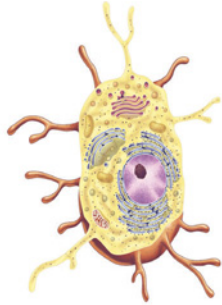


Test 1 Study Page • Summary

Name: _____ Grade: _____

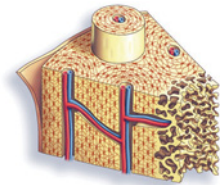
The levels of biological organization are:

Level 1: Cells



A basic unit of living things.

Level 2: Tissue



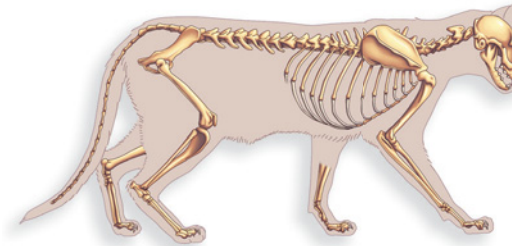
A group of cells that work together.

Level 3: Organs



A group of tissues that work together.

Level 4: System



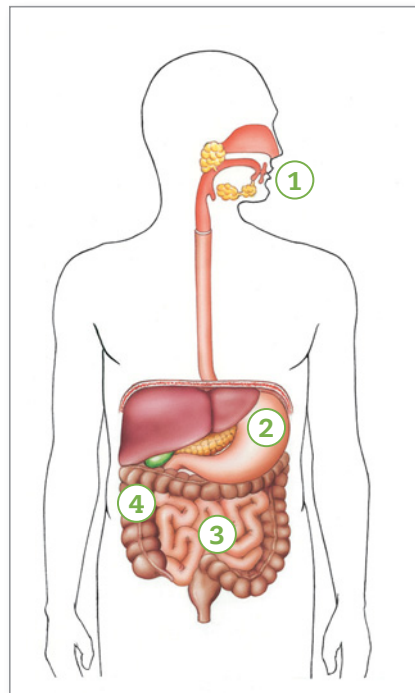
A group of organs that work together.

Level 5: Organism



A group of systems that work together.

Digestive System: converts food into nutrients and eliminates waste. This process occurs in four stages:

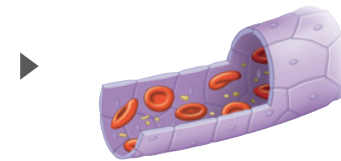


Ingestion occurs when food enters the **mouth (1)**. **Digestion** starts with the help of teeth and saliva. When the food reaches the **stomach (2)**, it mixes with gastric juices. Then, in the **small intestine (3)**, the nutrients are absorbed. Finally, waste is eliminated through the **large intestine (4)** in a process called **egestion**.

Circulatory System: transports substances to all parts of the body. The components of the circulatory system are:

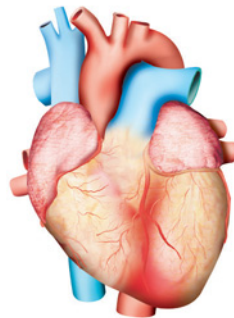
Blood

Blood circulates inside the blood vessels. It transports nutrients and oxygen.



The Heart

The heart pumps blood to all parts of the body.



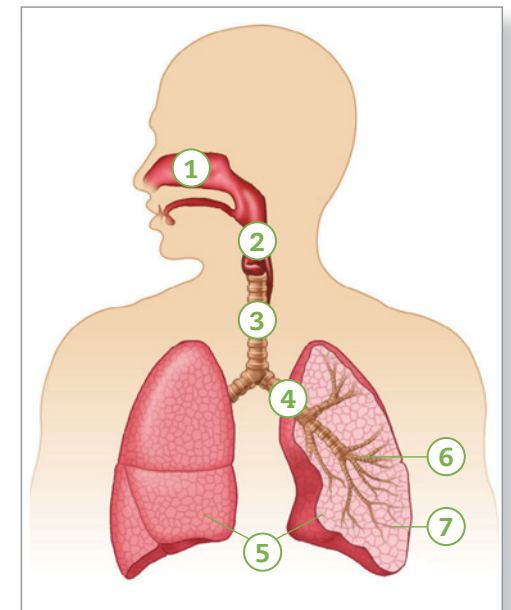
Blood Vessels

Blood vessels are tubes that circulate blood to all parts of the body.



Respiratory System: allows oxygen to enter the body and eliminates carbon dioxide.

Air enters through the **nasal passages (1)** and passes through the **pharynx (2)** and **trachea (3)**. Then it enters the **bronchi (4)** and goes to the **lungs (5)** and **bronchial tubes (6)**. Finally, gas exchange occurs in the **alveoli (7)**, where oxygen is exchanged with carbon dioxide.



Test 1 Study Page • Review



Section 1

1. Read the definitions and think of the correct word. Then find the words in the word search.
- a. A group of cells that work together.
 - b. The most complex level of biological organization.
 - c. A group of organs that work together.
 - d. A group of tissues that work together.
 - e. All living things consist of these.



Section 2

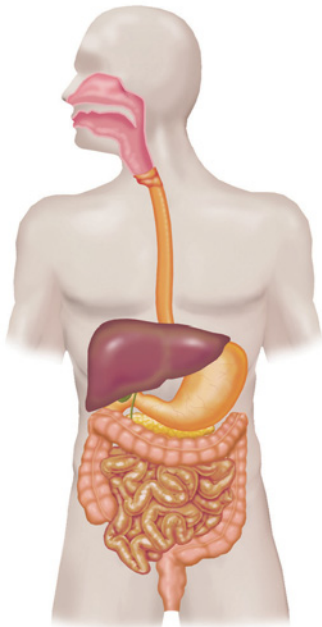
2. In the following diagram, match each description with the correct organ.

Where digestion starts. ☐

Secretes gastric juices and helps with digestion. ☐

Eliminates waste. ☐

Absorbs nutrients. ☐



Section 3

3. Patrick uses the following model to represent the circulatory system.



What does each of the materials represent? Explain.

- a. The bottle represents _____
- b. The straw represents _____
- c. The liquid represents _____

Section 4

4. Number the body parts in the order air passes through them during inhalation. Then circle the part of the body where gas exchange occurs.

☐ alveoli ☐ pharynx ☐ nasal passage
☐ bronchus ☐ trachea