

## 6 Musculoskeletal System

### A. Writing Word Parts

Write the combining form(s) that correspond to each of the following

1. coccyx \_\_\_\_\_
  2. femur \_\_\_\_\_
  3. fibula \_\_\_\_\_
  4. humerus \_\_\_\_\_
  5. ilium \_\_\_\_\_
  6. ischium \_\_\_\_\_
  7. lumbar \_\_\_\_\_
  8. pelvis \_\_\_\_\_
  9. radius \_\_\_\_\_
  10. rib \_\_\_\_\_
  11. sacrum \_\_\_\_\_
  12. tibia \_\_\_\_\_
  13. ulna \_\_\_\_\_
  14. vertebra \_\_\_\_\_
- or \_\_\_\_\_

### B. Matching Common Names of Bones

Match the name of the bone in the left column with its common name in the right column. Different hip bones will have the same common name.

- |                    |                             |
|--------------------|-----------------------------|
| _____ 1. carpals   | a. ankle bones              |
| _____ 2. clavicle  | b. bones of fingers or toes |
| _____ 3. cranium   | c. breastbone               |
| _____ 4. femur     | d. collarbone               |
| _____ 5. ilium     | e. pelvic bone              |
| _____ 6. ischium   | f. kneecap                  |
| _____ 7. patella   | g. shoulder blade           |
| _____ 8. phalanges | h. skull                    |
| _____ 9. pubis     | i. thigh bone               |
| _____ 10. scapula  | j. wrist bones              |
| _____ 11. sternum  |                             |
| _____ 12. tarsals  |                             |



**C. Writing Word Parts**

Write word parts for the following terms.

- 1. bursa \_\_\_\_\_
- 2. calcium \_\_\_\_\_
- 3. cartilage \_\_\_\_\_
- 4. joint \_\_\_\_\_
- 5. stiff \_\_\_\_\_
- 6. tendon \_\_\_\_\_
- 7. weakness \_\_\_\_\_

**D. Filling in the Blanks**

Write a letter in each of the blanks to complete the terms.

- 1. A chronic disease involving the bones and joints is osteo\_\_\_\_\_itis.
- 2. Beneath cartilage is sub\_\_\_\_\_.
- 3. Inflammation of a bone is \_\_\_\_\_itis.
- 4. Muscular weakness is \_\_\_\_\_asthenia.
- 5. Replacement of bone marrow by fibrous tissue is \_\_\_\_\_fibrosis.
- 6. Bending of a limb at a joint is called f\_\_\_\_\_.
- 7. Pertaining to the muscle and fascia is \_\_\_\_\_fascial.
- 8. Softening of the vertebrae is \_\_\_\_\_malacia.
- 9. The type of muscle between the ribs is called inter\_\_\_\_\_ muscle.
- 10. Vertebrae that are designated C1 to C7 are \_\_\_\_\_al vertebrae.

**E. Writing Combining Forms and Meanings**

Write the combining form or forms used in each of the medical terms and their meanings.

Terms	Combining Forms	Meanings
1. spondylarthritis	_____	_____
2. tenomyoplasty	_____	_____
3. vertebrocostal	_____	_____
4. patellofemoral	_____	_____
5. ischiopubic	_____	_____
6. chondrectomy	_____	_____
7. osteomyelitis	_____	_____
8. musculofascial	_____	_____



**F. Crossword Puzzle**

Write a term for each clue given.

The crossword puzzle grid contains 31 numbered starting points for clues:

- 1: 10 squares down
- 2: 10 squares down
- 3: 10 squares across
- 4: 10 squares across
- 5: 6 squares across
- 6: 6 squares across
- 7: 10 squares across
- 8: 6 squares down
- 9: 10 squares down
- 10: 6 squares across
- 11: 6 squares across
- 12: 6 squares across
- 13: 6 squares down
- 14: 6 squares down
- 15: 6 squares down
- 16: 6 squares down
- 17: 6 squares across
- 18: 6 squares across
- 19: 6 squares across
- 20: 6 squares across
- 21: 6 squares down
- 22: 6 squares down
- 23: 6 squares across
- 24: 6 squares across
- 25: 6 squares across
- 26: 6 squares down
- 27: 6 squares across
- 28: 6 squares across
- 29: 6 squares across
- 30: 6 squares across
- 31: 6 squares across



**ACROSS**

3. one of the bones between the ankle and the toes
5. wrist
7. between the ribs
10. pertaining to the thigh
12. fibrous sac that acts as a cushion
17. herniation of the brain through a defective skull
18. type of joint
19. pertaining to a hip bone
20. the heel bone
23. surgical repair of a tendon
24. a disease associated with an inborn error of uric acid metabolism
27. instrument used to view inside a joint
28. paralysis of the lower limbs and trunk
29. instrument used to view internal structures
30. pertaining to the tailbone
31. fascial hernia

**DOWN**

1. surgical repair of a fractured vertebra
2. increased convexity in the spine curvature
4. painful joint
6. medication to relieve arthritis
8. malignant neoplasm
9. pertaining to cartilage
11. surgical repair of a joint
13. a bone of the finger
14. a form of nonarticular rheumatism
15. lateral curvature of the spine
16. acute infection of the skin and subcutaneous tissue
21. the correction of displacement of a bone
22. pertaining to the collarbone
25. excision of a bone
26. bones of the spine



## Terms associated with bones

1. coccygeal \_\_\_\_\_
2. thorax \_\_\_\_\_
3. sternal \_\_\_\_\_
4. substernal \_\_\_\_\_
5. sternoclavicular \_\_\_\_\_
6. clavicular \_\_\_\_\_
7. scapular \_\_\_\_\_
8. pelvic \_\_\_\_\_
9. iliac \_\_\_\_\_
10. ischial \_\_\_\_\_
11. pubic \_\_\_\_\_
12. iliopubic \_\_\_\_\_
13. ischiopubic \_\_\_\_\_
14. ischiococcygeal humeral \_\_\_\_\_
15. humeroscapular \_\_\_\_\_



16.humeroulnar \_\_\_\_\_

17.ulnar \_\_\_\_\_

18.radial \_\_\_\_\_

19.carpal \_\_\_\_\_

20.carpectomy \_\_\_\_\_

21.carpal tunnel \_\_\_\_\_

22.metacarpals \_\_\_\_\_

23.carpophalangeal \_\_\_\_\_

24.ischiofemoral \_\_\_\_\_

25.patellofemoral \_\_\_\_\_

26.tarsus \_\_\_\_\_

27.metatarsals \_\_\_\_\_

28.calcaneus \_\_\_\_\_

29.osteoid \_\_\_\_\_

30.calcification, decalcification \_\_\_\_\_

