

The Body Book

Name: _____

Directions:

- As you learn about each organ system in the human body, you will complete a page in your body book.
- Your final body book, chapters 1-9, will be a formative grade. The argument piece, chapter 10, will count as a summative grade.
- You will keep your body book in your classroom folder, and you will be given class time to work on it for each page. You will use your video notes and class work as your resources.
- For each organ system, you will:
 - Draw in, label, and color the major organs.
 - Complete the levels of organization chart by listing the levels from most complex (top) to least complex (bottom).
 - Give a specific example of a structure within the given body system at each level of organization.
 - Identify major functions of that system.
 - Color code the drawn-in organs to match their names where they are listed in the chart.
 - Identify other systems the system interacts with and describe how.
 - List evidence that supports that the system is composed of groups of cells.
- You will use the evidence from your body book to write an argument that supports the statement "the body is a system of interacting subsystems composed of groups of cells." Your argument must include specific evidence and how/why that evidence is relevant (why it supports the claim).

Rubric

Exceeds Mastery	Mastery	Approaching Mastery	Beginning Mastery	Introductory	Inadequate
All components completed and correct	All components completed and correct	Most components completed and correct	Missing several components	Mostly incomplete	Completely incomplete
Neatly written, & drawn& colored	Neatly written, & drawn	Drawn	Some incorrect information	Mostly incorrect information	Completely incorrect information
Research is above and beyond expectation	Argument properly connects evidence to claim	Readable, but not neatly done	Cannot read writing	No evidence used to support claim	Not attempted or writing not related to claim
Proper writing structure (sentences, capitalization, spelling)		Proper evidence identified, but little connection to claim	Not drawn		
			Very little evidence identified		

Chapter 1:

Levels of Organization in the Human Body

The human body is classified as an..... _____.

An organism is composed of..... _____.

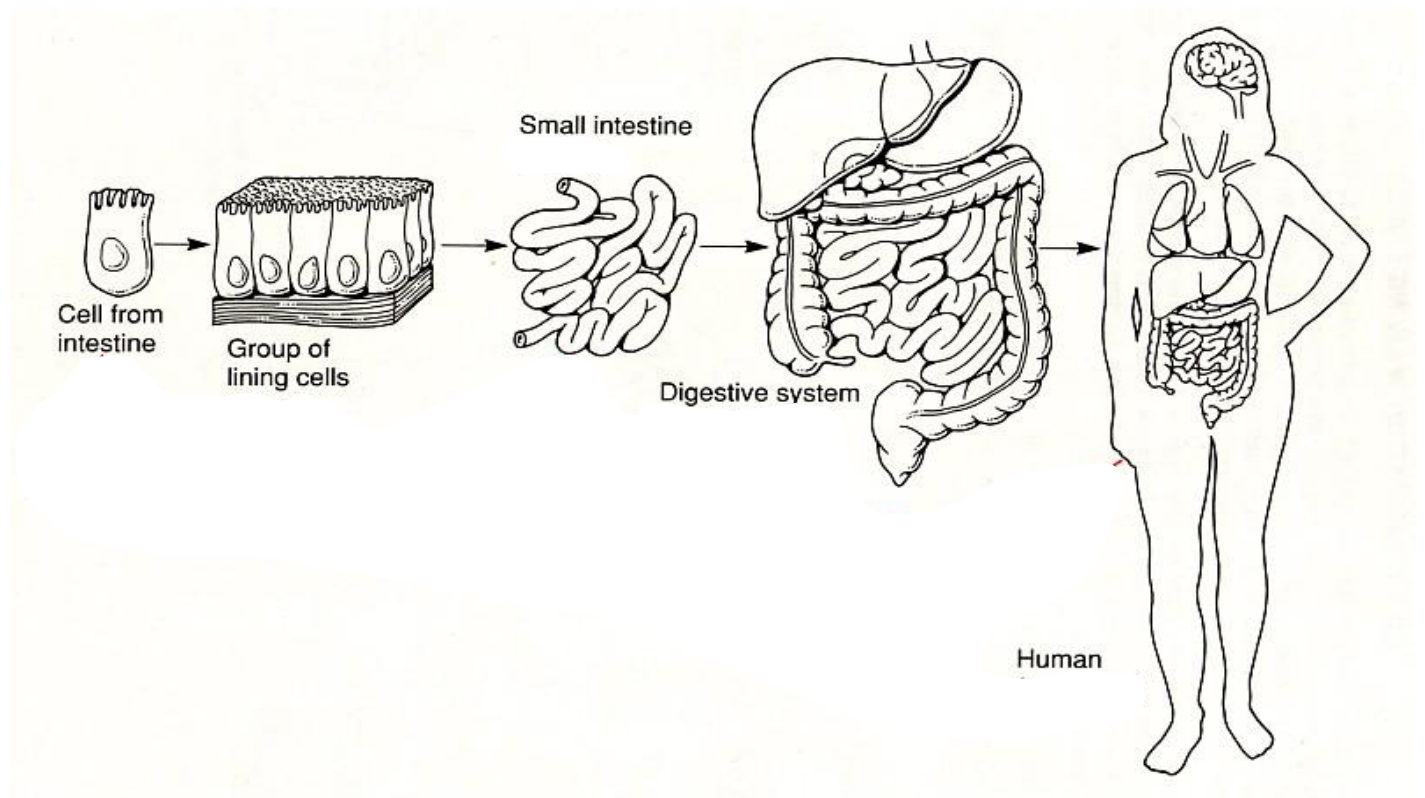
Organ systems are composed of..... _____.

