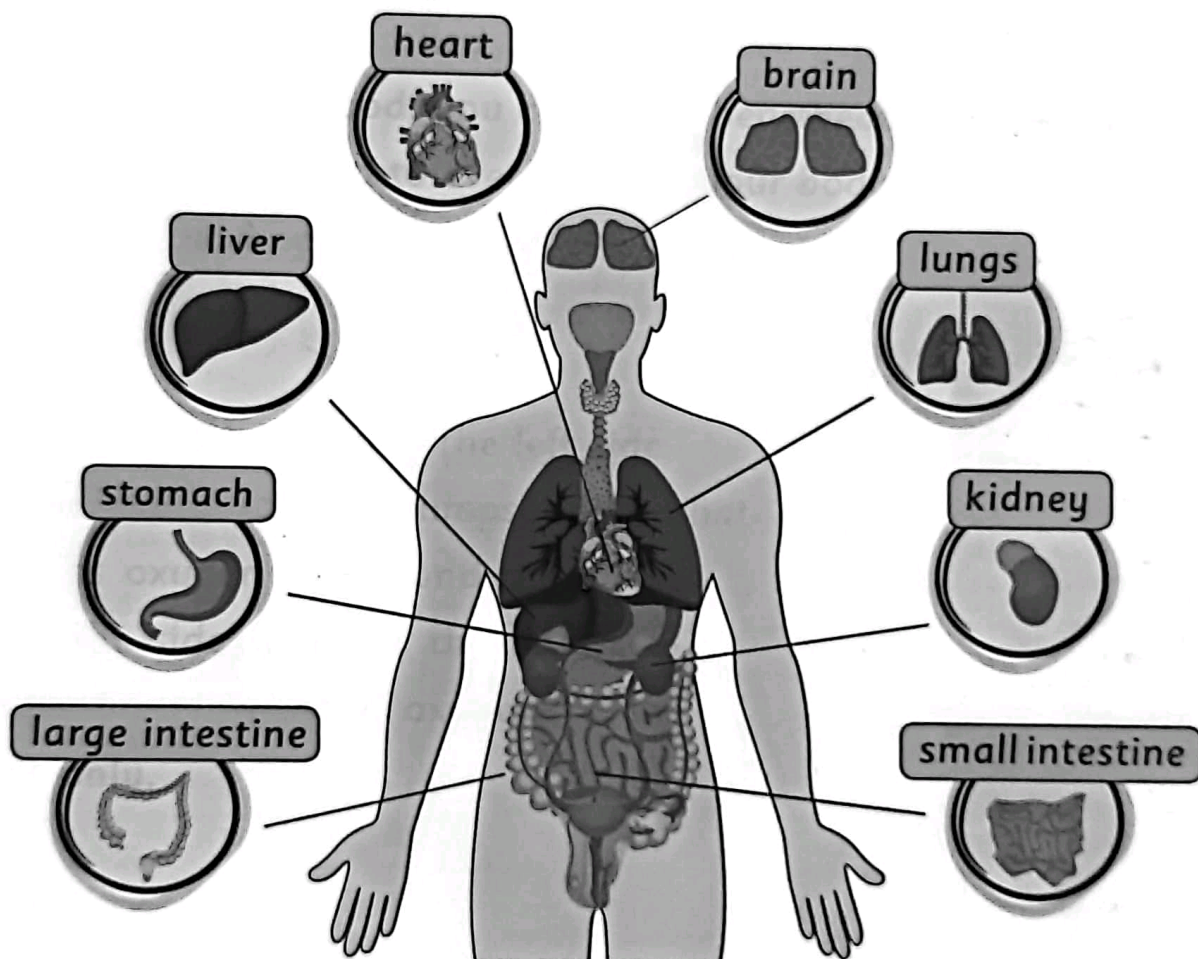


## \* 1.1. Body organs

You know what the outside of your body looks like. But what's inside your body?

