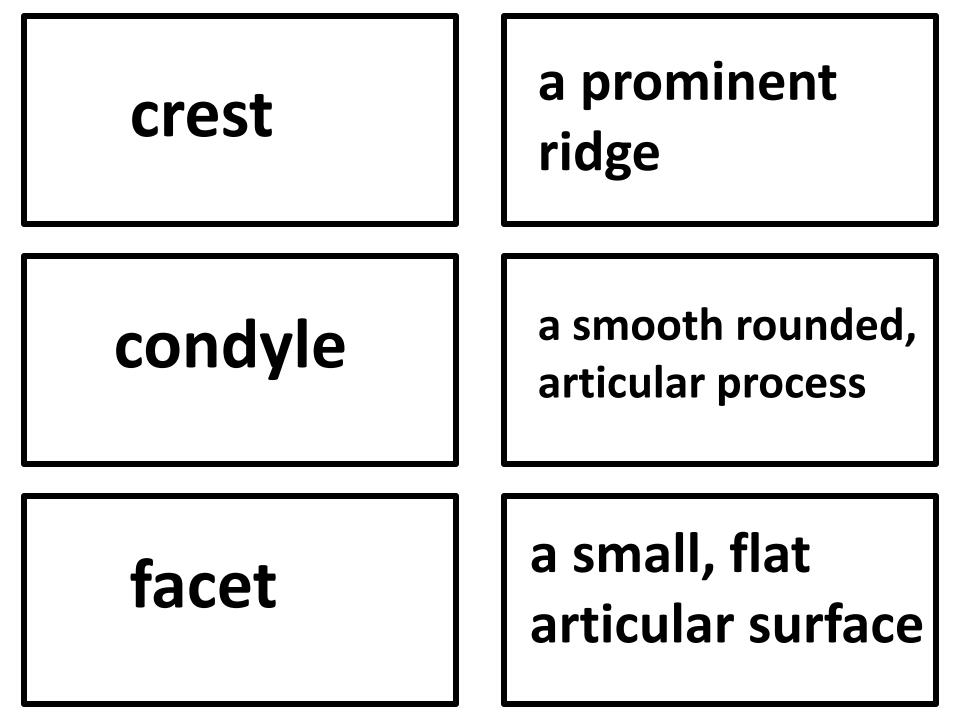


#### tuberosity

a small rough projection





# a shallow depression

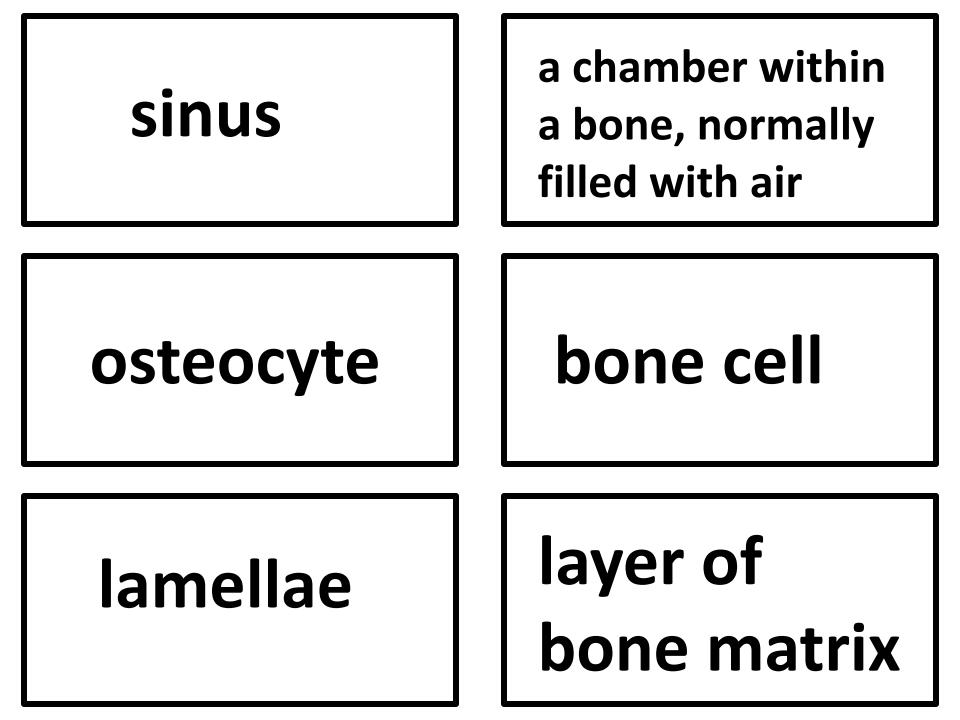
# foramen

a rounded

passageway for blood vessels or nerves

### canal

a passageway through the substance of a bone



# canaliculi

narrow passageways in compact bone

#### osteon

(Haversian System)

