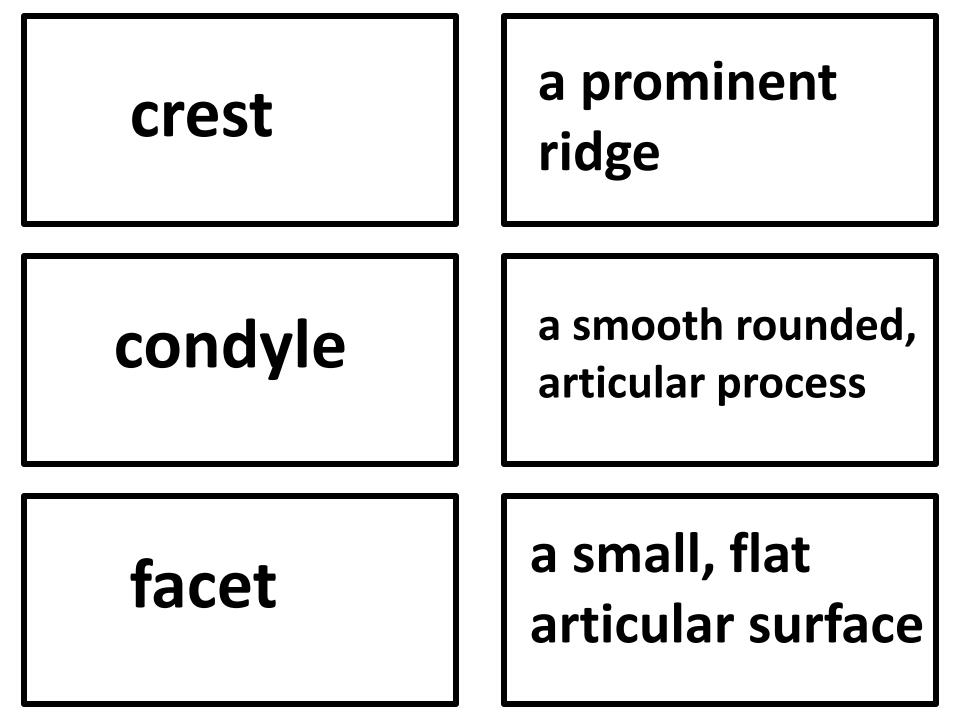


tuberosity

a small rough projection





a shallow depression

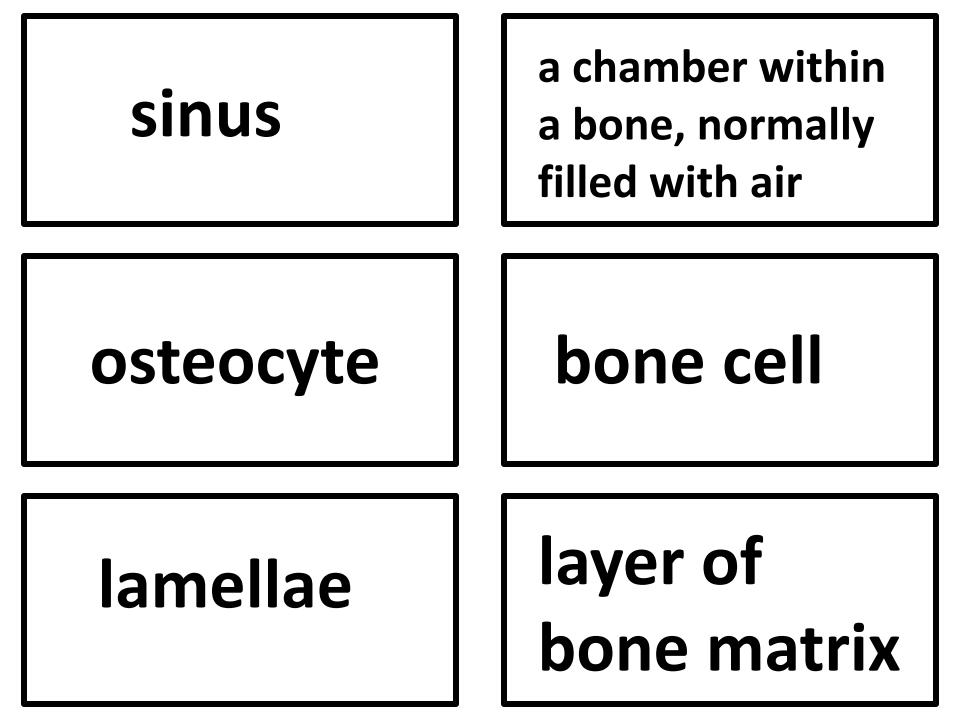
foramen

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

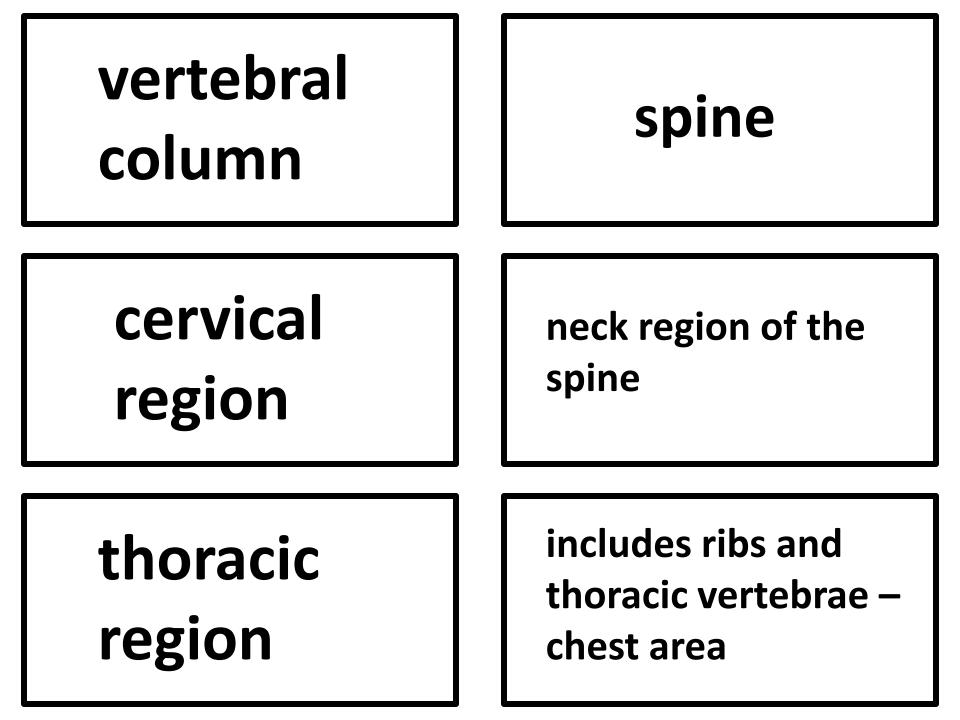