Organs are composed of _____.

Tissues are composed of _____.

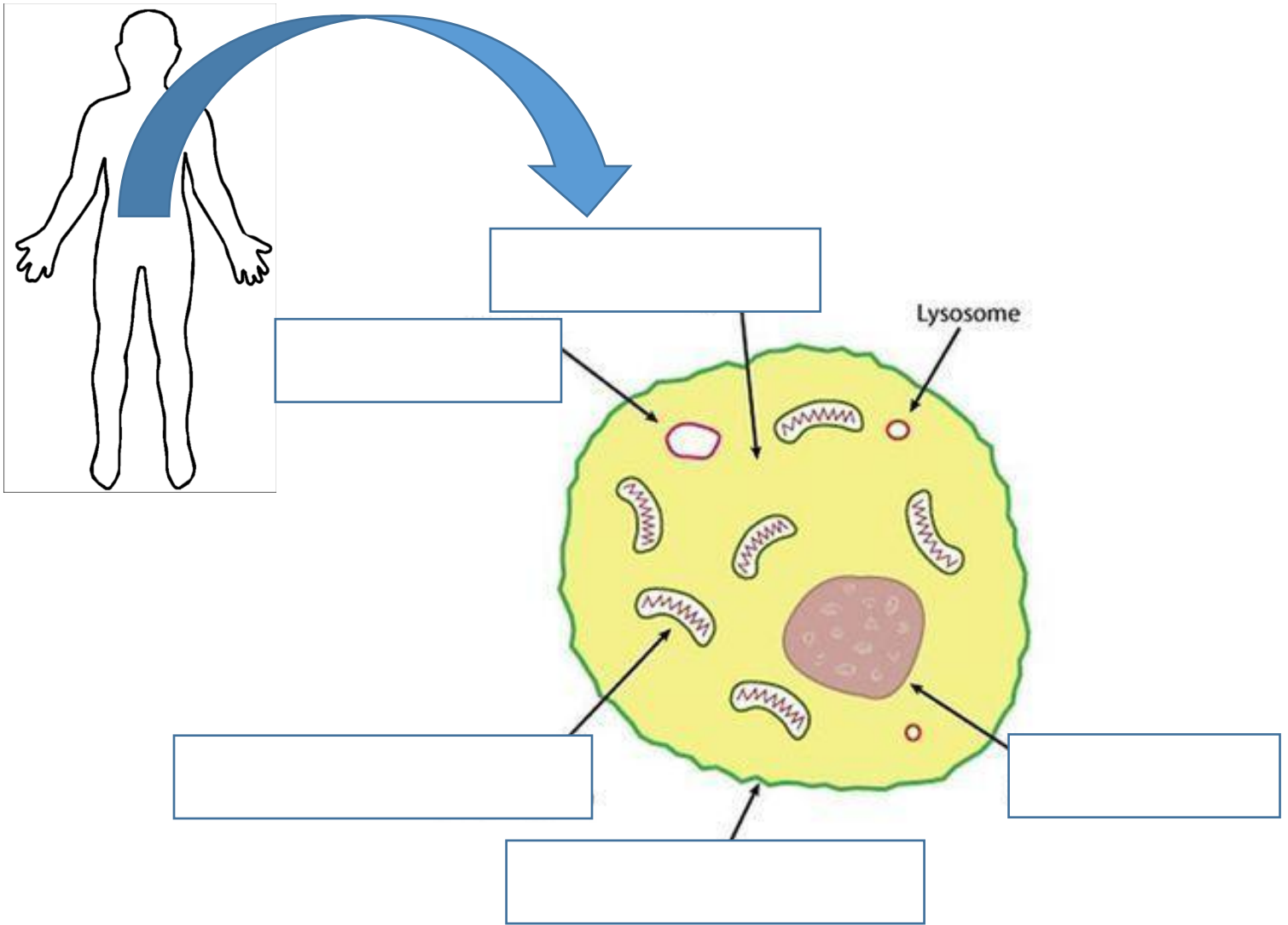
Cells are composed of..... _____.