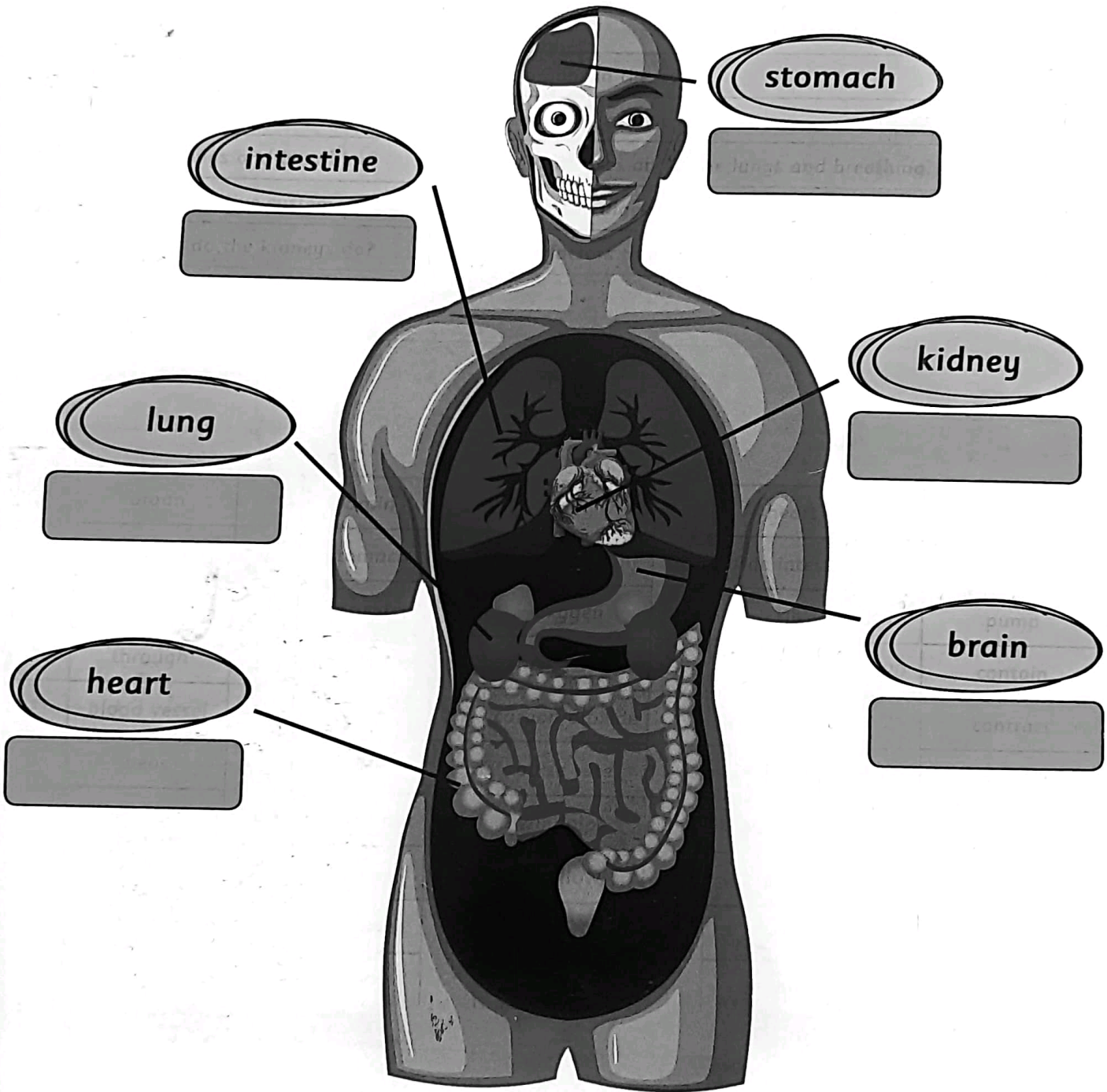
Think of as many inside parts as you can.

The parts inside your body are called organs. The body organs do different jobs to keep you alive and healthy. Different organs work together to form organ systems.



The major body organs are the heart, stomach, intestines, lungs, kidneys and brain.

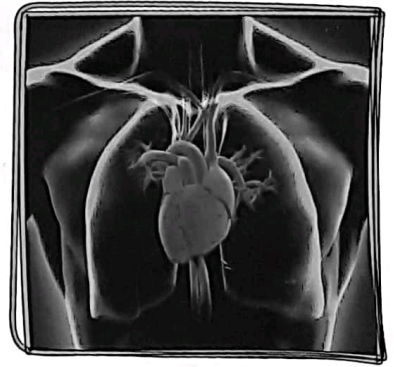
Look at the diagram. The organs have the wrong labels. Write the correct name for each organ in the space next to the label.



## \* 1.2. The heart

Put your hand on your chest. Can you feel your heart beating? Why does your heart beat?

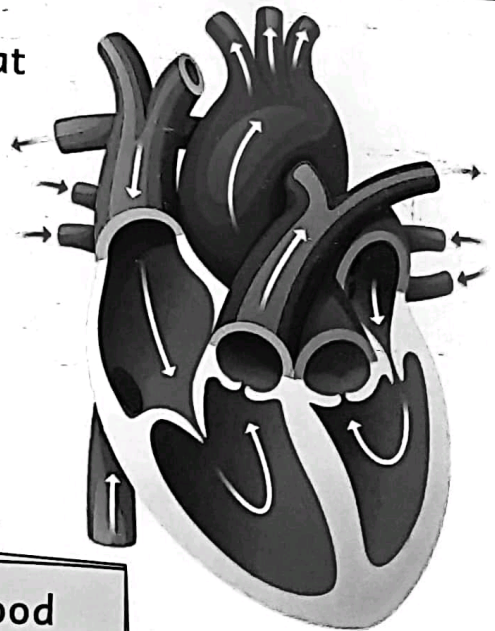
Make a fist with your hand. That's how big your heart is. Your heart is found inside your chest, slightly to the left. It is protected by the ribs.



