

Capacity – estimate and measure in l and ml with a jug

WHAT THIS LESSON TEACHES

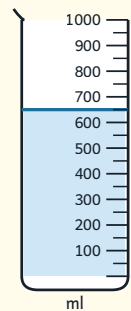
Capacity is how much liquid a container can hold when it is full. We measure small amounts in millilitres (ml) and big amounts in litres (l), where 1 litre is 1000 ml.

- A small cup holds about 250 ml; a carton of milk holds 1 litre.
- A spoon of medicine is about 5 ml but a bath holds many litres.

MODEL THIS ON THE BOARD

READING A JUG OF JUICE

- 1 The jug is marked every 100 ml up to 1000 ml. The nearest big mark below the liquid is **600** ml.
- 2 Count the little 50 ml marks up from 600 to the liquid line: one mark = **50** ml.
- 3 Add: $600 \text{ ml} + 50 \text{ ml} = \mathbf{650}$ ml.



DISCUSSION STARTER

REFLECT

When you estimated the jug first, how close were you — and what helped your next estimate?

ANSWER KEY

a) Read each instrument carefully against its marks.

Q1: 750 ml

Q2: 500 ml

Q3: 250 ml

EXTENSION SHEET · STRETCH ANSWERS

S1: 8 cm

S2: 10.4 cm

S3: 8800000 cm

S4: 11 cm

S5: 6000000 cm

Investigation: How much water in a day? — open-ended; scan pupils' working for valid solution paths rather than a single answer.