basic functional unit of mature compact bone

# trabeculae

The matrix of spongy bone

# red marrow

responsible for blood cell formation

# yellow marrow

adipose tissue in bone – usually in the medullary cavity

# periosteum

outside covering of bone

# endosteum

inner lining of the medullary cavity

# ossification

the process of bone formation

# articular

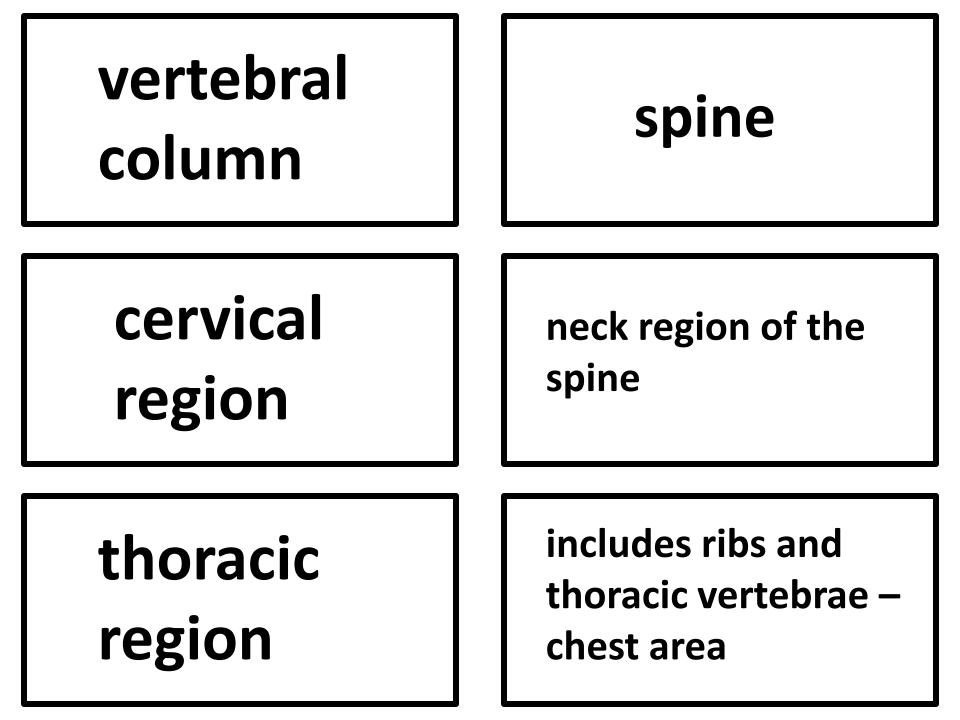
cartilage

covers the ends of bones – prevents bone to bone contact

#### a reduction in bone mass that osteoporosis compromises normal function a crack or break in a fracture bone The longitudinal axis of the body including axial skeleton skull, ribs, vertebral

column

## includes the bones of appendicular the limbs and pectoral skeleton and pelvic girdles bony recess that orbit contains the eye flexible joints in the fontanel skull of an infant