Your heart is a special muscle. Its job is to pump blood through your body. This process is called circulation. Every time the heart muscle squeezes to pump blood, you can feel a heartbeat. It takes less than a minute to pump blood to every part of your body. The heart does this all the time and never stops.

The heart has two sides. The left side (red in the diagram) pumps blood that contains oxygen all around the body. The right side (blue in the diagram) pumps blood without oxygen to the lungs only.

blood carrying oxygen

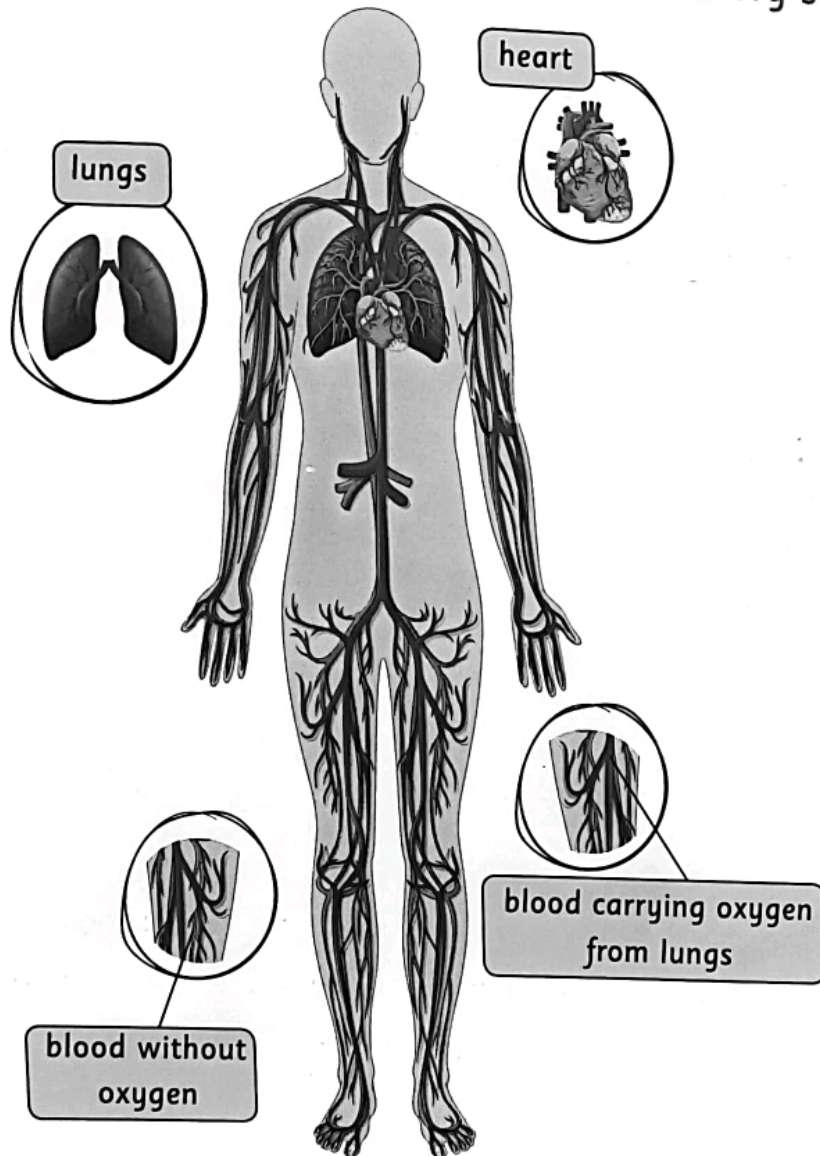


blood without oxygen

Blood is a red liquid that flows around the body in blood vessels. Look at the inside of your wrist. Sometimes you can see the blood vessels through your skin.

Blood vessels run from the heart to the lungs, around the body and back to the heart.

The blood carries food and oxygen to all parts of the body. It also picks up waste products from the body and carries them to organs which can get rid of them. The kidneys and lungs are two of these organs. The heart, blood vessels and blood form the circulatory system.



## **Explain the way the heart works**

Circle the letter of the correct answer to the following questions about the heart.

The heart pumps blood that ...

- a) contains oxygen only.
- b) contains carbon dioxide only.
- c) contains both oxygen and carbon dioxide.

The heart pumps blood to ...

- a) all parts of the body.
- b) the lungs only.
- c) the kidneys only.