Labeled examples of structures from each level of organization:



Chapter 2:

Bodies are made of CELLS!



Each cell is made of structures called _____.

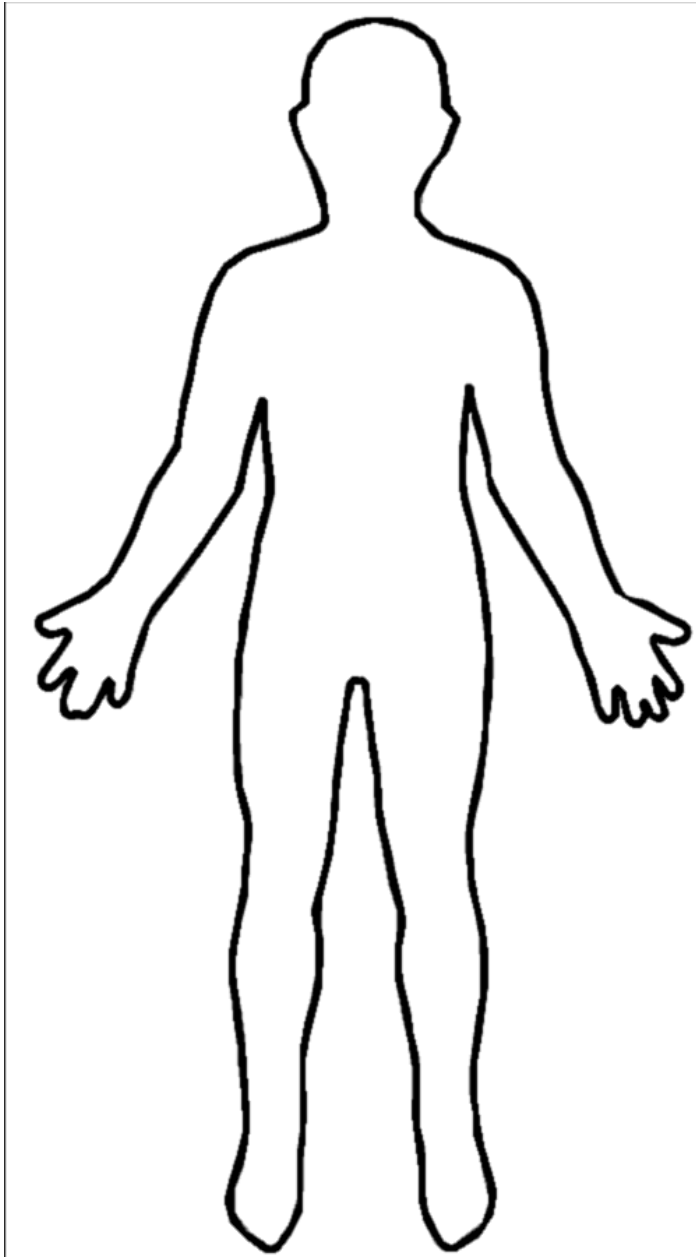
Organelle	Function

Human body cells are classified as eukaryotic because _____

_____.

Chapter 3:

SKELETAL SYSTEM



Levels of Organization Chart
Specialized structures or substances important to this organ system:

This organ system performs these functions for the human body:

