Conversion of Capacity

Understanding Notes

- Capacity tells how much liquid a container can hold
- The standard units of capacity are litre (L) and millilitre (mL)
- 1 litre = 1000 millilitres
- To convert litres into millilitres, multiply by 1000
- To convert millilitres into litres and millilitres, divide by 1000
- Write the final answer clearly in L and mL or only in mL as needed

Example 1 (Easy – Convert L to mL)

Convert 3 L into mL

✓ 3 × 1000 = 3000 mL Answer = 3000 mL

Example 2 (Easy – Convert mL to L and mL)

Convert 2500 mL into litres and millilitres

✓ 2500 ÷ 1000 = 2 L and 500 mL Answer = 2 L 500 mL

Example 3 (Moderate – Add and Convert)

A jug holds 2 L 600 mL. Another holds 1 L 750 mL

- ✓ Total = 2 L + 1 L = 3 L
- ✓ 600 mL + 750 mL = 1350 mL
- ✓ 1350 mL = 1 L 350 mL
- ✓ Total = 3 L + 1 L 350 mL = 4 L 350 mL
- **Answer** = 4 L 350 mL

Example 4 (Moderate – Subtract and Convert)

From 5 L 100 mL, 2 L 750 mL is used

100 – 750 not possible, borrow 1 L = 1000 mL

- ✓ Now 4 L and 1100 mL
- ✓ 1100 750 = 350 mL

✓ 4 – 2 = 2 L

Remaining = 2 L 350 mL

Example 5 (Moderate – Convert total mL to L and mL)

Convert 4850 mL into litres and millilitres

✓ 4850 ÷ 1000 = 4 L and 850 mL

Answer = 4 L 850 mL

Summary Points

- 1 litre = 1000 millilitres.
- Multiply by 1000 to convert L to mL.
- Divide by 1000 to convert mL to L and mL.
- Add and subtract litres and millilitres separately.
- Always write final answers clearly with correct unit.