

Section 1.1 and 1.2- The Human Body and Anatomical Terms
Regular Anatomy

Section 1.1

1. The study of structures of the human body is called _____.
2. The study of the functions of the structures is called _____.
3. Explain how anatomy and physiology are closely related by using simple squamous epithelial tissue as an example. (You may need to go to another chapter to find information about simple squamous epithelial tissue.)

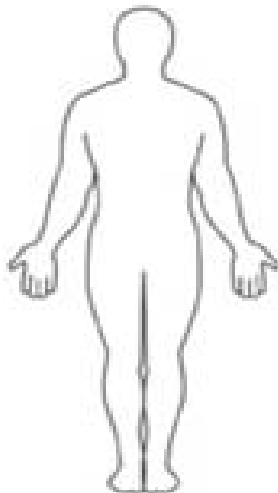
Organization of the Human Body

Using the list below, create a flow map illustrating the levels of organization in the human body.

atoms
cells
macromolecules
molecules
organ systems
organelles
organism
organs
tissues

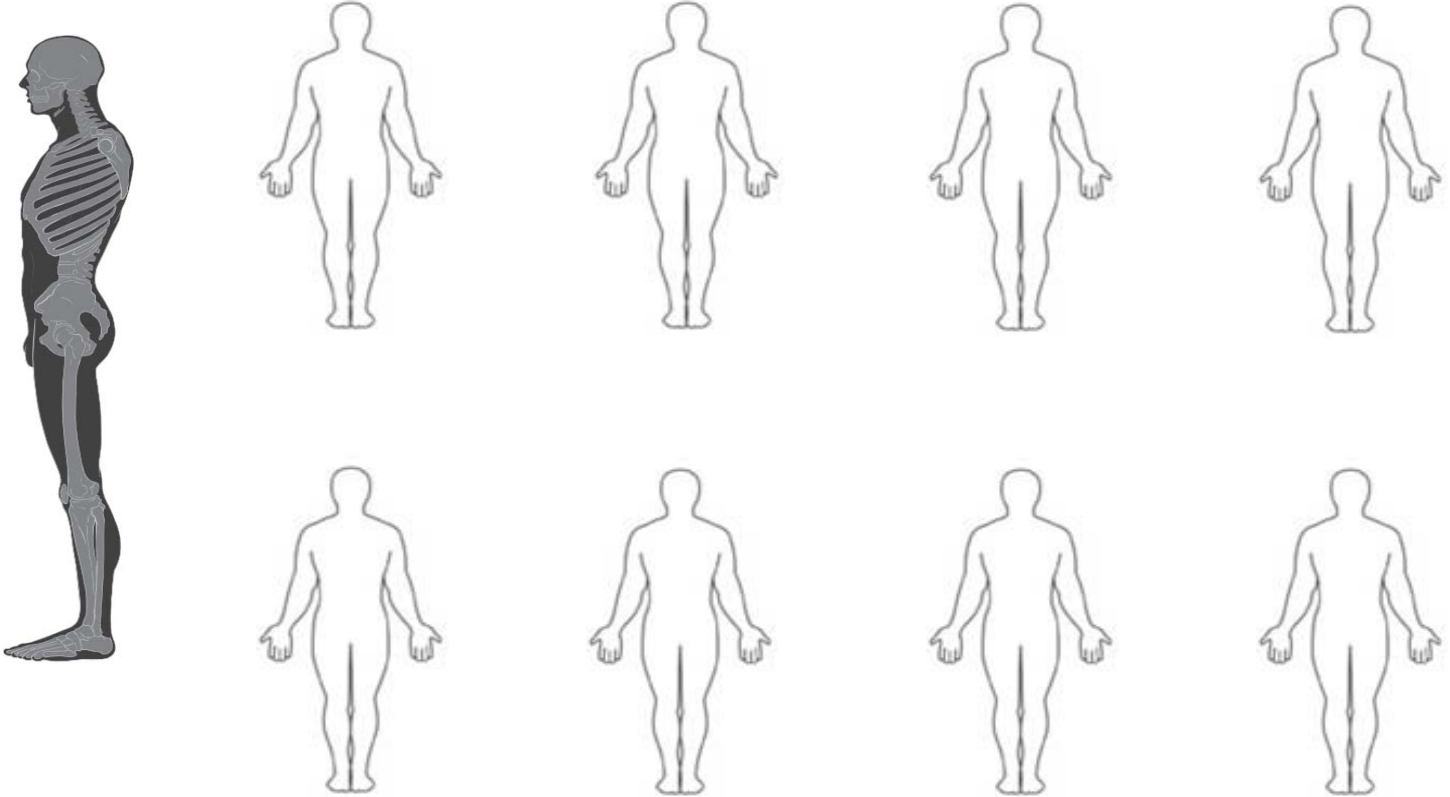
Section 1.2

1. The reference point used to determine the body's position, in which the body is standing erect, face forward, arms at sides, and palms and toes directed forward is called _____
_____.



Directional Terms

Using the list below, draw and label the directional terms on the body's. Be sure to correctly pair the directional terms.



Anterior

Deep

Distal

Inferior

Lateral

Medial

Posterior

Proximal

Superficial

Superior

Regions of the Body

1. Label the division of the body illustrated below.



2. Label the division of body illustrated below.



Using the list, label the terms of body parts on the diagram below. On the left side of the diagram, use the anatomical terms for body parts and on the right side of the diagram use the common names.

Cephalic ————— Head



Antebrachial

Brachial

Crural

Femoral

Using the list, label the terms of body parts on the diagram below. On the left side of the diagram, use the anatomical terms for body parts and on the right side of the diagram use the common names.



Acromial
Carpal

Cervical
Coxal

Pectoral
Pedal

Sternal
Tarsal

Umbilical

Using the list, label the terms of body parts on the diagram below. On the left side of the diagram, use the anatomical terms for body parts and on the right side of the diagram use the common names.



Dorsum

Gluteal

Lumbar

Sacral

Vertebral

Planes of the Body

Draw and label the 3 body planes. Draw only one body plane for each figure.