1. _____
2. _____
3. _____
4. _____
5. _____

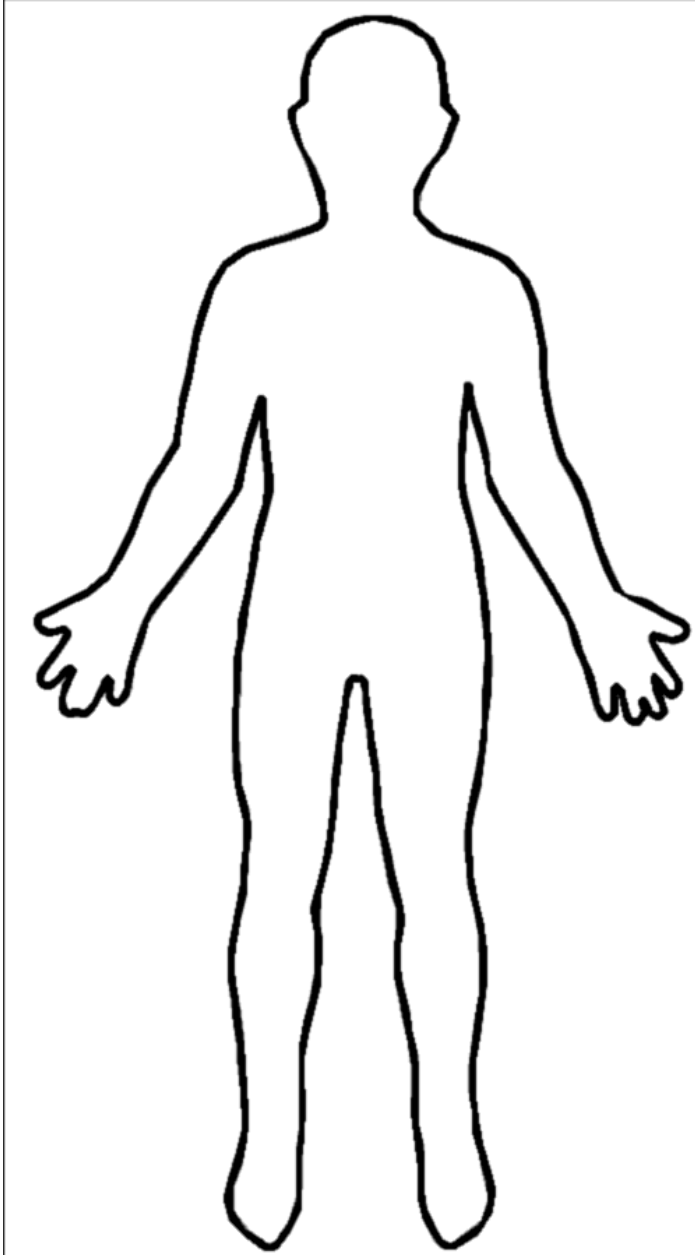
Other Systems

Describe how this system interacts with other body systems:

List the evidence that you have that this body system is composed of groups of cells:

Chapter 4:

MUSCULAR SYSTEM



Levels of Organization Chart

Specialized structures or substances important to this organ system:

This organ system performs these functions for the human body:

