Study Guide for Unit 1 Test

* Anatomy
* Physiology
  + How are the two terms related?
* Levels of organization
* Characteristics of life
* Requirements for life
* Homeostasis
  + Be able to provide an example or recognize one
  + 3 components to homeostatic mechanism
  + Explain homeostatic diagram
* Negative feedback
  + How does it keep a body in homeostasis
  + What is it?
  + Example
* Positive feedback
  + How does it differ from negative feedback
  + Example
* Body cavities (be able to label all on a diagram)
  + 2 regions: ventral and dorsal
    - Dorsal
      * Cranial cavity- what’s found here?
      * Vertebral cavity- what’s found here?
    - Ventral:
      * Thoracic
        + Pleural cavities- what’s found here?
        + Mediastinum region- what’s found here?

Pericardial cavity

* + - * Abdominopelvic
        + Abdominal cavity
        + Pelvic cavity
      * What separates the thoracic from the abdominopelvic?
  + Viscera
* Membranes
  + Serous membranes
    - Parietal vs. visceral layer
    - Serous fluid
    - Pericardial membrane- heart
      * Visceral pericardium vs. parietal pericardium
    - Abdominopelvic cavity= peritoneal membranes
      * Parietal peritoneum
      * Visceral peritoneum
* Relative position
  + Superior vs. inferior
  + Anterior/ventral vs. posterior/dorsal
  + Medial vs. lateral
  + Proximal vs. distal
  + Superficial/peripheral vs. deep
* Body sections (be able to identify and describe)
  + Sagittal and midsagittal
  + Transverse
  + Coronal/frontal
* Cylindrical organ cut (be able to identify)
  + Cross section, oblique, longitudinal
* Body regions
  + 9 abdominal regions (be able to label)
  + 4 abdominal quadrants (be able to label)
* Describe anatomical position
* Know the different human body systems and their functions (likely a matching question)