

Because it is the last week of work this week I thought we would end it with our final TTRS battle for this year. This really is your time to shine girls!

Spend a bit of time at the start or end of every lesson (or any other spare time you have) practising your times table on TTRS collecting points for your team.

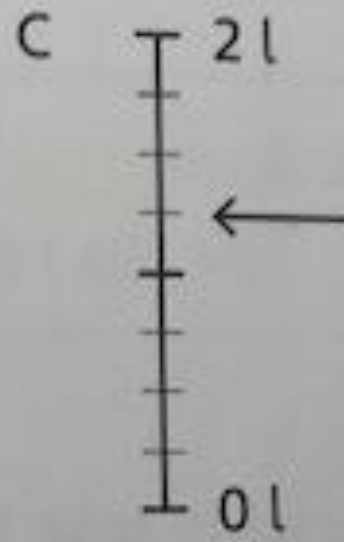
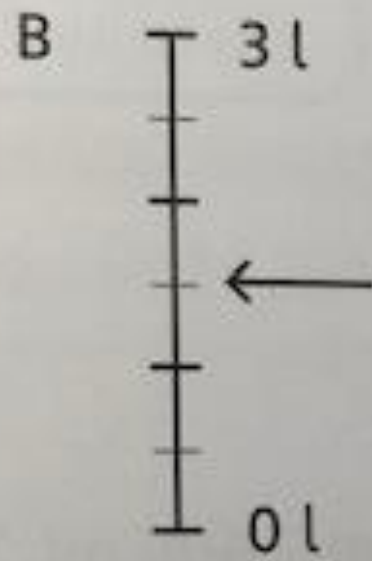
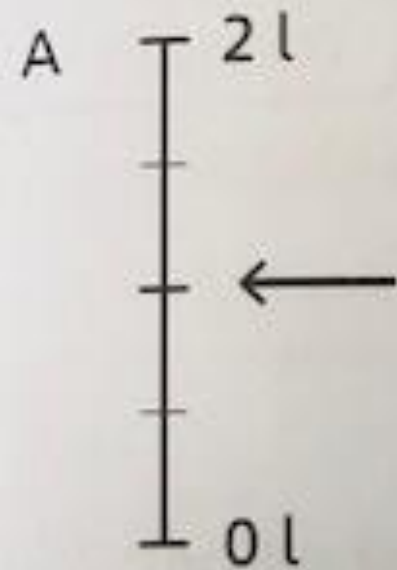
The battle starts today and will end on Friday at 19:00!

***Let the battle commence!!***



# Starter:

Look at the amounts shown by the arrows. Put them in order, from smallest to greatest amount.



