

Solutions

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

2.1

- a **chemical** change makes a **new substance**; a **physical** change does not

2.2

- any **two** of: colour change / gas given off / energy or temperature change / a precipitate forms

3.1 C

- melting ice makes **no new substance** — a physical change
- A, B and D all make new substances

3.2

(a)

- dissolving salt: **physical**
- burning a candle: **chemical**

(b)

- burning makes **new substances** (e.g. CO₂ and water)
- and is **hard to reverse**