

Natural Science, Unit 2: Nutrition

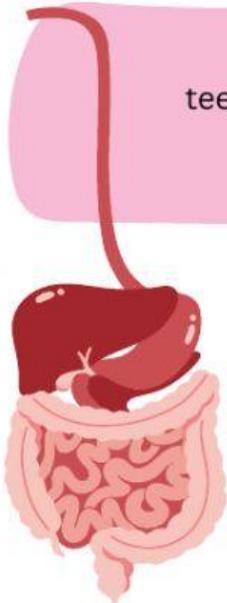
1. Complete the text using the words in the box.

9 metres absorbing waste balanced eight poo

Digestion is the process of _____ nutrients from food and drink. An adult human's digestive system is around _____ long. We need a _____ diet to stay healthy. The process of digestion takes between _____ and seventy two hours to complete and ends when _____ food comes out as _____.

2. Organise the parts of the digestive system into the correct order.

teeth, tongue and saliva anus large intestine
stomach oesophagus small intestine

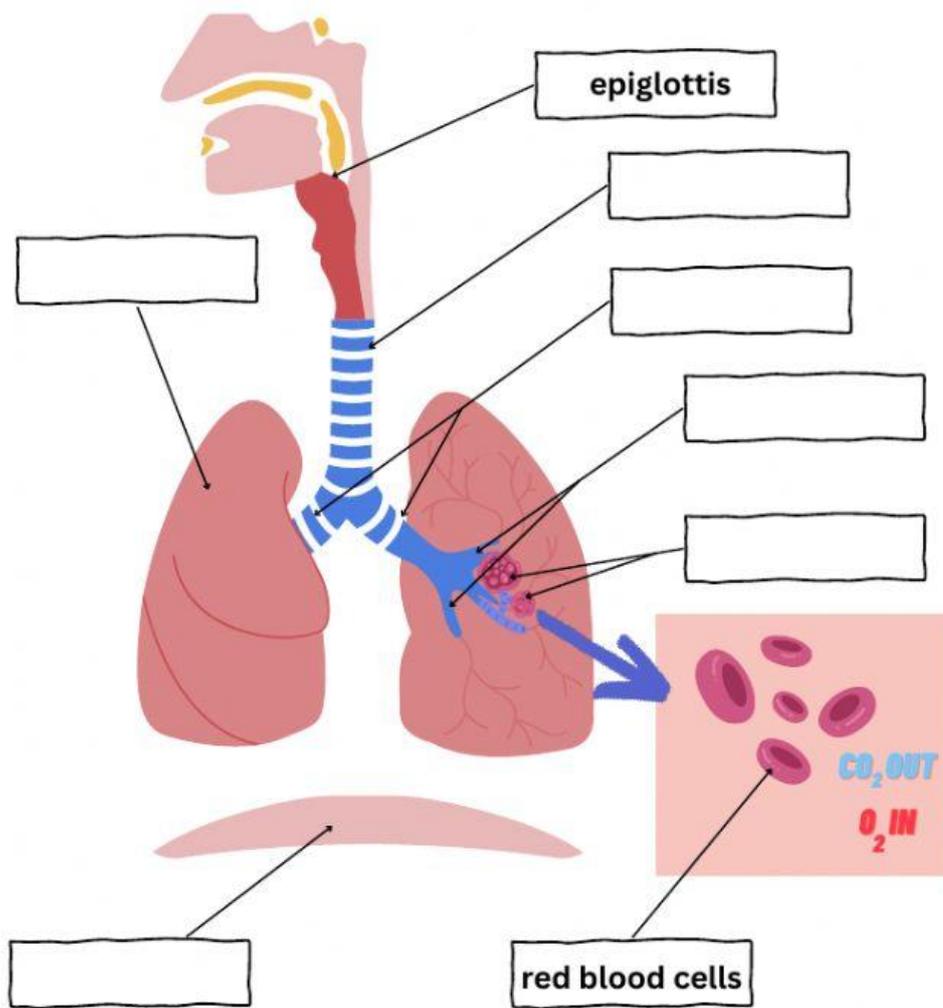


- 1.
- 2.
- 3.
- 4.
- 5.
- 6.

3. Match the parts of the digestive system to their function. Click and choose.

- An acid that kills bacteria and breaks food into a liquid.
- Produces bile to break down fats.
- Produces pancreatic juices to separate nutrients.
- Strong muscles push food down into the stomach.

4. Label the parts of the respiratory system.



trachea

alveoli

diaphragm

bronchioles

bronchi

lung

5. Click and choose the correct answer.

a) Name the sacs that exchange O_2 from the air and CO_2 in the blood.

alveoli / bronchioles

b) What stops food and liquid entering the lungs?

diaphragm / epiglottis

c) Which muscle pushes and pulls the lungs to inhale and exhale?

abdominal muscles / the diaphragm

d) How do we use oxygen in the body?

