

Master Ordering Capacities and Volumes

Rationale

In this step, pupils draw on their understanding of comparing capacities and volumes to order capacities and volumes

Pupils will determine the smallest and greatest capacities and volumes, given in litres and millilitres, and order capacity and volumes from smallest to greatest and greatest to smallest.

Pupils will develop their learning by writing missing digits to make ordering correct.



Key Stem Sentences

- ___ has the smallest / greatest capacity.
- The volume of ___ is the smallest / greatest.



Key Vocabulary

- order
- less than / greater than
- smallest / greatest



Common Errors or Misconceptions

- Pupils may use the vocabulary incorrectly when ordering.
- Pupils may misread the measurements.



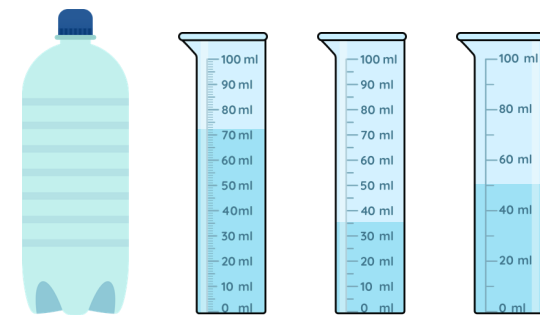
Key Representations

Measuring Containers



The coffee maker has the greatest capacity.

The tea cup has the smallest capacity.



The volume of water in A is 72ml. The volume of water in B is 35ml. The volume of water in C is 50ml. The volume of A is the greatest. The volume of B is the smallest.



Pupils will FLOURISH if they can...

- identify the smallest / greatest capacity or volume.
- order capacities or volumes from the smallest to the greatest or from the greatest to the smallest.
- complete missing digits to make the ordering correct.
- explain their understanding using written sentences and mathematical proof.

