

Section 1.3 and 1.4- Body Cavities, Membranes, and Organ Systems
Regular Anatomy

Section 1.3

Body Cavities

On the diagram below, label the 2 major cavity divisions of the human body.



On the left diagram below, label the 2 subdivisions of the posterior cavity. On the right diagram below, label the 2 subdivisions of the anterior cavity



Posterior Cavity



Anterior Cavity

1. Membranes that line the posterior cavity are called _____.
2. Membranes that line the anterior cavity are called _____.

On the left diagram, label the subdivisions of the thoracic cavity. On the right diagram, label the subdivisions of the abdominopelvic cavities.



Thoracic Cavity



Abdominopelvic Cavity

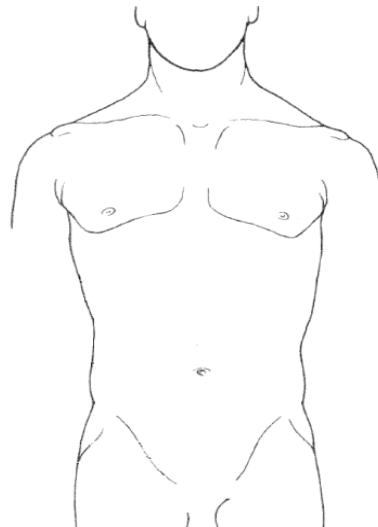
1. The major organ found within the pericardial cavity is the _____.
2. The major organ found within the pleural cavity are the _____.
3. List 3 organs found in the abdominopelvic cavity.

Serous Membranes

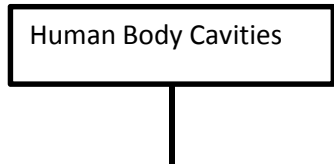
1. List the 4 parts of serous membranes that line the anterior cavity.
 - a. The inner serous membrane that actually covers and touches the organ is called the _____.
 - b. The outer serous membrane that lines the cavity walls is called the _____.
 - c. List 2 functions of serous fluid.

Quadrants

On the diagram below, draw and label the 4 quadrants that help physicians identify the location of various symptoms.



Using the list below, create a tree map of the human body's cavities.



Abdominal cavity
Abdominopelvic cavity
Anterior cavity

Cranial cavity
Mediastinum
Pelvic cavity

Pericardial cavity
Pleural cavity
Posterior cavity

Thoracic cavity
Vertebral canal

Section 1.4

Organ Systems

Using the list below, create a tree map of the different organ systems based on functions. You may want to turn your paper to landscape for more room.

Organ Systems

Cardiovascular System

Digestive System

Endocrine System

Integration and Coordination

Integumentary System

Lymphatic System

Maintenance of the Body

Muscular System

Nervous System

Reproduction and Development

Reproductive System

Respiratory System

Skeletal System

Support, Movement, Protection

Urinary System