**Videos: *Anatomy, Physiology and Homeostasis* Name**

**1. Characteristics of Human Life**

* *List the 10 characteristics and their definition.*

1. **Levels of Organization of Body Structure and Function**

* *List and describe the seven levels of body structure and function.*

1. **Anatomical Positions and Directional Terms**

* *What are the four parts of the anatomical position?*
* *Define the following directional terms.*
  + Superior
  + Inferior
  + Anterior
  + Posterior
  + Ventral
  + Dorsal
  + Medial
  + Lateral
  + Proximal
  + Distal
  + Superficial
  + Deep

1. **Body Planes**

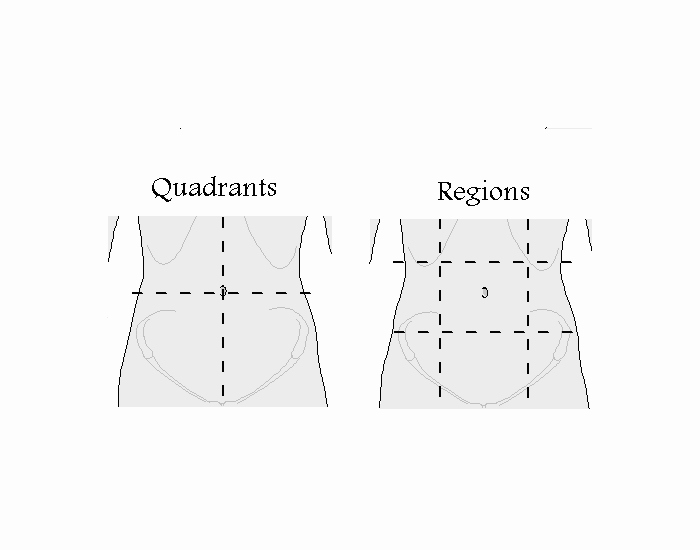
* Plane
* *List and define the three major body planes.*

1. **Body Cavities**

* *List and describe the cavities of the body.*
  + Dorsal
  + Ventral

1. **Abdominopelvic Regions and Abdominal Quadrants**

* *List the six abdominopelvic regions and four abdominal quadrants in their proper area on the diagrams.*

1. **Homeostasis**

* *Define homeostasis.*
* *Define set point.*

1. **Homeostatic Control Mechanisms or Systems**

* *How do cells maintain homeostasis?*
* *How does the body maintain homeostasis when running or jogging?*
* *List and define the four major components of homeostatic control mechanisms.*

1. **Positive and Negative Feedback**

* *Define feedback control loop.*
* *List three types of feedback control loops.*
* *Define negative feedback control loop.*
* *Define positive feedback control loop.*

1. **Example of Homeostasis: Bone Breaks and Healing**

* *List and define the four types of bone fractures.*
* *List and define the four types of bone cells.*
* *List the parts of bone fracture healing.*
* *List five things that can impair proper bone fracture healing.*