

Introduction to anatomy  
Read chapter 1 Page 3-22

1. Define anatomy and physiology
2. Explain the relationship between anatomy and physiology
3. List the levels of organization in the body
4. Identify the organ systems functions and organs.
5. Define homeostasis and explain the role of negative feedback in maintaining homeostasis.
6. Define anatomical position and explain its importance.
7. Identify anatomical regions.
8. Identify directional terms.
9. Identify planes of body.
10. Identify body cavities
11. Identify the membrane coverings of the viscera

Vocabulary:

|   |                             |                   |                          |          |
|---|-----------------------------|-------------------|--------------------------|----------|
| Anatomy                                     | Physiology                  | gross anatomy     | embryology               | cytology |
| Histology                                   | homeostasis                 | autoregulation    | extrinsic regulation     | receptor |
| Control center                              | Effector                    | negative feedback | positive feedback        | supine   |
| Prone                                       | anatomical position (on CS) |                   | abdominopelvic quadrants |          |
| Abdominopelvic regions                      | Dorsal cavity*              |                   | ventral cavity (coelom)  |          |
| Diaphragm                                   | Thoracic cavity             |                   | abdominopelvic cavity    |          |
| Viscera                                     | Pleural cavities            |                   | mediastinum              |          |
| pericardial cavity                          |                             |                   |                          |          |
| Directional terms page 19 and on colorsheet |                             |                   |                          |          |
| Planes of body page 20 and on colorsheet    |                             |                   |                          |          |