

Skills Worksheet

Directed Reading A **Ch 8 Sec 1**

Section: Body Organization

1. The maintenance of a stable internal environment in the body is

_____.

CELLS, TISSUES, AND ORGANS

- _____ 2. What is a collection of tissues that work together to carry out a specialized function in the body?

a. a cell
b. connective tissue
c. an organ
d. a team

- _____ 3. Muscle tissue helps your stomach digest food by

a. protecting the stomach.
b. supplying oxygen.
c. breaking up food.
d. producing acids.

4. What can happen to cells if homeostasis is disrupted?

5. How is your body like a soccer team?

6. A group of similar cells working together forms a(n)

_____.

Match the correct description with the correct term. Write the letter in the space provided.

- _____ 7. joins, supports, and insulates organs

a. nervous tissue

- _____ 8. covers and protects underlying tissue

b. muscle tissue

- _____ 9. sends electrical signals through the body

c. epithelial tissue

d. connective tissue

- _____ 10. produces movement

Directed Reading A *continued*

11. How does your body know when your stomach is full?

12. The wall of the stomach contains blood and another

_____ called collagen.

13. The inside of your stomach is lined with _____.

14. Organs that work together make up a(n) _____.

WORKING TOGETHER

Match the correct description with the correct term. Write the letter in the space provided.

_____ 15. includes the heart, blood vessels,
and blood

_____ 16. removes wastes from blood

_____ 17. sends out chemical messages

_____ 18. includes skin, hair, and nails

_____ 19. supports and protects body parts

_____ 20. helps get rid of bacteria and viruses

_____ 21. absorbs oxygen through the lungs

_____ 22. breaks down food into nutrients

_____ 23. helps the body move

_____ 24. produces eggs and protects the fetus

_____ 25. sends and receives electrical
messages throughout the body

a. integumentary
system

b. muscular system

c. skeletal system

d. cardiovascular
system

e. respiratory
system

f. urinary system

g. female
reproductive
system

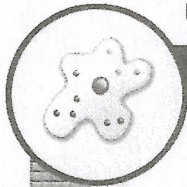
h. nervous system

i. digestive system

j. lymphatic system

k. endocrine system

26. How do organ systems work together to maintain homeostasis? Give an example.



Name: _____

Date: _____

HUMAN BODY SYSTEMS

Name That Body System

WHO AM I?

DIRECTIONS: Each system of the body has a specific job. It works together with other body systems to keep the body healthy. Match each body system to its description below.

WORD BANK

muscular

circulatory

digestive

skeletal

nervous

respiratory

1. I bring supplies, such as food and oxygen, to cells. I also pick up wastes, such as carbon dioxide, from these cells and deliver them to the lungs.

I help fight diseases with special blood cells.

Some of my organs are the heart, arteries, and veins.

Who am I? _____

2. I take food into the body and break it down into smaller pieces. I also get rid of unused food materials.

I place nutrients in the blood stream, which carries them to all of the body's cells.

Some of my organs are the stomach, esophagus, large intestine, and small intestine.

Who am I? _____

3. One of my jobs is to protect the body's internal organs. I also produce red and white blood cells.

I give the body shape and work with muscles to help the body move, jump, and stand.

Some of my organs are the skull, femur, vertebrae, and rib cage.

Who am I? _____

4. One of my main jobs is to help the body move, walk, run, and stretch.

I also help blood move through the body, push food down the esophagus, and help the stomach crush food into smaller pieces.

Some of my organs are the stomach, heart, biceps, and triceps.

Who am I? _____

5. I take oxygen into the lungs. I place this oxygen in the blood stream.

I also remove carbon dioxide from the body.

Some of my organs are the lungs, trachea, nose, and mouth.

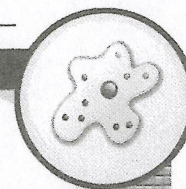
Who am I? _____

6. My main job is to help the body sense its environment. I also control all of the other systems of the body.

When the body comes into contact with hot objects, I use reflexes to prevent bodily injury.

Some of my organs include the brain, spinal cord, and nerves.

Who am I? _____



Organ Systems of the Human Body

MATCHING / MAGIC NUMBER

DIRECTIONS: Match each definition with the correct human body system. Then, copy the number from each answer into the box below with the matching letter. When you add three numbers down, across, or diagonally, the sums should all be the same.

- | | |
|---|-----------------|
| 1. _____ made up of several types of organs that help the body perform different jobs | a. muscular |
| 2. _____ allows the body to move | b. excretory |
| 3. _____ breaks down food and absorbs nutrients | c. immune |
| 4. _____ helps protect the body from disease and infection | d. skeletal |
| 5. _____ controls the body's functions and senses the environment outside the body | e. nervous |
| 6. _____ takes oxygen into the body and releases carbon dioxide | f. digestive |
| 7. _____ supports the body and protects its internal organs | g. respiratory |
| 8. _____ uses blood to bring nutrients and oxygen to cells of the body | h. organ system |
| 9. _____ removes wastes | i. circulatory |

a.	b.	c.
d.	e.	f.
g.	h.	i.

