**CH 6 MusculoSkeletal System** Lesson 1

 pgs. 139-150

**Function First**

The MusculoSkeletal System

* provides protection, support, and movement
* formation of blood cells
* storage of fat in bone marrow
* release of minerals, especially Calcium

Exercise 1 WRITE IT! p140

**Structures** of the MusculoSkeletal System

**Major Bones of the Body**

There are 206 named bones.

There are two divisions of the skeleton: axial and appendicular



Exercises 2 MATCH IT! p143 Exercise 3 WRITE IT! p143 Exercise 4 WRITE IT! p150

Programmed Learning p143-150

Word Parts: Major Bones of the Body

**Bone**

*Bones that form the Vertical Axis of the Body* **Review:**

clavicul(o) hemat(o)

crani(o) -poiesis

cost(o) muscul(o)

scapul(o) orth(o)

stern(o) ped(o)

rachi(o), spin(o) -ic

vertebr(o) -al

spondyl(o) anter(o)

cervic(o) -oid

thorac(o) -graph

lumb(o) dist(o)

sacr(o) inter-

coccyg(o) proxim(o)

 cardi(o)

*Bones of the Upper Extremities*

humer(o) in-

radi(o) micro-

uln(o) -scope / -scopy

carp(o) skelet(o)

metacarp(o) viscer(o)

phalang(o) abdomin(o)

 bi-

*Bones of the Pelvis*

pelv(i) brachi(o)

ili(o) pector(o)

ischi(o) para-

pub(o) quadri-

 -plegic

*Bones of the Lower Extremities*

femor(o) -itis

patell(o) my(o)

fibul(o) oste(o)

tibi(o) cutane(o)

tars(o) sub-

calcane(o) myel(o)

metatars(o) -oma

 poster(o)

 dys-

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**Pronunciation List**

musculoskeletal cartilage

hematopoiesis chondral

orthopedics

orthopedist articulation

 synovial

clavicle (-ar) bursae

cranium (-al) extension

costa (-al) flexion

intercostal rotation

subcostal circumduction

scapula (-ar) ligaments

sternum (-al)

substernal visceral

sternoclavicular involuntary

spine fascia / fascial

cerebrospinal tendons

vertebrae (-al) myelitis

intervertebral myelofibrosis

vertebrocostal / costovertebral osteomyelitis

cervical / cervix myeloencephalitis

thoracic / thorax myopathy

lumbar myolysis

thoracolumbar myalgia

sacrum (-al)

coccyx (-eal)

humerus (-al)

humeroscapular

humeroulnar

radius (-al)

ulna (-ar)

carpals / carpus

carpal tunnel

carpectomy

carpophalangeal

metacarpals

phalanges

phalangitis

ilium (-ac)

iliopubic

ischium (-al)

ischiopubic

ischiofemoral

ischiococcygeal

pubis (ic)

pelvis (-ic)

femur

patella

patellofemoral

fibula

tibia

tibialgia

tarsals / tarsus

calcaneus

metatarsals

facial

rachiodynia, rachialgia

lumbago

osteoid

calcification / decalcification