1. _____
2. _____
3. _____

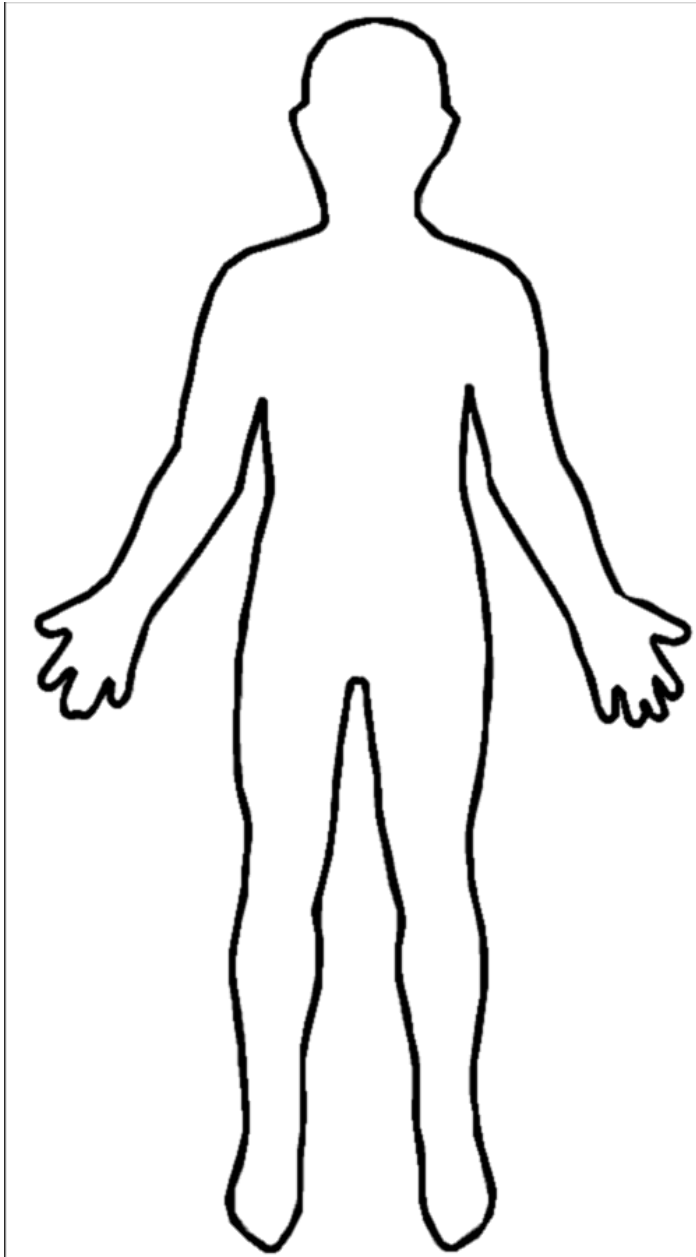
Other Systems

Describe how this system interacts with other body systems:

List the evidence that you have that this body system is composed of groups of cells:

Chapter 5:

RESPIRATORY SYSTEM



Levels of Organization Chart
Specialized structures or substances important to this organ system:

This organ system performs these functions for the human body:

