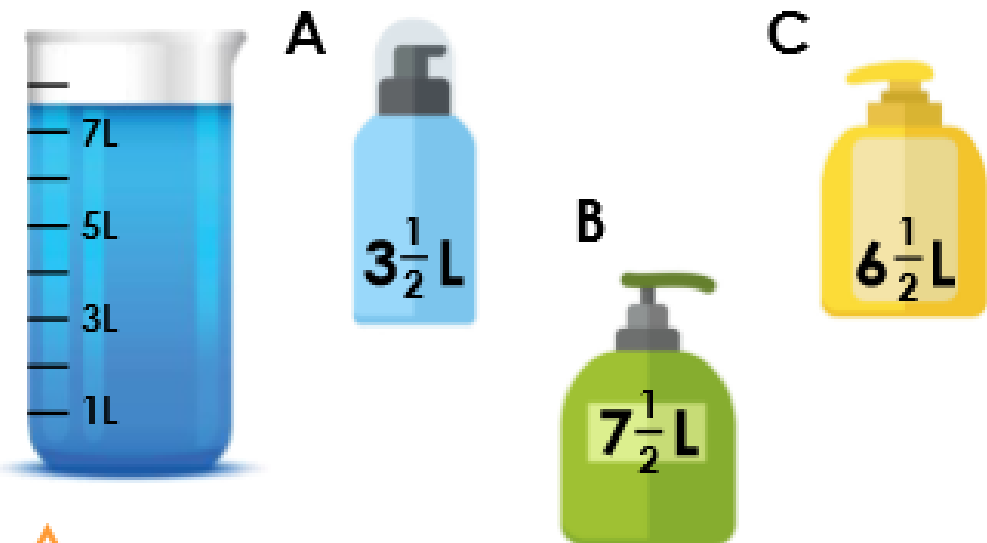
8L

2 VF

# Independent work

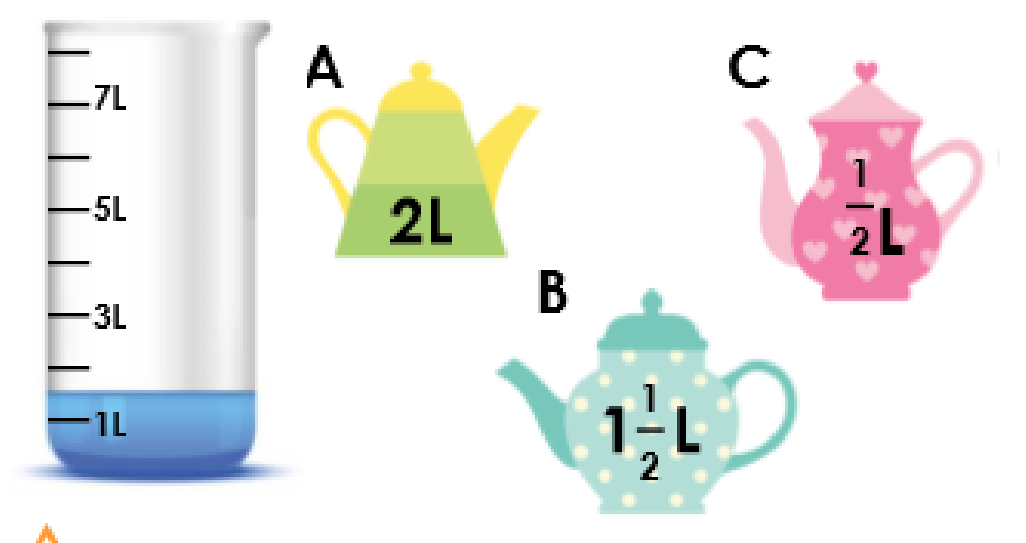


9a. Which bottle holds the same amount of liquid as the container?



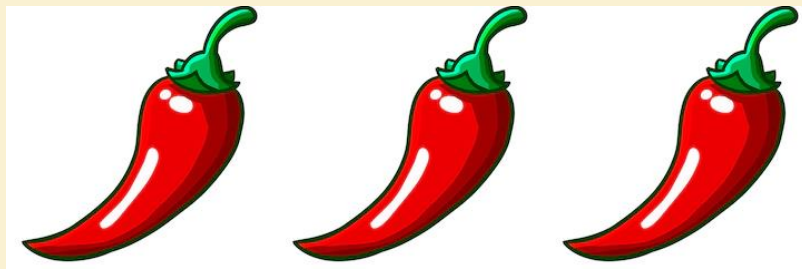
2 VF

9b. Which tea pot holds the same amount of liquid as the container?

