

# Worksheet 4B

## Medical Term Analysis

Directions: Below are terms built from word parts used in this chapter that are not analyzed in the Word Building Table. Many are built from word parts you have learned in previous chapters. Analyze each term presented below and list and define the word parts used to build each term.

Medical Term	Word Part Analysis
1. osteocyte	<hr/> <hr/>
2. osteoblast	<hr/> <hr/>
3. articular	<hr/> <hr/>
4. kyphosis	<hr/> <hr/>
5. scoliosis	<hr/> <hr/>
6. orthotic	<hr/> <hr/>
7. osteogenic	<hr/> <hr/>
8. osteomalacia	<hr/> <hr/>
9. osteoporosis	<hr/> <hr/>
10. spondylolisthesis	<hr/> <hr/>
11. osteoarthritis	<hr/> <hr/>

**Medical Term****Word Part Analysis****12.** systemic

---

---

**13.** arthrography

---

---

**14.** arthroscopy

---

---

**15.** arthroplasty

---

---

**16.** myoneural

---

---

**17.** electromyography

---

---

**18.** atrophy

---

---

**19.** pseudohypertrophic

---

---

**20.** fibromyalgia

---

---

# Worksheet 4E

## Word Search Puzzle

**Directions:** Find and circle the answer for each fill-in-the-blank question in the word search puzzle.

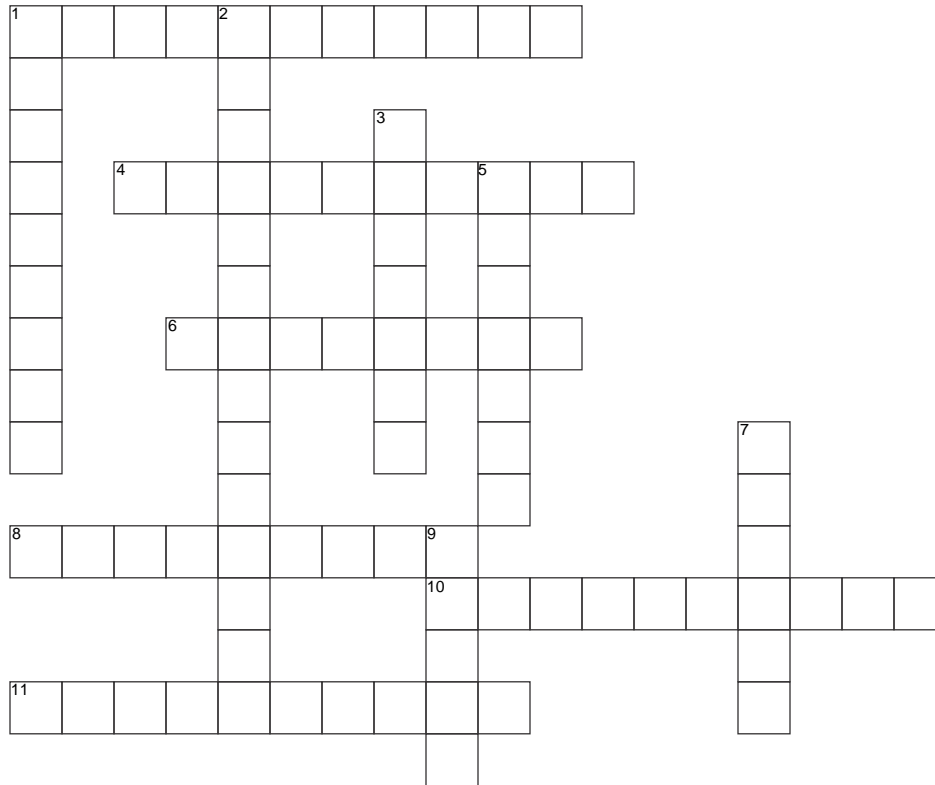
W	C	O	M	P	R	E	S	S	I	O	N	G
S	A	I	S	A	L	C	O	R	H	T	R	A
T	I	R	G	M	A	L	R	C	T	N	N	Q
S	G	Q	R	S	I	R	E	K	Y	R	B	K
I	L	J	E	T	N	C	D	B	V	K	H	D
D	A	S	E	N	A	N	U	L	P	P	B	M
E	Y	I	N	E	R	Y	C	X	H	T	C	M
P	M	S	S	M	C	Q	T	L	R	K	U	M
O	O	O	T	A	A	F	I	D	K	N	L	M
H	R	H	I	G	R	N	O	K	R	P	V	C
T	B	P	C	I	T	H	N	E	B	J	Q	L
R	I	Y	K	L	N	G	T	F	C	G	B	F
O	F	K	M	Y	I	S	Y	N	D	J	M	P

