

## Skills Worksheet

**Directed Reading A****Section: The Skeletal System****BONES**

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

- |  |              |
|--|--------------|
| _____ 1. makes up skeletal system along with bones and connective tissue | a. minerals  |
| _____ 2. protects your heart and lungs                                   | b. cartilage |
| _____ 3. stored in bones   | c. ribs      |
| _____ 4. makes blood cells   | d. marrow    |

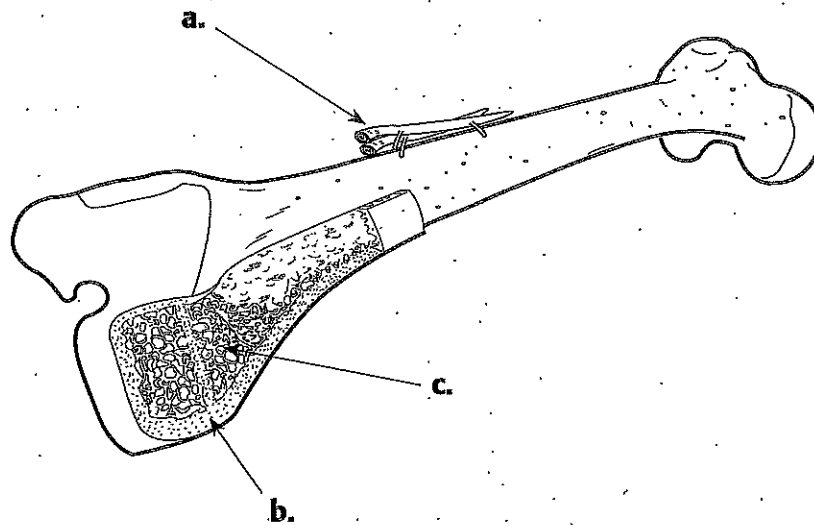
**Bone Structure**

Write the letter of the correct answer in the space provided.

- \_\_\_\_\_ 5. What words describe compact bone?  
a. soft and moist  
b. hard and dense  
c. dry and brittle  
d. round and hollow
- \_\_\_\_\_ 6. What can you find inside compact bone?  
a. small blood vessels  
b. open spaces  
c. marrow  
d. soft tissue
- \_\_\_\_\_ 7. What does spongy bone have a lot of?  
a. blood vessels  
b. dead cells  
c. water  
d. open spaces
- \_\_\_\_\_ 8. What kind of bone tissue gives bones most of their strength and support?  
a. compact bone  
b. spongy bone  
c. red marrow  
d. yellow marrow

**Directed Reading A *continued***

Use the figure below to answer questions 9 through 11. Write the letter of the correct answer in the space provided.



- \_\_\_\_\_ 9. spongy bone
- \_\_\_\_\_ 10. compact bone
- \_\_\_\_\_ 11. blood vessels

**Bone Growth**

Write the letter of the correct answer in the space provided.

- \_\_\_\_\_ 12. What is most of your skeleton made of when you are born?
  - a. marrow
  - b. compact bone
  - c. cartilage
  - d. spongy bone

**JOINTS**

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

- |   |                          |
|---|--------------------------|
| _____ 13. lets you straighten and bend your leg | a. gliding joint         |
| _____ 14. lets you move your arm all around     | b. hinge joint           |
| _____ 15. lets you move your wrist              | c. ball-and-socket joint |

**Directed Reading A *continued***

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

- |   |                |
|---|----------------|
| _____ 16. the place where two or more bones meet        | a. ligament    |
| _____ 17. pads the place where two or more bones meet   | b. fixed joint |
| _____ 18. band of stretchy tissue that connects bones   | c. joint       |
| _____ 19. type of joint in which bones move very little | d. cartilage   |

**SKELETAL SYSTEM INJURIES AND DISEASES**

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

- |   |                     |
|---|---------------------|
| _____ 20. an injury in which one or more bones have been moved out of place | a. sprain           |
| _____ 21. an injury in which a ligament is stretched too far or torn        | b. arthritis        |
| _____ 22. a disease in which bones become weak and soft                     | c. osteoporosis     |
| _____ 23. a disease in which joints hurt and become stiff                   | d. dislocated joint |

Skills Worksheet

# Vocabulary and Section Summary B

## The Skeletal System

### VOCABULARY

After you finish reading the section, try this puzzle! Use the clues to solve the crossword puzzle below.

#### ACROSS

3. disease in which the bones become less dense
4. flexible tissue that can turn into bone
5. group of organs that protect, support, and move the body (two words)
7. the type of bone tissue that gives a bone strength and support (two words)
8. the type of bone tissue that is rigid and dense (two words)
9. a disease that affects the joints

#### DOWN

1. special material in bone that makes blood cells
2. a place where two or more bones meet
3. cells that deposit minerals that create bone
5. occurs when a ligament is stretched too far or torn
6. a strong elastic band that holds a joint together