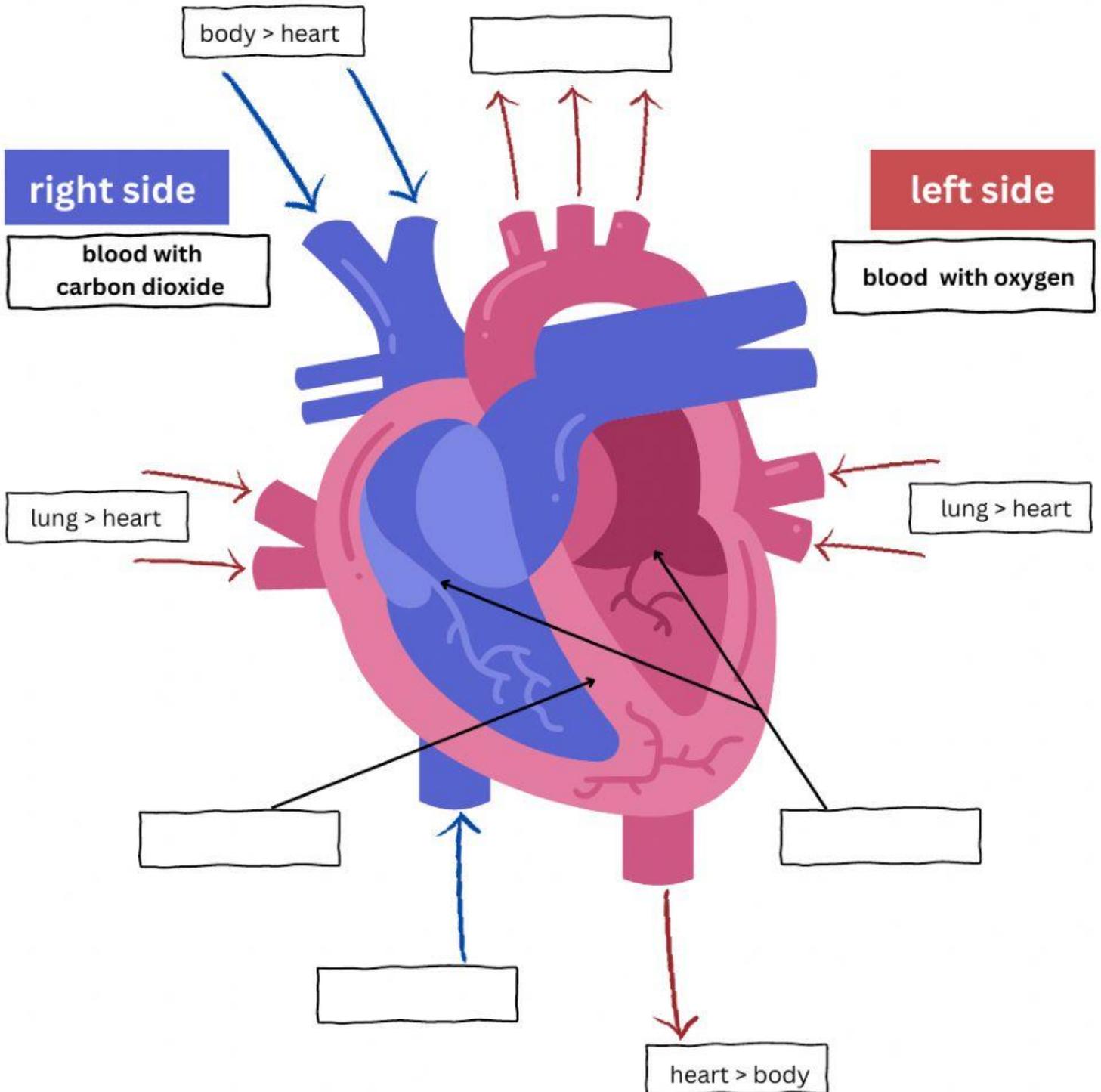
to make energy / to absorb nutrients

e) Which blood vessels take oxygen from the alveoli in lungs to the blood?

