

Structure and Function in Living Systems

Name:

Tissue Organizer

Period:

HOW LIFE IS ORGANIZED—REVIEW

Use Chapter 4, Section 3 of your textbook to help you with this quick review. Define the following terms and number them in the correct order from the smallest level (1) to the largest level (5) of organization.

level	term	letter	definitions
	tissues		a) a group of organs that work together to perform body functions
	cells		b) a group of similar cells that perform a common function
	organisms		c) anything that can carry out life functions by itself
	organs		d) smallest functional and structural unit of life
	organ systems		e) a collection of tissues that carry out a specialized function of the body

FOCUS IN ON TISSUES

Now, move on to Chapter 15, Section 1. Use Figure 1 to fill out the table below.

tissue type	location	location choices	function	function choices
connective		a) around organs		e) contract and relax for movement
epithelial		b) brain, nerves, sense organs		f) covers and protects tissue underneath
muscle		c) skin		g) sends electrical signals through the body
nervous		d) in muscles		h) joins and protects organs

On the back of this page, draw a person. On your diagram, label where you could find connective tissue, epithelial tissue, muscle tissue, and nervous tissue in the human body. Do not copy the diagram of the swimmer in the book!

