

Solutions

Each answer shows the steps, then the **result**.

2.1

- an accurate volume of solution: a **burette** or a (**volumetric**) **pipette**

2.2

- a **saturated** solution holds the **maximum amount of solute** that will dissolve at that temperature

3.1 C

- a **gas syringe** measures the volume of gas produced
- A is temperature; B is mass; D is time

3.2

(a)

- 25.0 cm³ of acid: a **pipette** (or burette)
- temperature: a **thermometer**

(b)

- **residue**: the solid left on the filter
- **filtrate**: the liquid that passes through