1. _____
2. _____

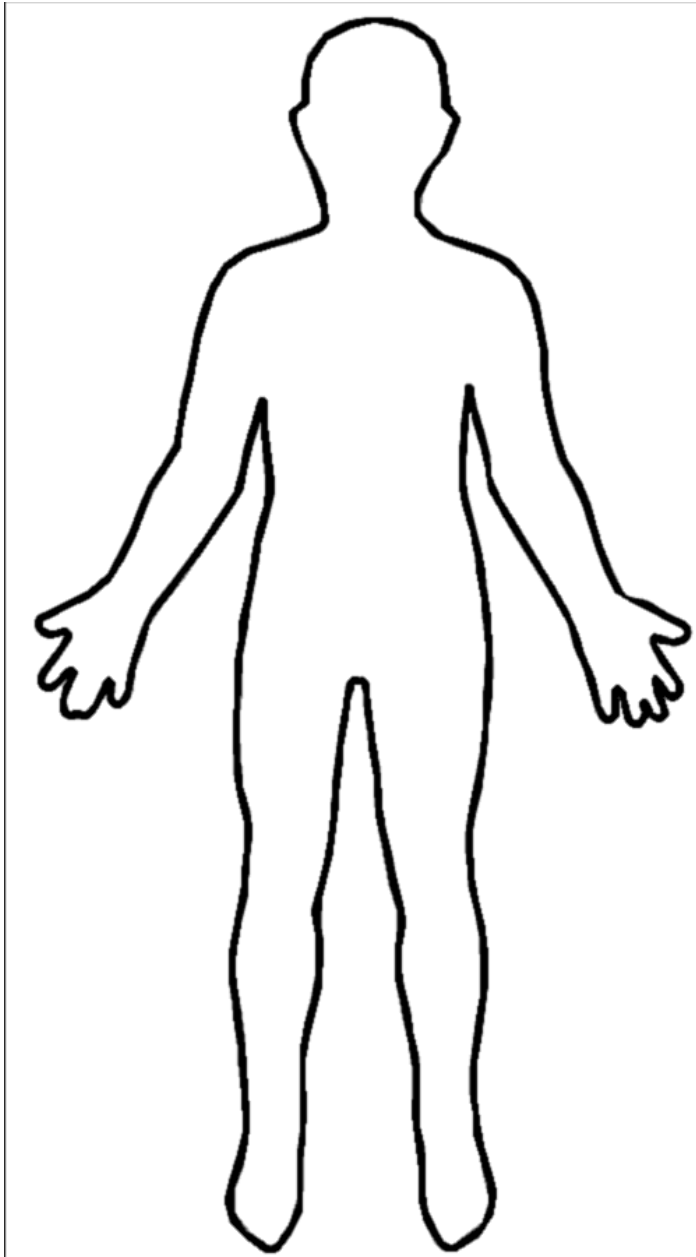
Other Systems

Describe how this system interacts with other body systems:

List the evidence that you have that this body system is composed of groups of cells:

Chapter 6:

CIRCULATORY SYSTEM



Levels of Organization Chart

Specialized structures or substances important to this organ system:

This organ system performs these functions for the human body:

