

This week we have been measuring units of capacity and converting between litres and millilitres.. We know to convert from millilitres to litres we divide by 1000 and to convert from litres to millilitres we multiply by 1000.

Please complete as many of the tasks as you can in 30 minutes. If a bar model helps you solve it then please use one.

Capacity questions

- 1a. Shackleton collected some rain water in a bucket. The bucket holds 5.75 litres. He used 3500ml to wash himself. How much is left?
- 1b. Scott uses a 7000ml bucket to collect the same amount of rainwater. How much more rain is needed to fill this bucket?
2. A bottle of drink holds 330ml. 6 explorers each take 4 bottles to climb Everest. How much does each explorer carry? How much liquid do the group carry in total?
3. If Hillary made a 0.55l pot of tea, how much tea is left over if he pours 143ml into a cup for Tazning Norgay and another 247ml into a mug for himself?
4. The pink water bottle holds 3750ml. The blue water bottle holds 0.33L more. How much do the water bottles hold altogether? Show your answer in both L and ml.

Three jars have peanut butter in them.

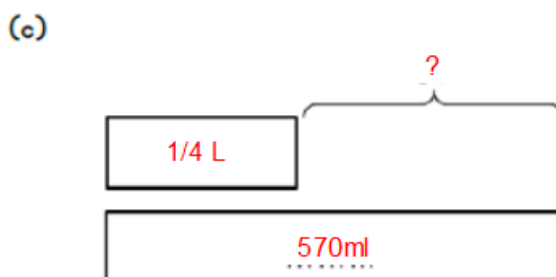
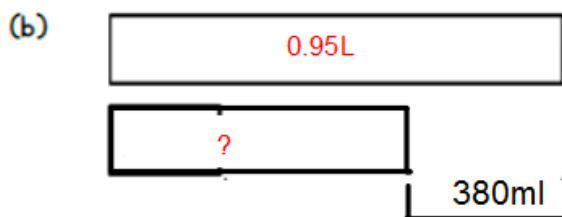
- The first jar has 0.95L of peanut butter
- The second jar has 380ml less peanut butter than the first
- The third jar has one quarter of a Litre of peanut butter

How many more ml are in the second jar than the third jar?



Example of a comparison bar model.

Draw the bar model for each question then solve it.



Parent feedback.