MAGIC NUMBER = _____

All Body Systems

Use the terms in the word box to label the illustration of each body system.

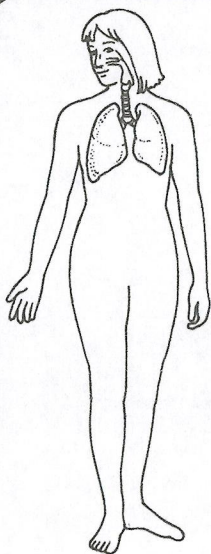
skeletal
lymphatic

respiratory
digestive

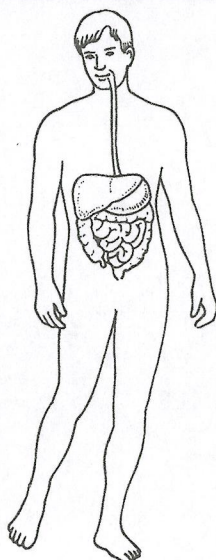
nervous
urinary

muscular
endocrine

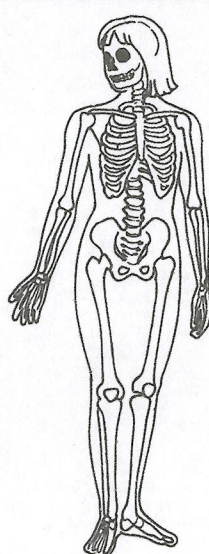
circulatory



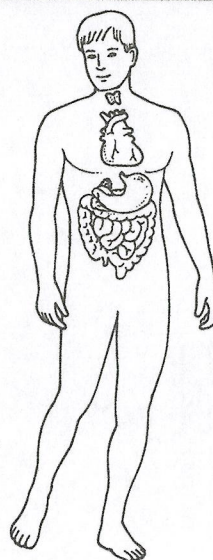
1



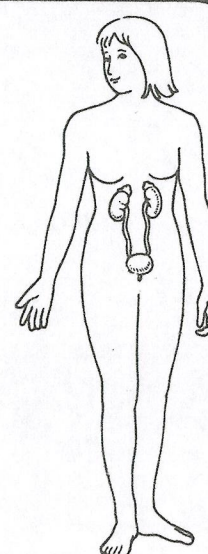
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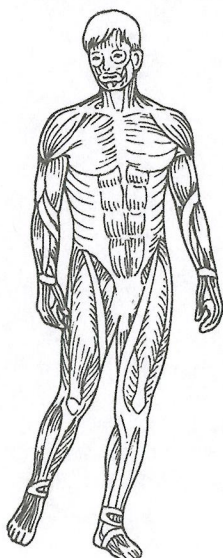
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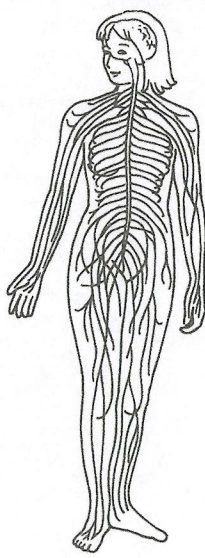
4 endocrine



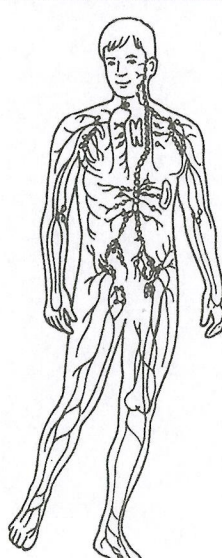
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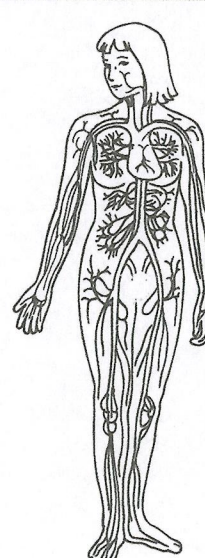
6



7



8 lymphatic



9

Identify the Systems

Match each term in the word box to its description.

skeletal
reproductive

respiratory
digestive

nervous
urinary

muscular
endocrine

circulatory
lymphatic

- 1 _____ This system acts as a means of support for the entire body.
- 2 lymphatic _____ This system works with the circulatory system to transport fluids and filter out bacteria and other foreign invaders.
- 3 _____ This system breaks down food into the nutrients it needs to function. It also carries indigestible food out of the body as waste.
- 4 _____ The main purpose of this system is to create a new living individual.
- 5 _____ This system contains organs that produce, collect, and eliminate urine from the body.
- 6 _____ This system controls movement of the body, the organs, and the beating of the heart.
- 7 _____ This system relays electrical impulses to and from the brain.
- 8 _____ The organs in this system are involved in the exchange of oxygen and carbon dioxide between the body and its environment.
- 9 endocrine _____ This is a system of glands that help body functions by the release of hormones.
- 10 _____ This system pumps nutrients and other essential materials to the cells and removes waste products from the cells through a system of vessels.