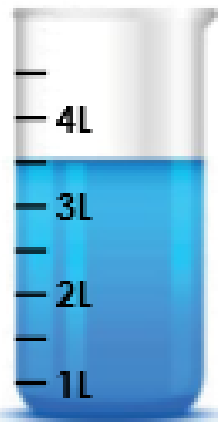
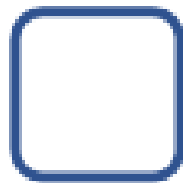
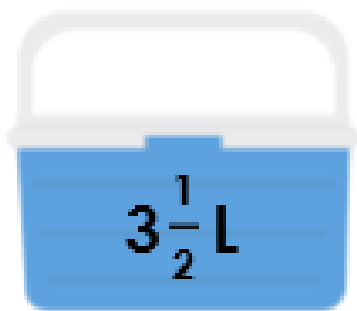


2 VF

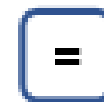
# Independent work



10a. Complete the comparison by using the correct symbol from below.

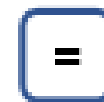
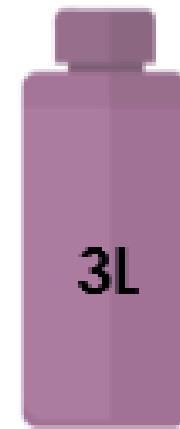
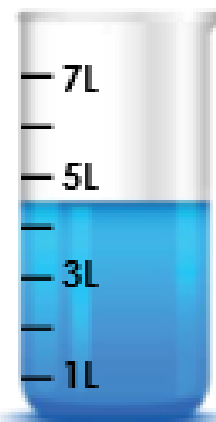


2 VF



2 VF

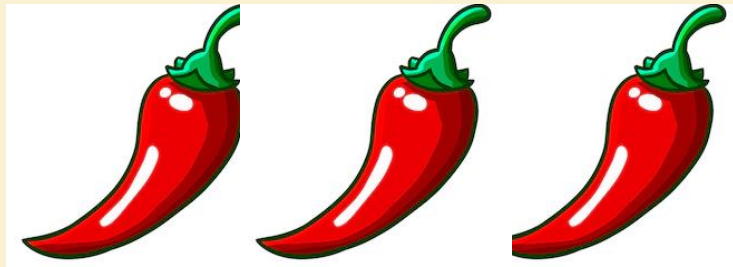
10b. Complete the comparison by using the correct symbol from below.



2 VF



# Independent work



11a. Estimate how much liquid is in container B.

A



B



$1 \frac{1}{2}$  L

$2 \frac{1}{2}$  L

2 L



2 VF

11b. Estimate how much liquid is in container B.

A



B



18 L

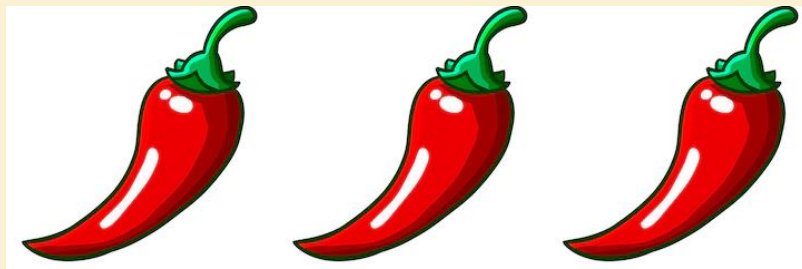
$9 \frac{1}{2}$  L

10 L

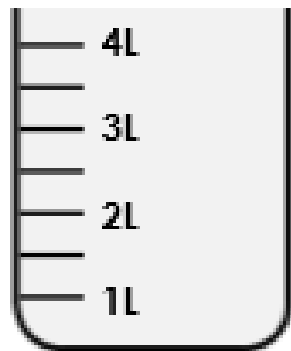


2 VF

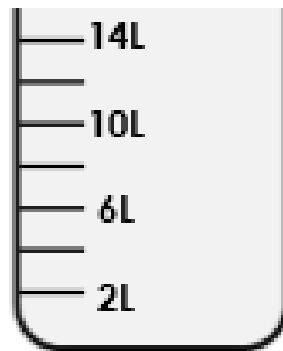
# Independent work



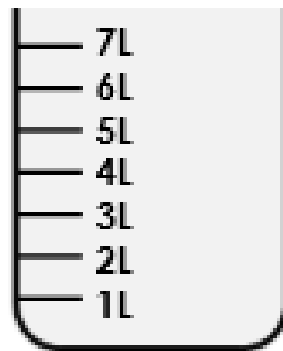
12a. Colour the containers below up to the correct level.