1. _____
2. _____
3. _____
4. _____

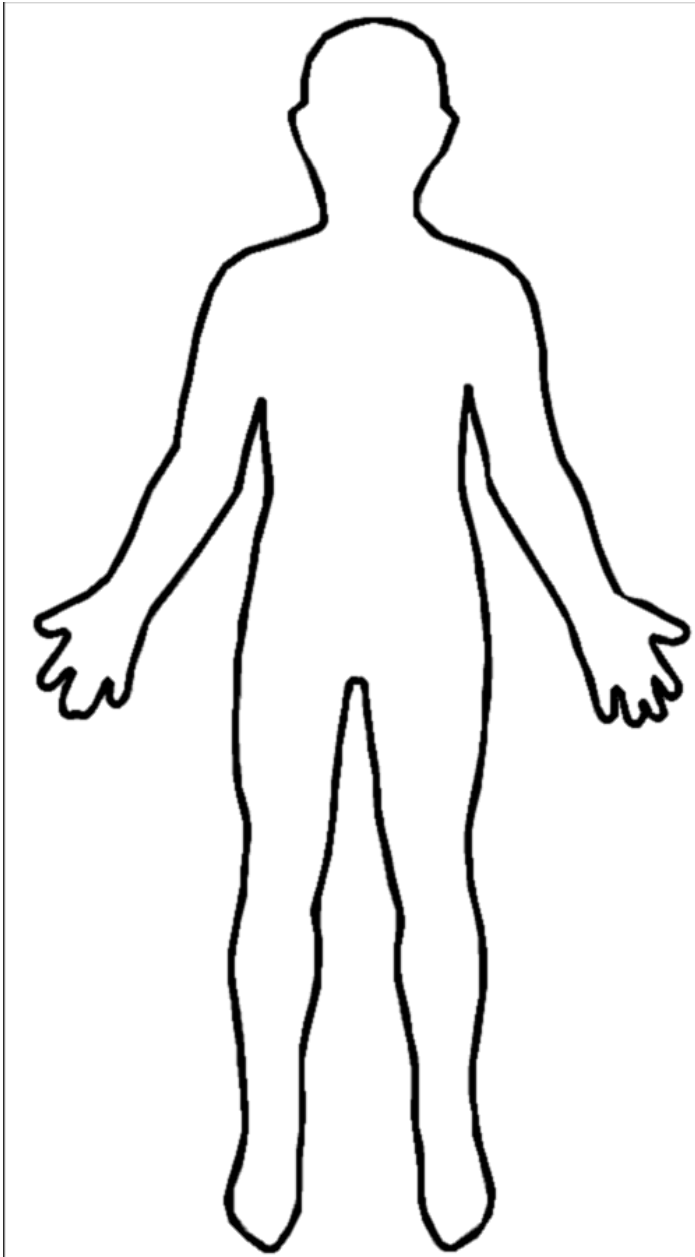
Other Systems

Describe how this system interacts with other body systems:

List the evidence that you have that this body system is composed of groups of cells:

Chapter 7:

DIGESTIVE SYSTEM



Levels of Organization Chart

Specialized structures or substances important to this organ system:

This organ system performs these functions for the human body:

1. _____
2. _____

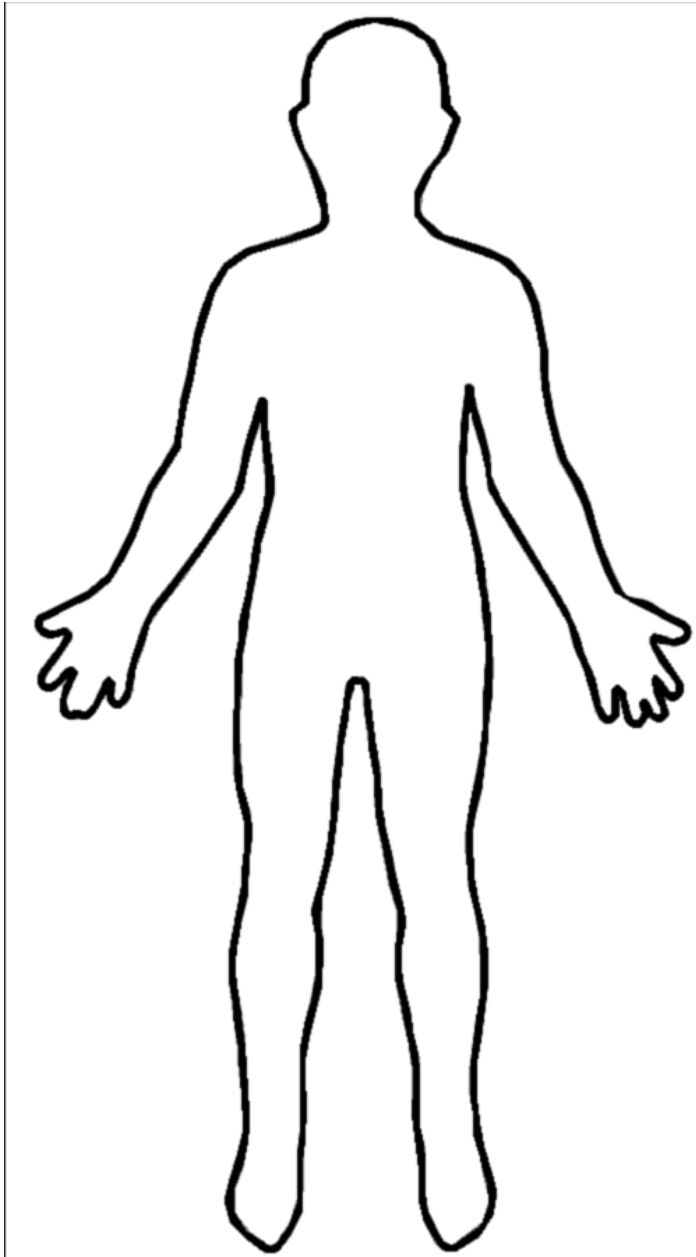
Other Systems

Describe how this system interacts with other body systems:

