

Solutions

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

2.1

- water enters through **root hair cells**

2.2

- **root hair cell** → **root cortex** → **xylem** → **mesophyll**

3.1 B

- root hairs give a **large surface area** for uptake
- A, C and D are leaf jobs

3.2

(a)

- the stain appears in the **veins (xylem)** / the petals

(b)

- the stain is carried **up the xylem** with the water
- the coloured parts **show the path** the water took