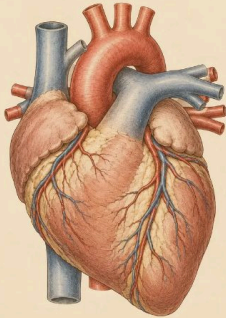


Name: _____

Date: _____

How does the heart work?



READ

The heart is a muscle about the size of your closed fist. It works like a pump: it squeezes and relaxes all the time, pushing blood around your body. Inside it has 4 spaces. The right side sends blood to the lungs to get oxygen, and the left side sends oxygen-rich blood to the whole body.

1 Which part is it? Use the words in the box.

Left atrium

Right atrium

Ventricles (the muscle)

1. This is the big, strong part of the heart. It squeezes, like a hand squeezing a ball, and pushes blood all around your body. _____
2. It is one of the 4 spaces inside the heart: the top one on the right. It works like an entrance room: blood coming back from the body, already low in oxygen, arrives here first. _____
3. It is the top space on the left side. It also works like an entrance room: blood that has just picked up oxygen in the lungs arrives here. _____

2 Match each part to what it does. Write the letter.

- ☐ 1. Right ventricle (inside)
- ☐ 2. Left ventricle (inside)
- ☐ 3. Tricuspid valve
- ☐ 4. Mitral valve

- A. Door between the right atrium and ventricle
- B. Door between the left atrium and ventricle
- C. Sending blood to the whole body
- D. Sending blood to the lungs

3 True or false? Write T or F.

- ☐ 1. **Ventricles (the muscle):** squeezing and pumping blood
- ☐ 2. **Right atrium:** receiving oxygen-rich blood
- ☐ 3. **Left atrium:** receiving blood back from the body
- ☐ 4. **Pulmonary valve:** exit door to the lungs

4 Think and answer

How many times does the heart beat in a day?



Spin it in 3D and read more
anatomytour.com/en/heart

Answer key: How does the heart work?

1 Which part is it?

1. Ventricles (the muscle)
2. Right atrium
3. Left atrium

2 Match each part to what it does.

1. D
2. C
3. A
4. B

3 True or false?

1. T
2. F (Right atrium: receiving blood back from the body)
3. F (Left atrium: receiving oxygen-rich blood)
4. T

4 Think and answer

About 100,000 times. At rest, an adult has 60 to 100 beats per minute.

