

MATCHING WORD PARTS 1

Write the correct answer in the middle column.

Definition	Correct Answer	Possible Answers
3.1. hump	_____	ankyl/o
3.2. cartilage	_____	arthr/o
3.3. crooked, bent, or stiff	_____	-um
3.4. joint	_____	kyph/o
3.5. noun ending	_____	chondr/o

MATCHING WORD PARTS 2

Write the correct answer in the middle column.

Definition	Correct Answer	Possible Answers
3.6. cranium, skull	_____	cost/o
3.7. rib	_____	crani/o
3.8. setting free, loosening	_____	-desis
3.9. spinal cord, bone marrow	_____	-lysis
3.10. surgical fixation of a bone or joint	_____	myel/o

MATCHING WORD PARTS 3

Write the correct answer in the middle column.

Definition	Correct Answer	Possible Answers
3.11. vertebra, vertebrae	_____	oste/o
3.12. curved	_____	spondyl/o

3.25. A normal projection on the surface of a bone that serves as an attachment for muscles and tendons is known as a/an _____.

- cruciate exostosis popliteal process

MATCHING STRUCTURES

Write the correct answer in the middle column.

Definition	Correct Answer	Possible Answers
3.26. breastbone	_____	clavicle
3.27. cheekbones	_____	olecranon process
3.28. collarbone	_____	sternum
3.29. kneecap	_____	patella
3.30. point of the elbow	_____	zygomatic

WHICH WORD?

Select the correct answer and write it on the line provided.

- 3.31. The surgical procedure for loosening of an ankylosed joint is known as _____.
arthrodesis arthrolysis
- 3.32. The bone disorder of unknown cause that destroys normal bone structure and replaces it with fibrous (scar-like) tissue is known as _____.
fibrous dysplasia Paget's disease
- 3.33. An _____ bone marrow transplant uses bone marrow from a donor.
allogenic autologous
- 3.34. A percutaneous _____ is performed to treat osteoporosis related compression fractures.
discectomy vertebroplasty
- 3.35. The medical term for the form of arthritis that is commonly known as wear-and-tear arthritis is _____.
osteoarthritis rheumatoid arthritis

SPELLING COUNTS

Find the misspelled word in each sentence. Then write that word, spelled correctly, on the line provided.

- 3.36. The medical term for the condition commonly known as low back pain is lumbaego. _____
- 3.37. The surgical fracture of a bone to correct a deformity is known as osteclasis. _____
- 3.38. Ankylosing spondilitis is a form of rheumatoid arthritis characterized by progressive stiffening of the spine. _____
- 3.39. An osterrhaphy is the surgical suturing, or wiring together, of bones. _____
- 3.40. Crepetation is the sound that is heard when the ends of a broken bone move together. _____

ABBREVIATION IDENTIFICATION

Write the correct answer on the line provided.

- 3.41. **BMT** _____
- 3.42. **CR** _____
- 3.43. **Fx** _____
- 3.44. **RA** _____
- 3.45. **TMJ** _____

TERM SELECTION

Select the correct answer and write it on the line provided.

- 3.46. The term meaning the death of bone tissue is _____ .
osteitis deformans osteomyelitis osteonecrosis osteoporosis
- 3.47. An abnormal increase in the forward curvature of the lower or lumbar spine is known as _____ .
kyphosis lordosis scoliosis spondylosis
- 3.48. The condition known as _____ is a congenital defect.
juvenile arthritis osteoarthritis rheumatoid arthritis spina bifida

3.49. A malignant tumor composed of cells derived from blood-forming tissues of the bone marrow is known as a/an _____.

- chondroma
- Ewing's sarcoma
- myeloma
- osteochondroma

3.50. The bulging deposit that forms around the area of the break during the healing of a fractured bone is

a _____.

- callus
- crepitation
- crepitus
- luxation

SENTENCE COMPLETION

Write the correct term on the line provided.

3.51. A/An _____ is performed to treat a patient with craniostenosis or to relieve increased intracranial pressure.

3.52. The partial displacement of a bone from its joint is known as _____.

3.53. The procedure that stiffens a joint or joins several vertebrae is _____. This is also known as surgical ankylosis or fusion.

3.54. The surgical procedure to replace a joint with an artificial joint is known as _____.

3.55. A medical term for the condition commonly known as a bunion is _____.

WORD SURGERY

Divide each term into its component word parts. Write these word parts, in sequence, on the lines provided. When necessary use a slash (/) to indicate a combining vowel. (You may not need all of the lines provided.)

3.56. A **bursectomy** is the surgical removal of a bursa.

3.57. An **osteochondroma** is a benign bony projection covered with cartilage.

3.58. **Osteomalacia**, also known as adult rickets, is abnormal softening of bones in adults.