$2\frac{1}{2}$  L



8L

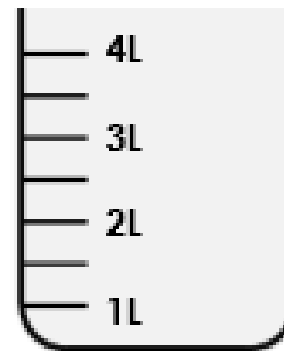


$4\frac{1}{2}$  L

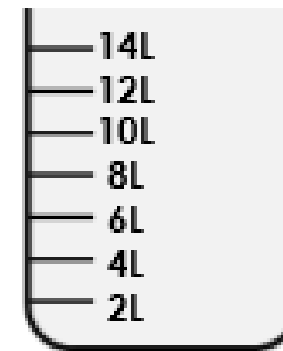


2 VF

12b. Colour the containers below up to the correct level.



$3\frac{1}{2}$  L



13L



11L



2 VF

# Answers

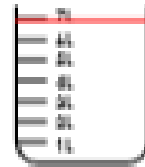
Developing

1a. **C**

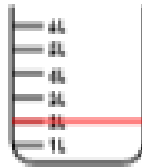
2a. **<**

3a. **3L**

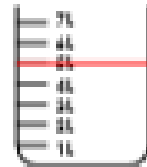
4a.



7L



2L



5L

Developing

1b. **B**

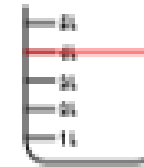
2b. **=**

3b. **2L**

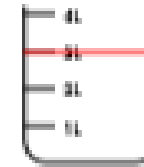
4b.



1L



4L



3L

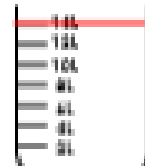
Expected

5a. **C**

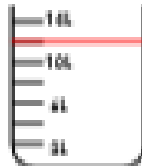
6a. **<**

7a. **8L**

8a.



14L



12L



2L

Expected

5b. **C**

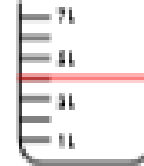
6b. **<**

7b. **1L**

8b.



1L



4L



8L

Greater Depth

9a. **B**

10a. **=**

11a.  **$2\frac{1}{2}$  L**

12a.



$2\frac{1}{2}$  L



8L



$4\frac{1}{2}$  L

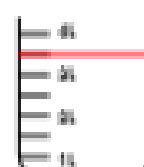
Greater Depth

9b. **B**

10b. **>**

11b. **18L**

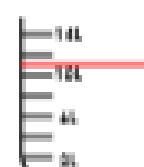
12b.