Smallest  ml  ml  ml  ml Greatest

# Starter:



1l 200ml



2600ml



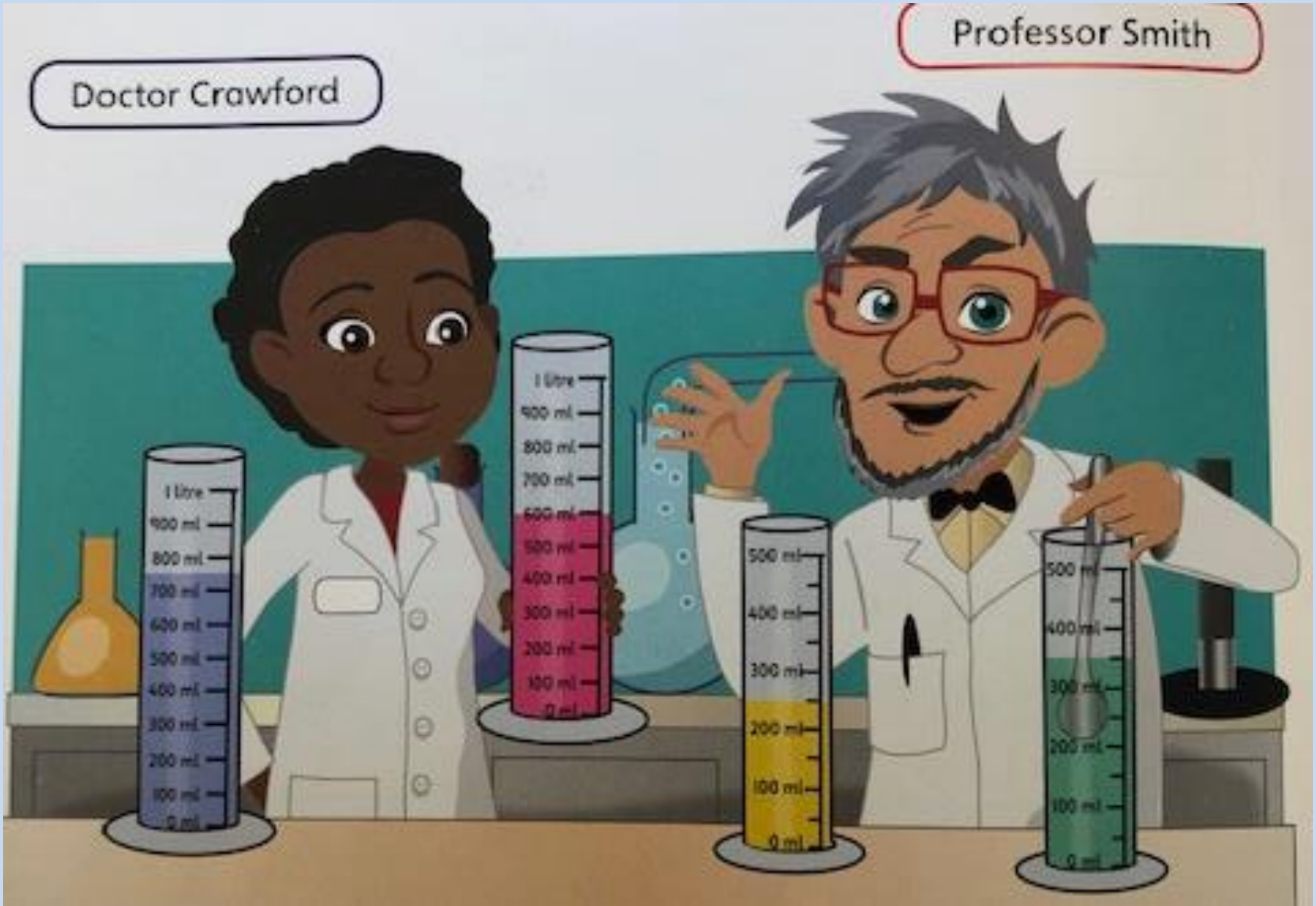
1l 600ml

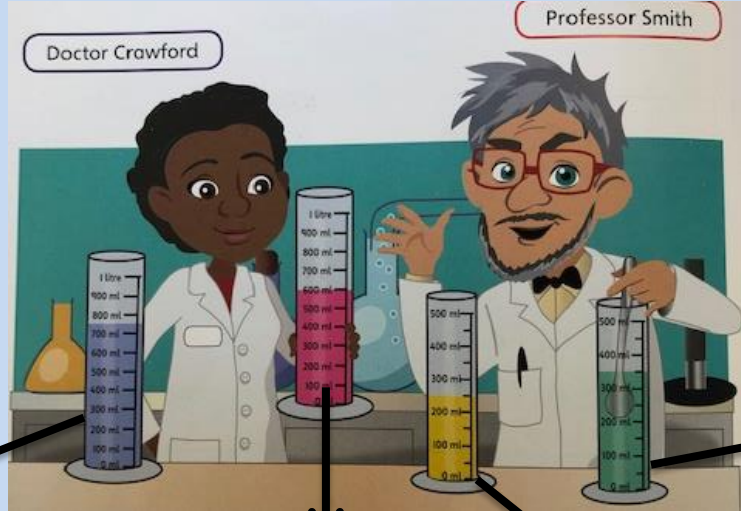


2l 750ml

Jessica needs a mixing bowl. It should hold less than  $2\frac{1}{2}$  l, but more than  $1\frac{1}{4}$  l. Which one should she choose?