the capillaries / the arteries

6. Complete the diagram of the heart. Move the labels.

valves	septum muscle
body > heart	heart > body

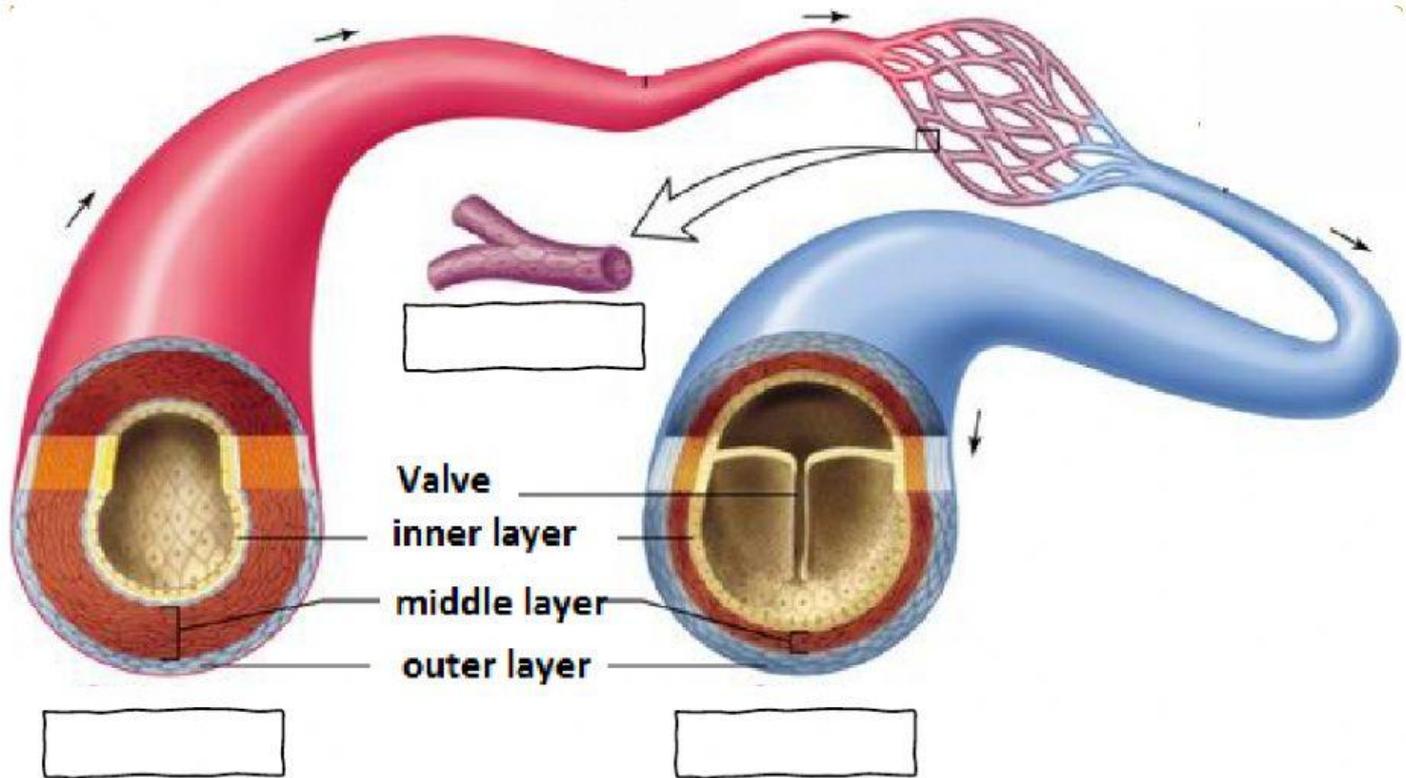


7. Choose the correct name for the blood vessels.

capillary

vein

artery



8. How is the circulatory system connected to the digestive, respiratory and excretory systems?

Read carefully and choose the best answer.

The circulatory system transports **nutrients** to our **cells** and takes **waste** products to the **lungs** and **kidneys**.

The circulatory system transports **carbon dioxide** from our **intestines** and takes **nutrients** to the **heart**.

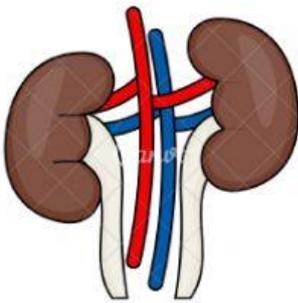
9. What are the functions of the components of the blood?

Click and choose.



10. Complete the sentences about the excretory system.

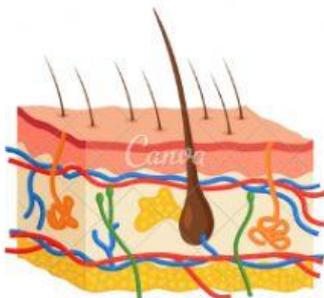
Click and choose.



- a) The kidneys filter _____ to remove waste.
- b) Waste travels down the ureters to the _____.
- c) Kidneys filter the blood _____ times a day.



- d) Waste mixed with water makes _____.
- e) Urine leaves the body through the _____.
- f) _____ in the bladder signal the brain to go the toilet.



- g) The epidermis contains _____ glands.
- h) Sweat helps to eliminate _____, minerals and water.
- i) Sweating also helps to control the body's _____.