

Solutions

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

2.1

- zinc is **more reactive** than copper

2.2

- e.g. **potassium, sodium** or **calcium**

3.1 B

- silver is **below hydrogen**, so it produces **no bubbles**
- A has the wrong reason; C and D name metals that do react

3.2

(a)

- iron becomes coated with **pink/brown copper**
- the **blue solution fades**

(b)

- iron is **more reactive** than copper, so it **displaces** copper

3.3

- aluminium is covered by a thin, strong **oxide layer**
- this stops other substances reaching the metal, so it **seems unreactive**