Today, we are going to add capacity. We can do this fairly easily by using a method that we are confident with, the column method. Who has the most liquid altogether? How would you work it out?





750ml

Doctor  
Crawford

600ml

250ml

350ml

Professor  
Smith

$$\begin{array}{r} \text{H T O} \\ 750 \\ + 600 \\ \hline 1350 \end{array}$$

You may not always need to use column method, for some you may be able to work it out mentally.

$$\begin{array}{r} \text{H T O} \\ 350 \\ 250 \\ \hline 600 \\ \hline 1 \end{array}$$

Doctor  
Crawford

$$\begin{array}{r} \text{H T O} \\ 750 \\ + 600 \\ \hline 1350 \\ \hline \end{array}$$

Professor  
Smith

$$\begin{array}{r} \text{H T O} \\ 350 \\ 250 \\ \hline 600 \\ \hline 1 \end{array}$$

Doctor Crawford has 1350ml = 1l 350ml and Professor Smith has 600ml. Who has the most?

What is the total capacity of these jugs?



1l 400ml



2l 250ml

$$1l + 2l = 3l$$

$$400ml + 250ml = 650ml$$

$$= 3l 650ml$$

What is the total capacity of these jugs?



1l 400ml



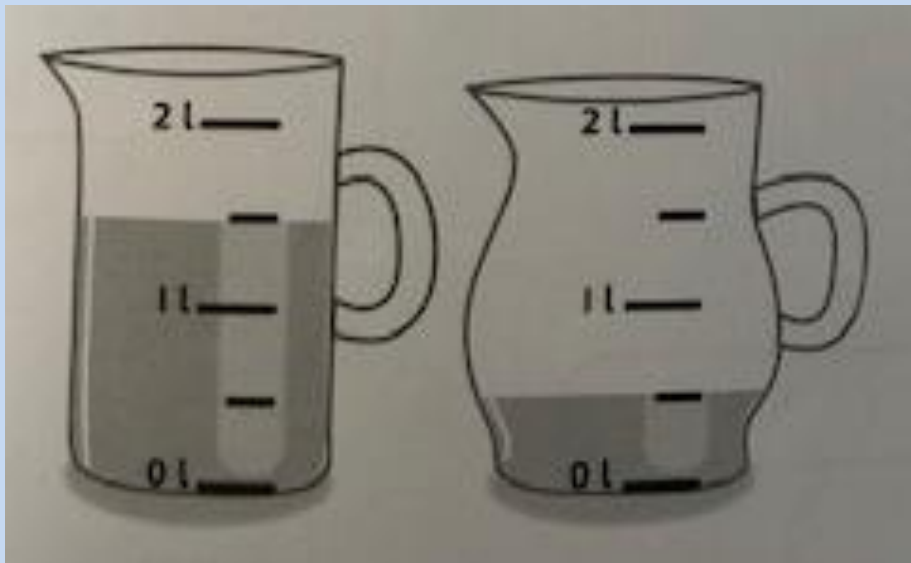
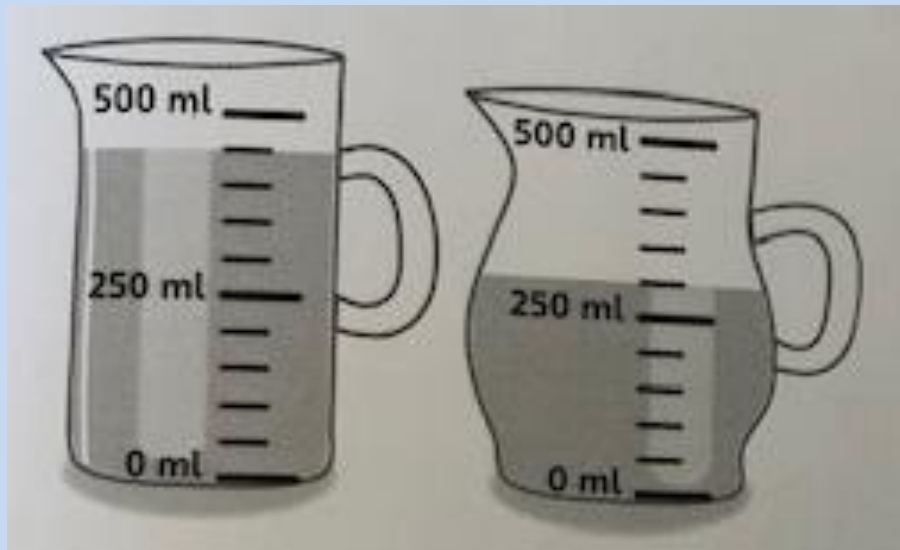
2l 250ml