$3\frac{1}{2}$  L



13L

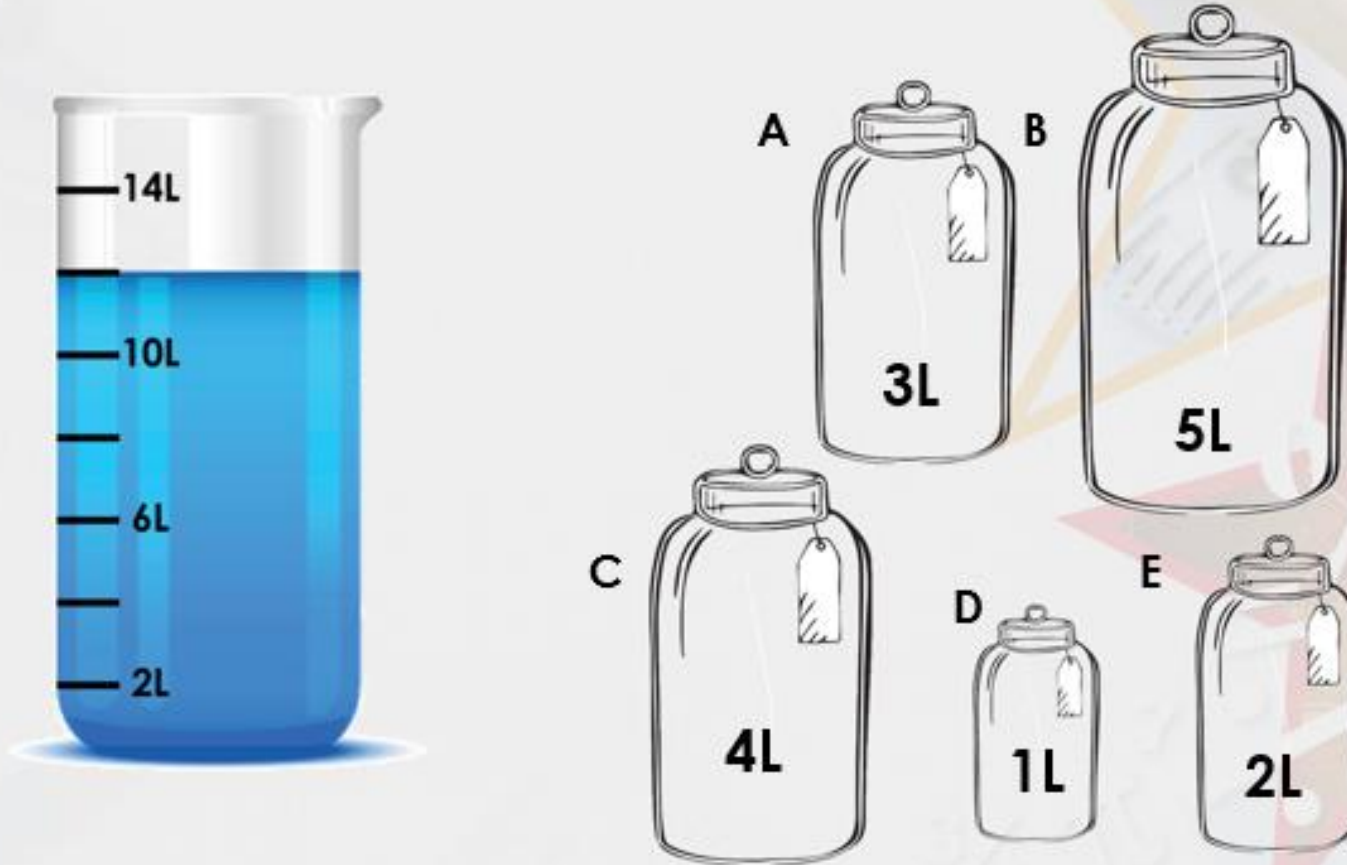


11L

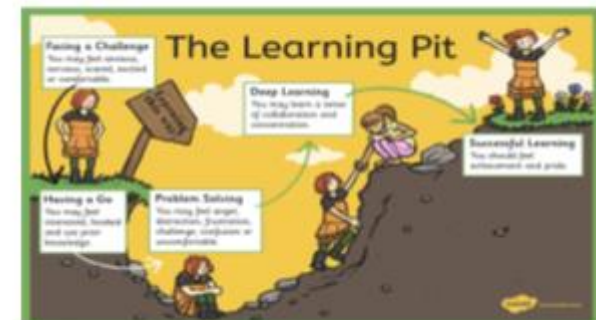
# Reflection Time



Which combination of jars could be filled using the amount of liquid shown in the container below?



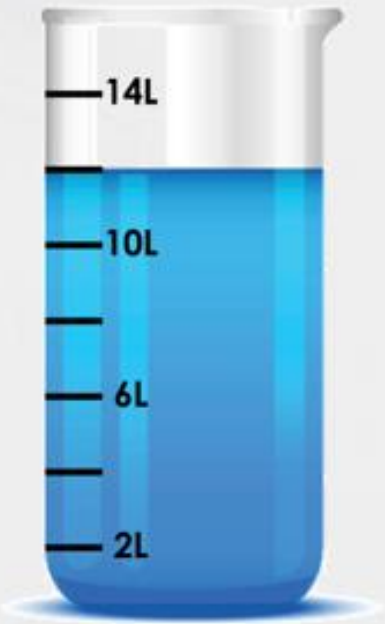
Take time  
to reflect



# Reflection Time - Answers



Which combination of jars could be filled using the amount of liquid shown in the container below?



A, B and C



Take time to reflect

