

Name _____ Class _____ Date _____

Chapter 20 Support and Movement

Chapter Test

Multiple Choice

In the space provided, write the letter of the answer that best completes each statement.

- ____ 1. The human skeletal system is made up of 206
(a) ligaments (b) bones (c) muscles (d) tendons
- ____ 2. The appendicular skeleton does *not* include the
(a) pelvis (b) shoulder bone (c) rib cage (d) hip bone
- ____ 3. New blood cells are made in
(a) yellow marrow (b) red marrow
(c) the periosteum (d) compact bone
- ____ 4. Joints that allow bones to move in only one direction are
(a) ball-and-socket joints
(b) gliding joints
(c) pivotal joints
(d) hinge joints
- ____ 5. As a baby develops, the cartilage in its skeleton is replaced by
(a) bone (b) muscles
(c) yellow bone marrow (d) ligaments
- ____ 6. The type of muscle found in the walls of the blood vessels is
(a) smooth (b) voluntary (c) cardiac (d) skeletal
- ____ 7. The spaces in spongy bone are filled with
(a) cartilage (b) yellow marrow
(c) fat cells (d) red marrow
- ____ 8. The cause of muscular dystrophy is
(a) strong muscle contractions
(b) unknown
(c) lack of exercise
(d) muscle tears
- ____ 9. Which of the following statements does *not* describe the actions of muscles?
(a) Muscles always work in pairs.
(b) Muscles move bones when they contract.
(c) Muscles can only push bones.
(d) Muscles can only pull bones.
- ____ 10. The main function of the skin is to
(a) make blood cells
(b) store minerals that the body needs
(c) protect the body
(d) move muscles

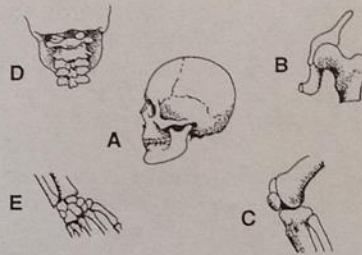
Matching

Match each description with the correct term. Write the letter in the space provided.

- | | |
|------------------------|---|
| ___ 11. Tendons | (a) bends the arm |
| ___ 12. Ligaments | (b) outer layer of skin |
| ___ 13. Cardiac muscle | (c) found in the heart |
| ___ 14. Epidermis | (d) skull, rib cage, and backbone |
| ___ 15. Arthritis | (e) bands of tissue that connect muscles to bones |
| ___ 16. Axial skeleton | (f) bands of tissue that connect bone to bone |
| ___ 17. Biceps | (g) inflamed joints |

Match each joint shown in the diagram with the correct type of joint. Write the letter in the space provided.

- ___ 18. Fixed joint
- ___ 19. Gliding joint
- ___ 20. Hinge joint
- ___ 21. Pivotal joint
- ___ 22. Ball-and-socket joint



Essay

Answer the following questions in complete sentences.

23. What structures are found in the dermis layer of the skin? _____

24. What are three functions of the skeletal system? _____

25. How do muscles work to move bones? _____

Use the bones listed below to label the diagram on the next page.

HUMAN SKELETON

Clavicle

Ulna

Tibia

Tarsals

Phalanges

Femur

Scapula

Rib

Sternum

Cranium

Pelvis

Patella

Fibula

Metatarsals

Carpals

Vertebrae

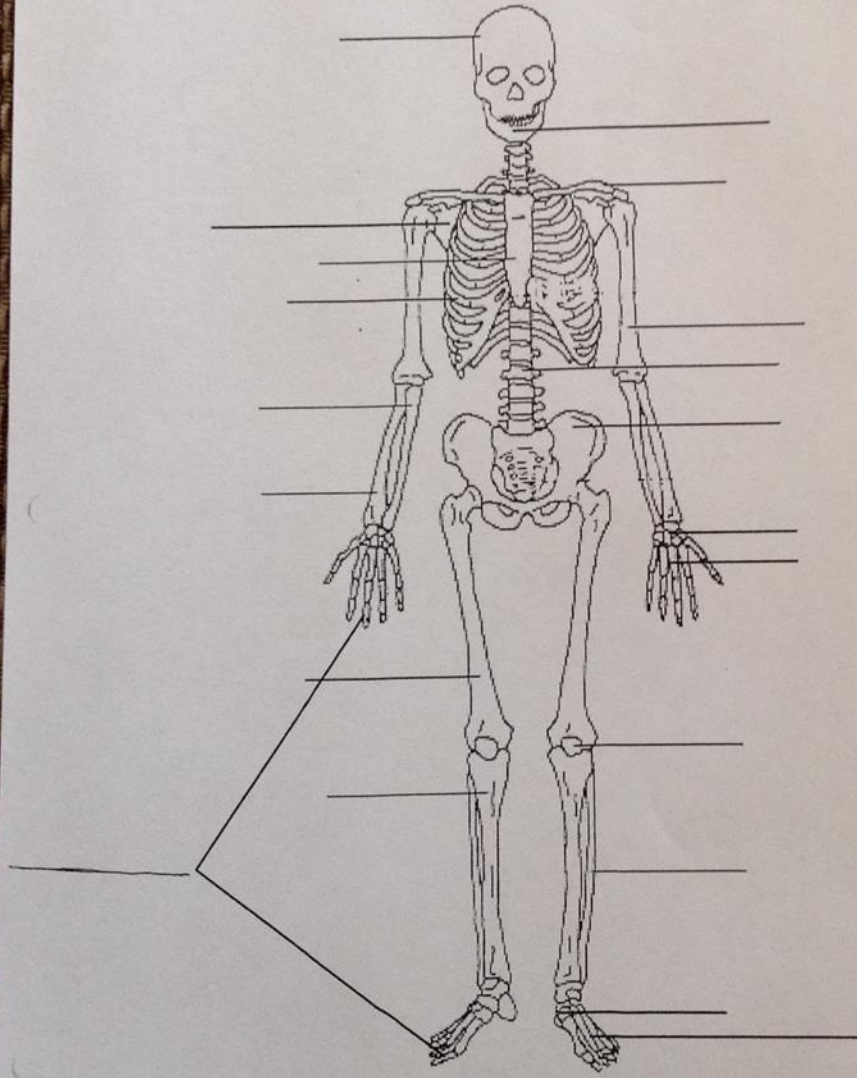
Humerus

Mandible

Metacarpals

Radius

Diagram of a Human Skeleton (ADVANCED)



Muscles

Label the muscles in the diagram using terms in the box below. There is an extra term in the box. (16)

TERMS

hamstring
 quadricep
 rhomboid
 erector spinae
 adductor
 deltoid
 pectoral
 soleus
 glutes

latissimus dorsi
 tricep
 oblique
 bicep
 gastrocnemius
 rectus abdominus
 trapezius