1. The bones are joined together by \_\_\_\_\_ to form the skeleton.
2. Orthopedic surgeons are also referred to as \_\_\_\_\_.
3. The anatomical name for the breast bone is the \_\_\_\_\_.
4. \_\_\_\_\_ is a term meaning to surgically break a joint.
5. \_\_\_\_\_ is a term meaning inside the skull.
6. A \_\_\_\_\_ fracture results in loss of height of a vertebral body.
7. \_\_\_\_\_ is a chronic condition with widespread aching and pain in the muscles and fibrous soft tissue.
8. A \_\_\_\_\_ fracture is commonly seen in children.
9. An abnormal increase in the normal outward curvature of the thoracic spine is called \_\_\_\_\_.
10. \_\_\_\_\_ means to realign the bones in a fracture or dislocation.

# Worksheet 4F

## Crossword Puzzle

Directions: Use the definitions given to complete the crossword puzzle.



### ACROSS

- 1 Imaging procedure using x-rays
- 4 \_\_\_arthritis is an autoimmune disease
- 6 Externally applied brace or splint
- 8 Abnormal lateral curvature of the spine
- 10 Artificial device used to substitute for a missing body part
- 11 Fracture with a line straight across the shaft of bone

### DOWN

- 1 Procedure to correct fracture by realigning bone
- 2 Arthritis caused by loss of cartilage cushion covering bone
- 3 Osteogenic \_\_\_ is the most common type of bone cancer
- 5 An \_\_\_fracture line runs on an angle to the bone shaft
- 7 Slight fracture caused by repetitive low-impact forces
- 9 Sudden, involuntary, strong muscle contraction

# Worksheet 4G

## Chapter Review

### Anatomy and Physiology

1. The four classifications of bones by their shape are \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, and \_\_\_\_\_.
2. Dense and hard exterior surface bone is called \_\_\_\_\_ or \_\_\_\_\_ bone.
3. A \_\_\_\_\_ is a large, smooth, ball-shaped process on the end of a long bone.
4. The bones that form the central axis for the whole body are part of the \_\_\_\_\_ skeleton.
5. The pectoral girdle consists of the \_\_\_\_\_ and \_\_\_\_\_.
6. The most common type of joint in the body is a \_\_\_\_\_ joint.
7. Visceral muscle is another name for \_\_\_\_\_ muscle.
8. \_\_\_\_\_ muscles are voluntary.
9. \_\_\_\_\_ is movement away from the midline.
10. A \_\_\_\_\_ anchors a muscle to a bone.

### Word Building

**Directions: Build a term that means:**

1. cartilage softening \_\_\_\_\_
2. fusion of a joint \_\_\_\_\_
3. pertaining to between vertebrae \_\_\_\_\_
4. bone and cartilage tumor \_\_\_\_\_
5. pertaining to the femur \_\_\_\_\_
6. pertaining to the breast bone \_\_\_\_\_
7. lack of tone \_\_\_\_\_
8. study of movement \_\_\_\_\_
9. incision into fascia \_\_\_\_\_
10. record of muscle electricity \_\_\_\_\_