# lumbar region

lower back includes lumbar vertebrae

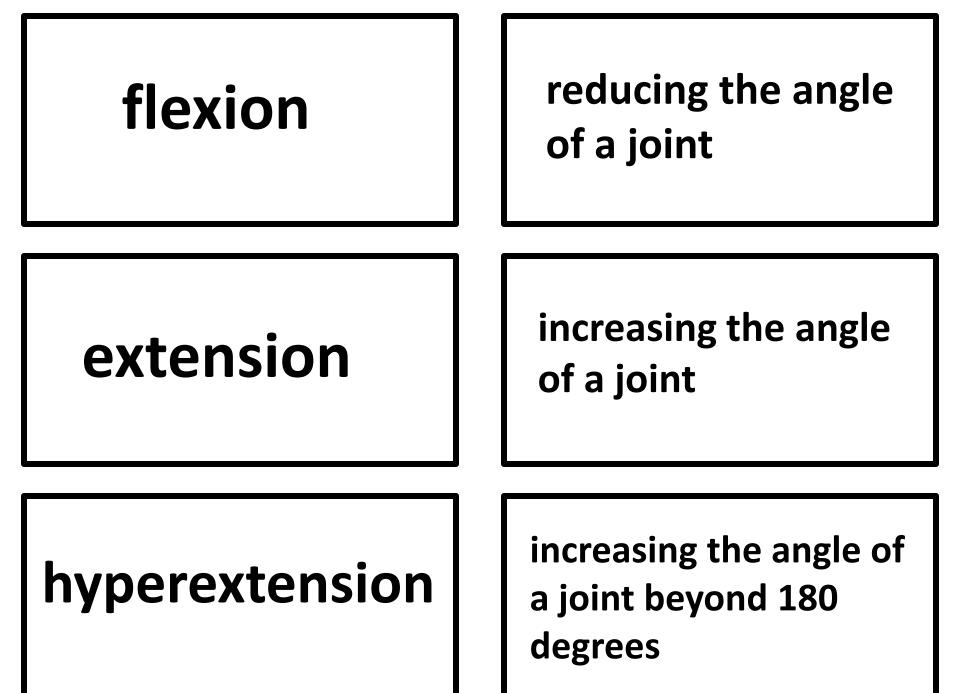
# vertebral

canal

#### tunnel that houses the spinal cord

#### sternum

flat bone that makes up the breast bone – attachment site for ribs



# abduction

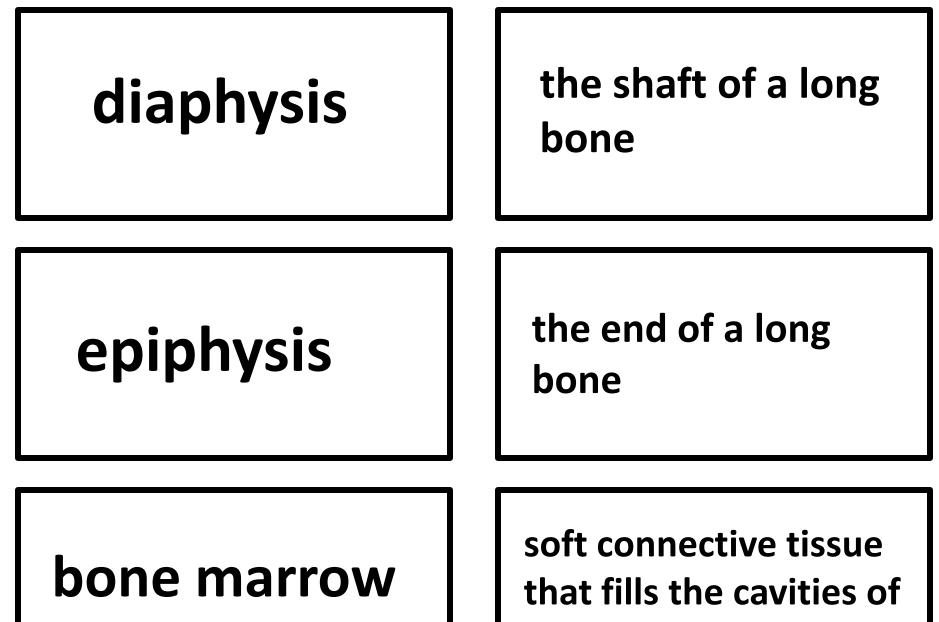
movement of a limb away from the midline of the body

