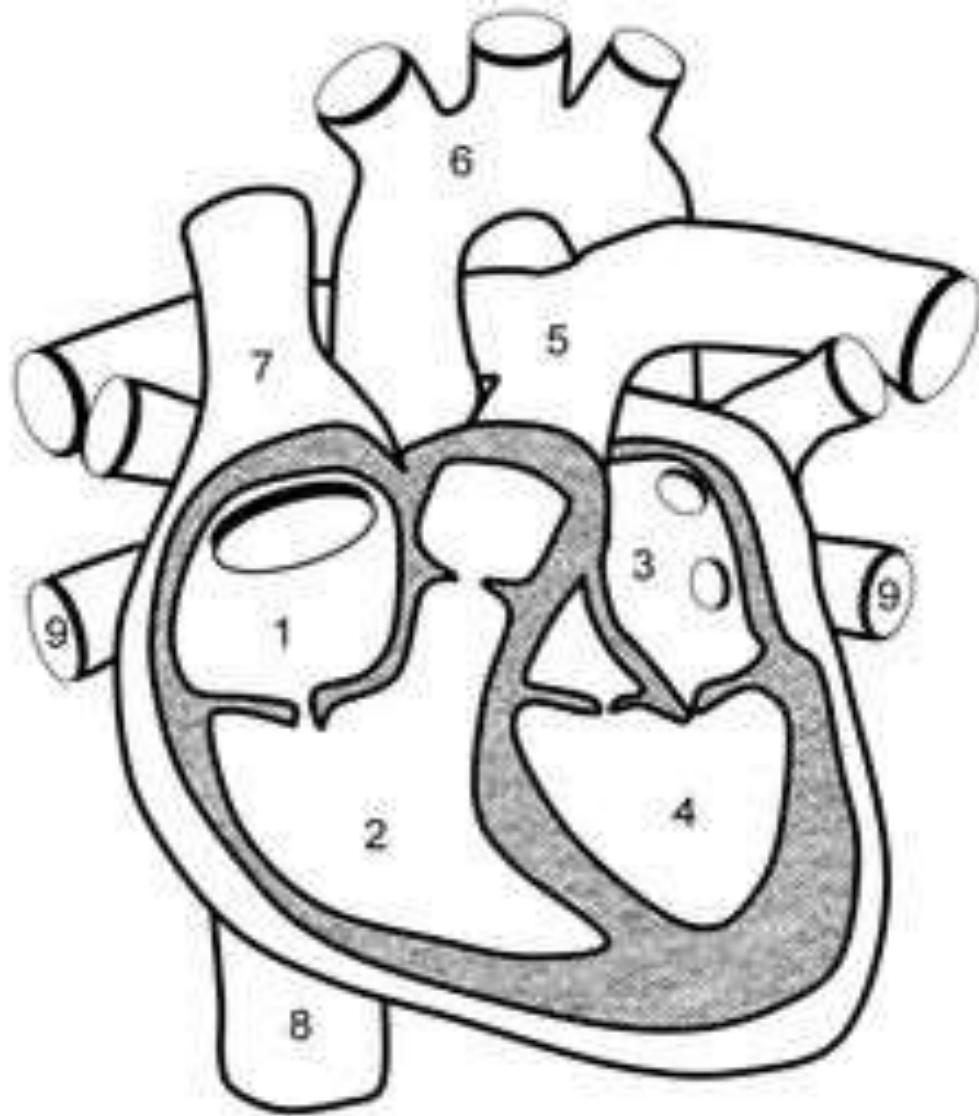


Name:..... Class:.....

## The Heart

1) Use arrows to label the individual parts of the heart:



2) Use arrows to show the blood flow through the heart (use two different colours).

3) Why is the left side of the heart thicker than the right side of the heart?

---

---

---

<u>Part of the heart</u>	<u>Function</u>
Aorta	Carries oxygenated blood to all parts of the body.
Left atrium	Receives oxygenated blood from the lungs.
Right atrium	Part of the heart that receives deoxygenated blood.
Pulmonary vein	Carries oxygenated blood from the lungs.
Pulmonary artery	Carries deoxygenated blood to the lungs
Superior vena cava	Carries deoxygenated blood from the top of the body
Inferior vena cava	Carries deoxygenated blood from the bottom of the body.
Left ventricle	Part of the heart that pumps oxygenated blood to the body.
Right ventricle	Part of the heart that pumps deoxygenated blood to the lungs.

Name:..... Class:.....

4) Why is some fat good for the heart? Give one reason.

