

WALT - measure volume in millilitres (ml)

WILF - I can read capacity using different scales.

How much liquid does each jug contain?

Remember to look carefully at the numbers on the scales and the intervals between them as they are not the same on every jug.



1. _____ ml



2. _____ ml



3. _____ ml



4. _____ ml



5. _____ ml



6. _____ ml



7. _____ ml



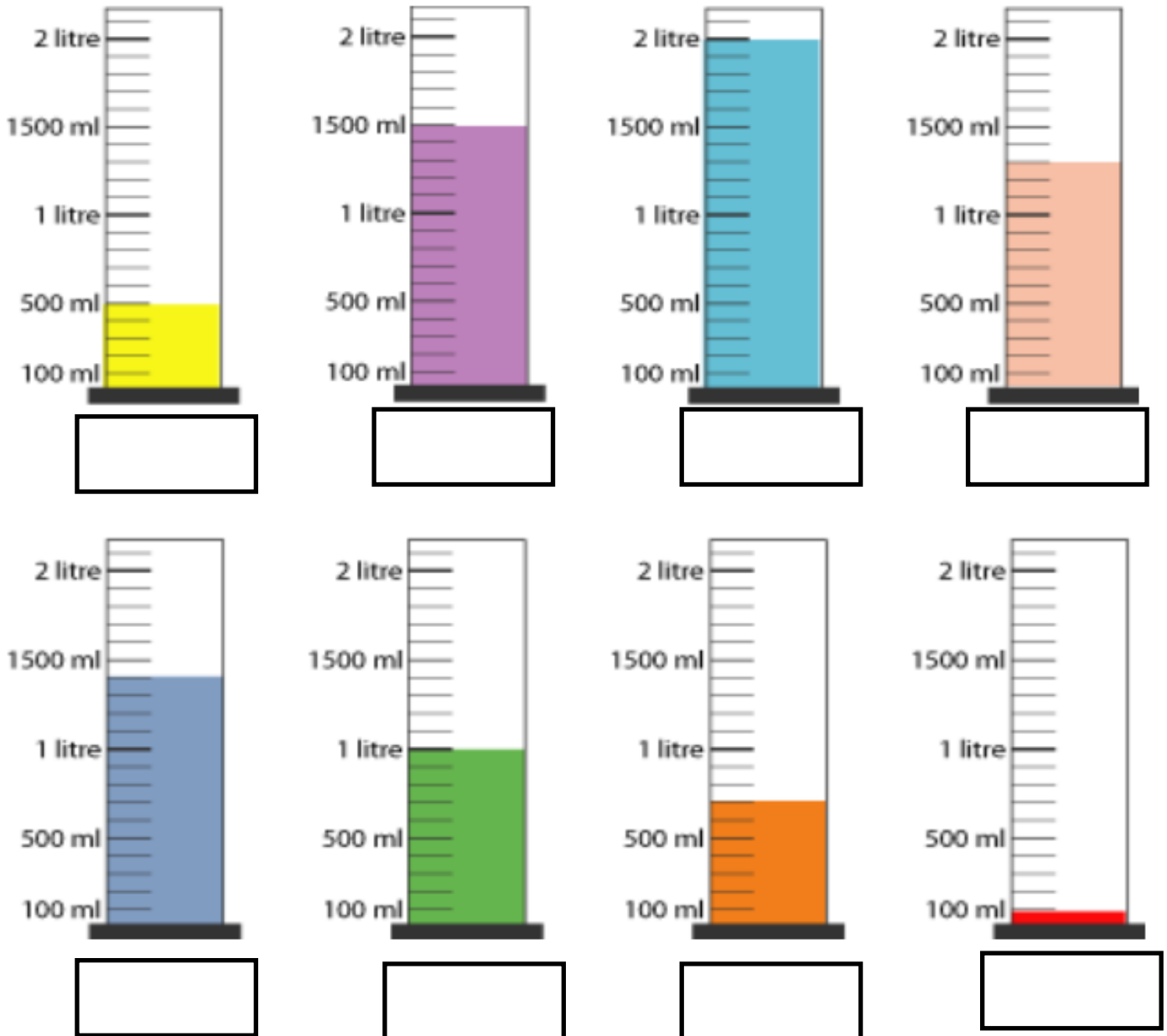
8. _____ ml



9. _____ ml

Challenge 1

WALT - reason about capacity	
WILF -	I can solve word problems
	I can explain my answer using reasoning



Can you relabel the cylinders with the correct child's name and the amount that they have measured out?

Alex had measured out a thousand millilitres and Beth twice as much as Alex.

Grace had measured out three-quarters of the amount that Beth had.

Freddie had half the amount that Alex had measured out.

Ellie had measured 200ml less than Grace and Callum had measured 100ml more than Ellie.

James had the smallest volume of liquid.

Challenge 2

Tilly, Ben and Mo are describing their glasses of water.



My glass has more water than Ben's glass.

Tilly

My glass is half full.



Ben



My glass has less water than Tilly's.

Mo

Can you fill in how much water could be in each of the children's glasses?



Tilly



Ben



Mo

Label each glass using 'full', 'empty', 'nearly', 'half full' or 'quarter full'

Challenge 3

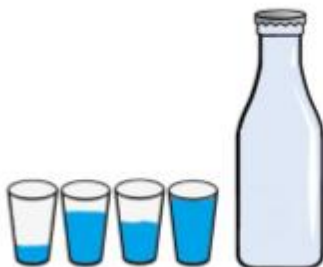
Always, Sometimes. Never

The tallest container holds the most liquid.

Identical containers can have a different capacity.

Challenge 4

Milly measures the capacity of the bottle. She says the bottle has a capacity of four cups. Do you agree?



Challenge 5

Jed has a bucket which has 5 l of water in. He pours 3 and a half l into another bucket. Which sentence is correct?

- There is more in bucket A.
- There is less in bucket A.
- There are equal amounts in each bucket.

Explain why.