$$\begin{array}{r} \text{Th H T O} \\ 1400 \\ + 2250 \\ \hline 3650 \\ \hline \end{array}$$

3650 ml = 3l 650ml



What is the total of these amounts?



Find the total of these amounts.

1.  $3\text{ l } 250\text{ ml} + 2\text{ l } 425\text{ ml} =$

2.  $4\text{ l } 500\text{ ml} + 1\text{ l } 150\text{ ml} =$

3.  $750\text{ ml} + 1\text{ l } 800\text{ ml} =$

4.  $1345\text{ ml} + 2302\text{ ml} =$

5.  $2\text{ l } 800\text{ ml} + 1250\text{ ml} =$

6.  $3\text{ l } 750\text{ ml} + 1025\text{ ml} =$

7.  $834\text{ ml} + 313\text{ ml} =$

# Extension:

4a. Which two of these containers would you need to have a total of 3L and 700ml?



1L and  
300ml

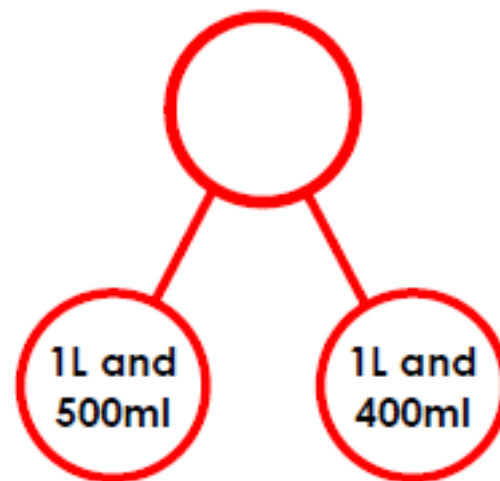


1L and  
200ml



2L and  
400ml

2a. Complete the part whole model.



4b. Which two of these containers would you need to have a total of 3L and 600ml?



2L and  
300ml

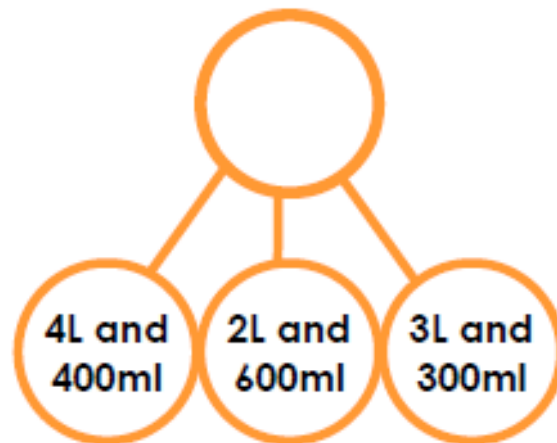


200ml



3L and  
400ml

10a. Complete the part whole model.



If you have time at the end of the lesson  
go onto TTRS.  
It's close!