---

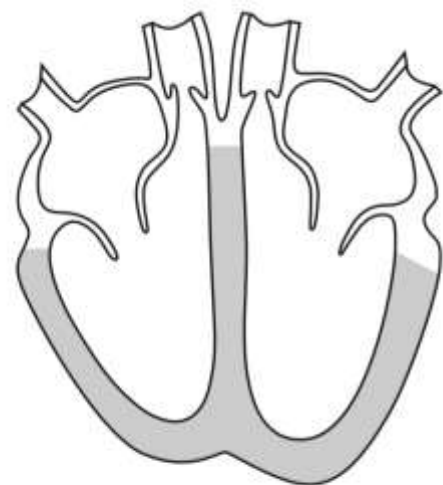
---

5) Why is too much fat bad for the heart? Give one reason.

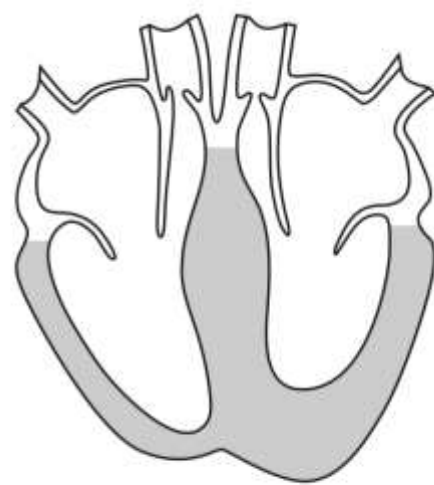
---

---

6) The diagrams below show a healthy heart and a heart with a condition called hypertrophic cardiomyopathy (HCM).



healthy heart



hypertrophic cardiomyopathy

Patients with HCM have difficulty pumping blood around the body.

Why is this condition negative for athletes? Give one reason.

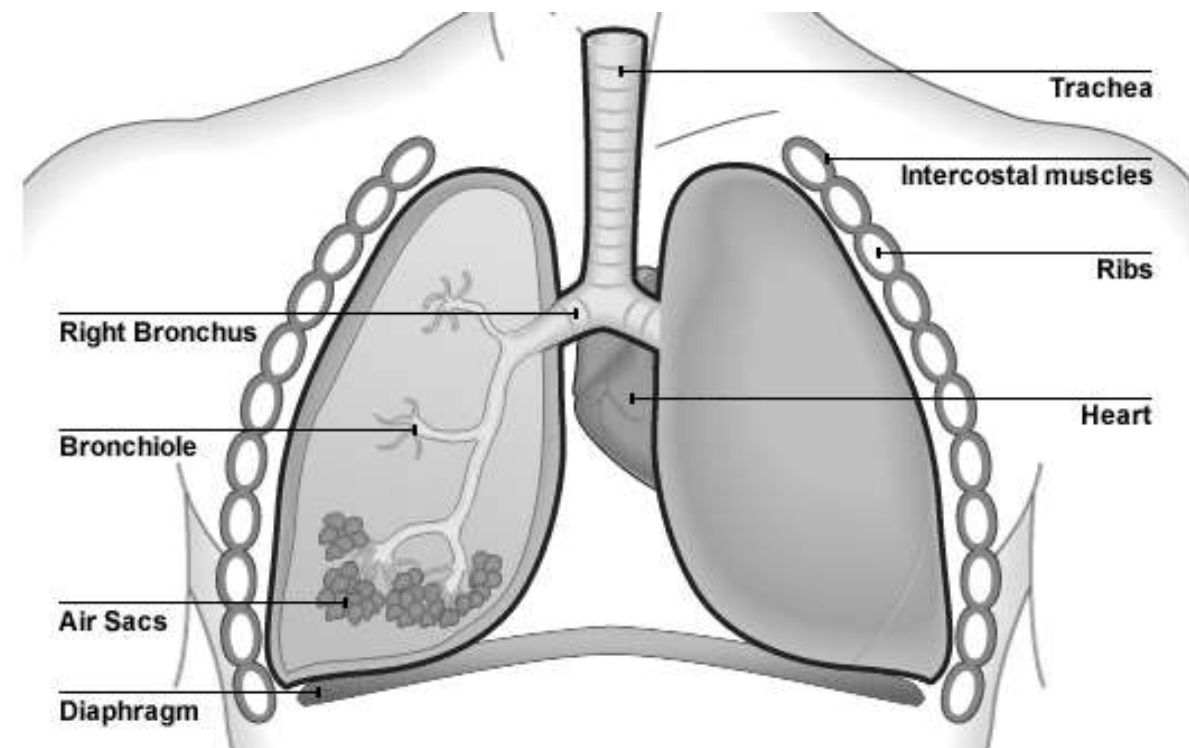
---

---

---

---

## The Lungs



7) What is the function of the ribs?

---

---

8) Why is smoking bad for the lungs? Give one reason.

---

---

---

9) Write a question for Daniell! Any topic is O.K.

---

---

---

---