

Human Physiology 110: Unit 4 Support and Movement Exam Review

pg 358 Vocabulary Review Matching #1, 2,3, 4, 6, 7

pg 358 Applying Definitions # 2, 4, 5, 6, 7, 8

Pg 359 Concept review: Understanding a Diagram #1, 2, 4, 5

Content Review. Write T if the statement is true. If it is false, change the underlined words to make it true:

1. The skull protects the brain.
2. The bones of the arms and legs are part of the axial skeleton.
3. Cartilage is the tough, but flexible material in the ears.
4. Skeletal muscles can only push bones.
5. Inflamed joints are the main symptom of muscular dystrophy.
6. Involuntary muscles are muscles that cannot be controlled.
7. Blood cells are made in the tendons of bones.
8. Cardiac muscle is found only in the lungs.
9. Fixed joints are found in the skull.
10. Bones get their strength from calcium.
11. Your upper arm is connected to your shoulder by a hinge joint.
12. The tip of your nose is made up of cartilage.

Review Questions:

1. What are five functions of the skeleton?
2. Describe what happens to the skeleton of a baby during development and after birth?
3. Describe three problems of the skeletal system.
4. Explain how muscles work, using the biceps and triceps as examples.
5. What are the four types of joints found in your skeletal system and how do they work?
6. What is bone marrow and what is the difference between red bone marrow and yellow bone marrow?

Label the following diagram using the words below:

pelvis radius femur ulna tibia skull
clavicle scapula mandible
rib cage backbone fibula
humerus sternum

- (1) _____
- (2) _____
- (3) _____
- (4) _____
- (5) _____
- (6) _____
- (7) _____
- (8) _____
- (9) _____
- (10) _____
- (11) _____
- (12) _____
- (13) _____
- (14) _____

