

Name: \_\_\_\_\_

Blk: \_\_\_\_\_ Date: \_\_\_\_\_

Science 8  
2.1 BODY SYSTEMS

Read pages 54-59 and then answer the following questions:

1. What are the 3 characteristics of any SYSTEM?

- \_
  
- \_
  
- \_

2. Use **Figure 2.4 on page 58** to complete the following:

A \_\_\_\_\_ is the basic unit of life.

Cells working together make up a \_\_\_\_\_.

An \_\_\_\_\_ consists of several types of tissues working together to perform a task.

A(n) \_\_\_\_\_ consists of a bunch of organs working together.

A (n) \_\_\_\_\_ is formed when of a bunch of organ systems work together

Fill in this chart:

Cell	Tissue	Organ	Organ System	Organism

3. Fill in the missing parts of this chart for the 11 HUMAN BODY SYSTEMS:

NAME OF SYSTEM	ORGANS/COMPONENTS INVOLVED	FUNCTION
	Blood vessels and Heart	
	Mouth, esophagus, stomach, large and small intestines, and others	
	White blood cells, and lymph nodes	
	Skin, hair, nails	
	Nerves	
	Muscles	
	bones	
	Kidneys, bladder, ureters	
	Reproductive organs	
	Hormone producing glands like the thyroid	
	Lungs, mouth, nose, trachea etc.	

4. Complete this table using Table 2.1 page 59

TYPE OF TISSUE	ROLE IN THE BODY
Muscle Tissue	
	Transfers signals in the body
Connective Tissue	
	Covers the surface of organs and the body, lines the inside of body parts.