List the evidence that you have that this body system is composed of groups of cells:

Chapter 8:

NERVOUS SYSTEM



Levels of Organization Chart
Specialized structures or substances important to this organ system:

This organ system performs these functions for the human body:

1. _____
2. _____

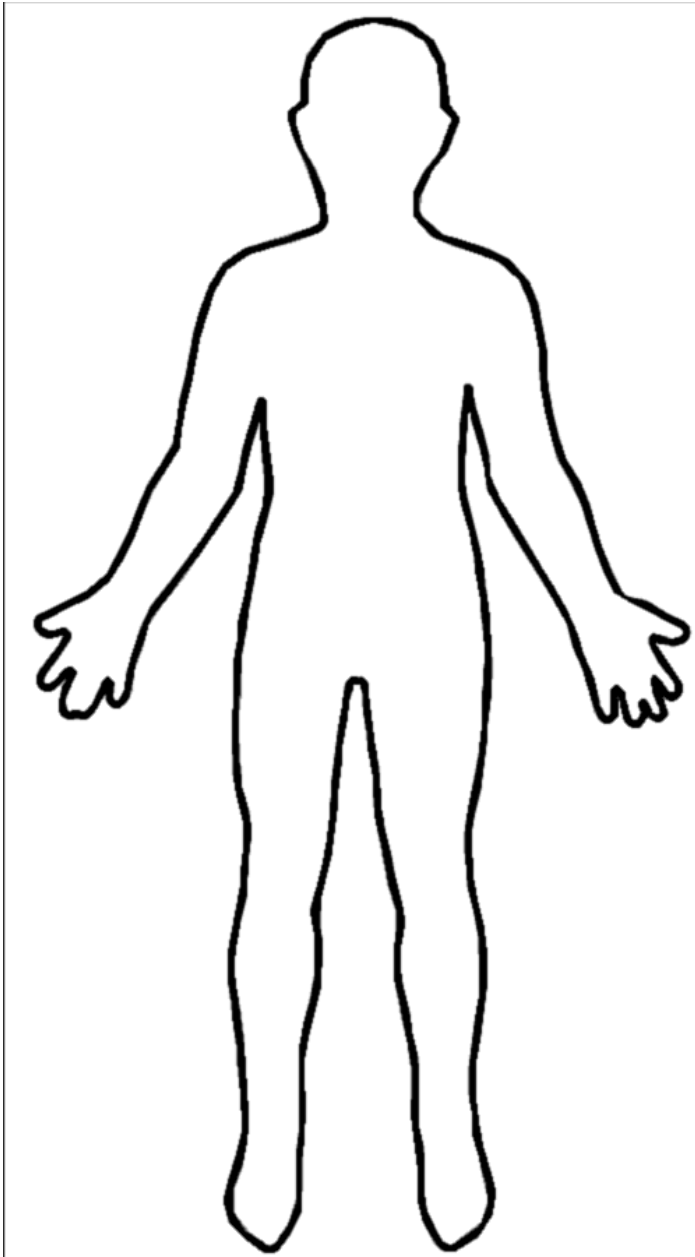
Other Systems

Describe how this system interacts with other body systems:

List the evidence that you have that this body system is composed of groups of cells:

Chapter 9:

EXCRETORY SYSTEM



Levels of Organization Chart

Specialized structures or substances important to this organ system:

This organ system performs these functions for the human body:

1. _____
2. _____
3. _____

Other Systems

Describe how this system interacts with other body systems:

List the evidence that you have that this body system is composed of groups of cells:

Chapter 10: Argument

Directions: Write an argument to support the claim that the body is a system of interacting subsystems composed of groups of cells. Use the research from your body book as evidence.

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