# adduction

movement of a limb toward the midline of the body

#### circumduction

moving a limb in a looping fashion



bones

## compact bone

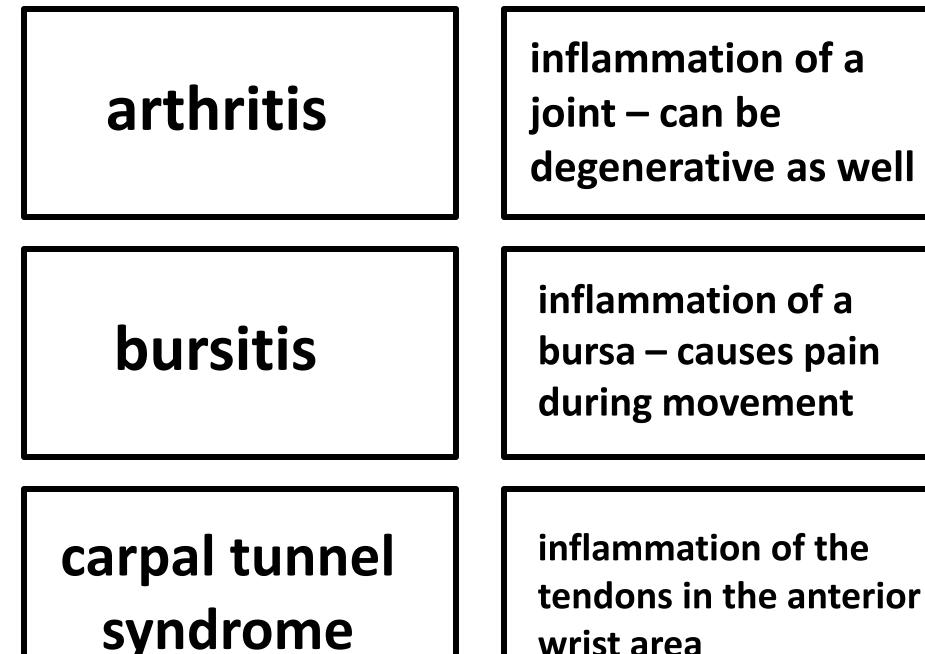
solid bone – osteocytes packed close together

# spongy bone

not really "spongy" or soft -resembles a network of rods or struts

#### remodeling

continuous recycling and renewal of bone



wrist area

# herniated disc

compression of a vertebral disc that causes disc to rupture

# luxation

a dislocation – the rupture of a joint

### orthopedics

a branch of medicine focusing on bones, joints, tendons, ligaments, and muscles

# rheumatism

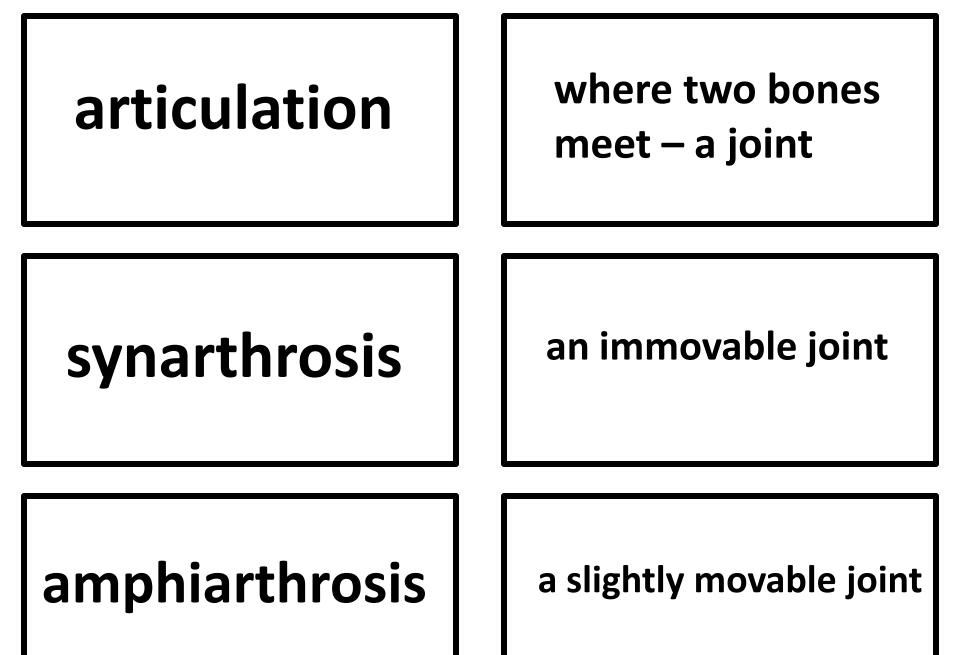
a general term for pain & stiffness in the skeletal system

# scoliosis

an abnormal lateral curvature of the spine

sprain

the stretching of a ligament – can range from mild to severe



# diarthrosis joint

# joint capsule

fibrous surrounding of a joint

# synovial fluid

fluid inside a joint that provides lubrication to reduce friction

# ligament bursa

connective tissue attaching bone to bone

tissue containing synovial fluid to reduce friction and absorb shock