Measuring and Comparing Capacity

Capacity tells you the amount that something can hold. The units of capacity are millilitres (ml) and litres (l).

Examples

How much water is in this beaker?



The small gaps are 10 ml.

So there is **30 ml** of water.

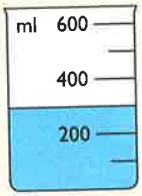
Which is bigger, $7\frac{1}{2}$ litres or 7 litres 600 ml?

$7\frac{1}{2}$ litres = 7 litres 500 ml.

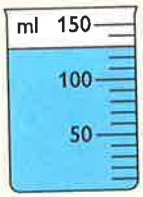
So **7 litres 600 ml** is bigger.

Set A

1. How much water is in each of these beakers?



Beaker A



Beaker B

2. Which beaker has more water in it?

Find the missing numbers:

3. 1 litre = ☐ ml

   So 4 litres = ☐ ml

4. 1000 ml = ☐ litres

   So 9000 ml = ☐ litres

Which is bigger:

5. 8 ml or 8 litres?
6. 500 ml or 5 litres?

Put these amounts in order, starting with the smallest:

7. 320 ml 330 ml 300 ml
8. 5 litres 4 litres 3000 ml

Put these amounts in order, starting with the biggest:

9. 80 ml 800 ml 8 litres
10. 150 ml 1500 ml 1 litre

Set B

Look at these bottles of juice.



Bottle A Bottle B Bottle C

Which bottle contains more juice:

1. Bottle A or Bottle B?
2. Bottle B or Bottle C?

Write these amounts in ml:

3. 8 litres
4. 6 litres 200 ml
5. 7 litres 800 ml

Which amount is smaller:

6. 5 litres or 650 ml?
7. 2 litres 500 ml or 2800 ml?

Are these true or false?

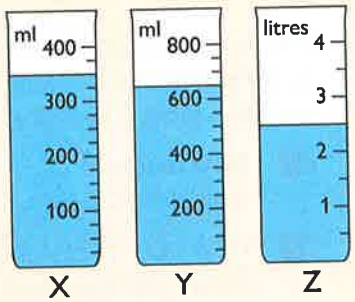
8. 1 litre 300 ml = 1300 ml
9. $4\frac{1}{2}$ litres = 4 litres 50 ml

10. Put these amounts in order, starting with the smallest:

3 litres 200 ml	3800 ml
3 litres 600 ml	$3\frac{1}{2}$ litres

Set C

1. How much water is in each of the measuring cylinders below?



X Y Z

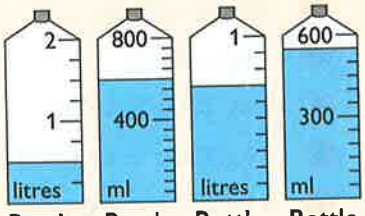
Write these in millilitres:

2. $\frac{1}{10}$ litre
3. 4 litres 790 ml
4. 9 litres 74 ml

Which amount is bigger:

5. 4 litres 800 ml or 4900 ml?
6. 3 litres 50 ml or 3400 ml?
7. 8 litres 600 ml or $8\frac{1}{2}$ litres?

8. Put these bottles in order, starting with the bottle containing the most water:



Bottle A Bottle B Bottle C Bottle D

I can measure and compare capacity.

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