3.59. **Periostitis** is an inflammation of the periosteum.



3.60. **Spondylolisthesis** is the forward movement of the body of one of the lower lumbar vertebra on the vertebra below it.

TRUE/FALSE

If the statement is true, write **True** on the line. If the statement is false, write **False** on the line.

3.61. _____ Osteopenia is thinner than average bone density. This term is used to describe the condition of someone who does not yet have osteoporosis, but is at risk for developing it.

3.62. _____ Paget's disease is caused by a deficiency of calcium and vitamin D in early childhood.

3.63. _____ Costochondritis is an inflammation of the cartilage that connects a rib to the sternum.

3.64. _____ Dislocation is the partial displacement of a bone from its joint.

3.65. _____ Arthroscopic surgery is a minimally invasive procedure for the treatment of the interior of a joint.

CLINICAL CONDITIONS

Write the correct answer on the line provided.

3.66. When Bobby Kuhn fell out of a tree, the bone in his arm was partially bent and partially broken. Dr. Grafton described this as a/an _____ fracture and told the family that this type of fracture occurs primarily in children.

3.67. Eduardo Sanchez was treated for an inflammation of the bone and bone marrow. The medical term for this condition is _____.

3.68. Beth Hubert's breast cancer spread to her bones. These new sites are referred to as _____.

3.69. Mrs. Morton suffers from dowager's hump. The medical term for this abnormal curvature of the spine is _____.

3.70. Henry Turner wears a brace to improve the impaired function of his leg. The medical term for this orthopedic appliance is a/an _____.

CHALLENGE WORD BUILDING

These terms are *not* found in this chapter; however, they are made up of the following familiar word parts. If you need help in creating the term, refer to your medical dictionary.

poly-**arthr/o****-ectomy****chondr/o****-itis****cost/o****-malacia****crani/o****-otomy****oste/o****-pathy****-sclerosis**

- 3.81. Abnormal hardening of bone is known as _____ .
- 3.82. The surgical removal of a rib or ribs is a/an _____ .
- 3.83. Any disease of cartilage is known as _____ .
- 3.84. A surgical incision into a joint is a/an _____ .
- 3.85. Inflammation of cartilage is known as _____ .
- 3.86. The surgical removal of a joint is a/an _____ .
- 3.87. Inflammation of more than one joint is known as _____ .
- 3.88. Any disease involving the bones and joints is known as _____ .
- 3.89. A surgical incision or division of a rib or ribs is a/an _____ .
- 3.90. Abnormal softening of the skull is known as _____ .

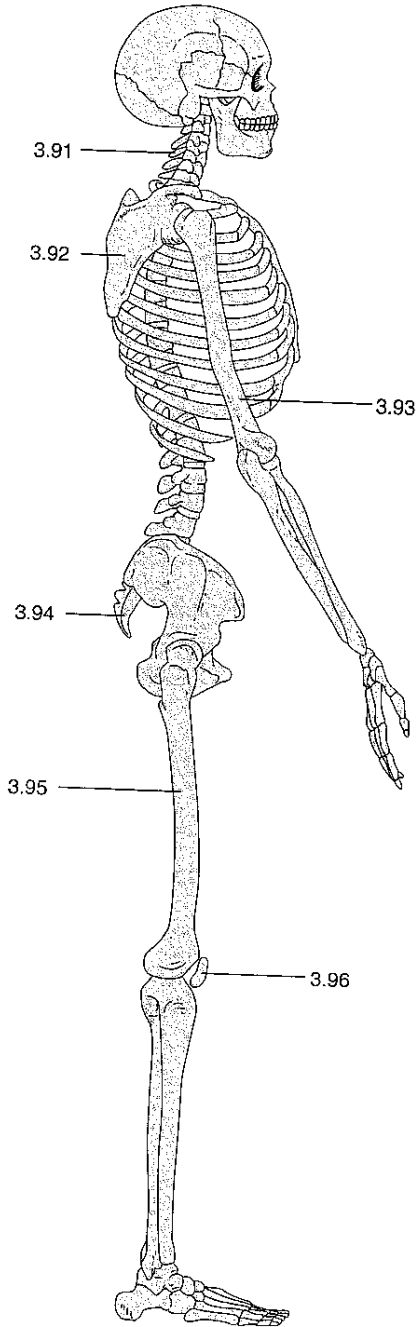
LABELING EXERCISES

Identify the numbered items on the accompanying figures.

3.91. _____ vertebrae

3.92. _____

3.93. _____



3.94. _____

3.95. _____

3.96. _____

3.97. _____ bone

3.98. _____ bone

3.99. _____ bone

3.100. _____

