

Solutions

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

2.1

- blood away from the heart is carried by an **artery**

2.2

- veins have valves to stop low-pressure blood **flowing backwards**

3.1 B

- a capillary wall is **one cell thick**, so the exchange distance is short
- A and D are arteries; C is veins

3.2

(a)

- a **thick, muscular and elastic** wall
- to **withstand the high pressure**

(b)

- the artery to the body is the **aorta**