cartilage

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

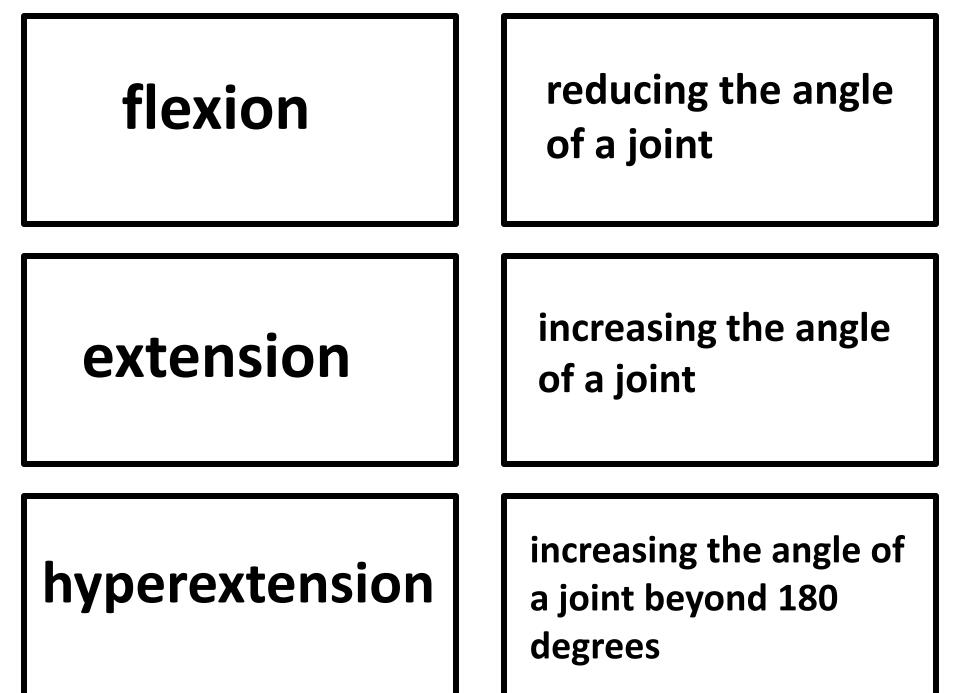
vertebral

canal

tunnel that houses the spinal cord

sternum

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



abduction

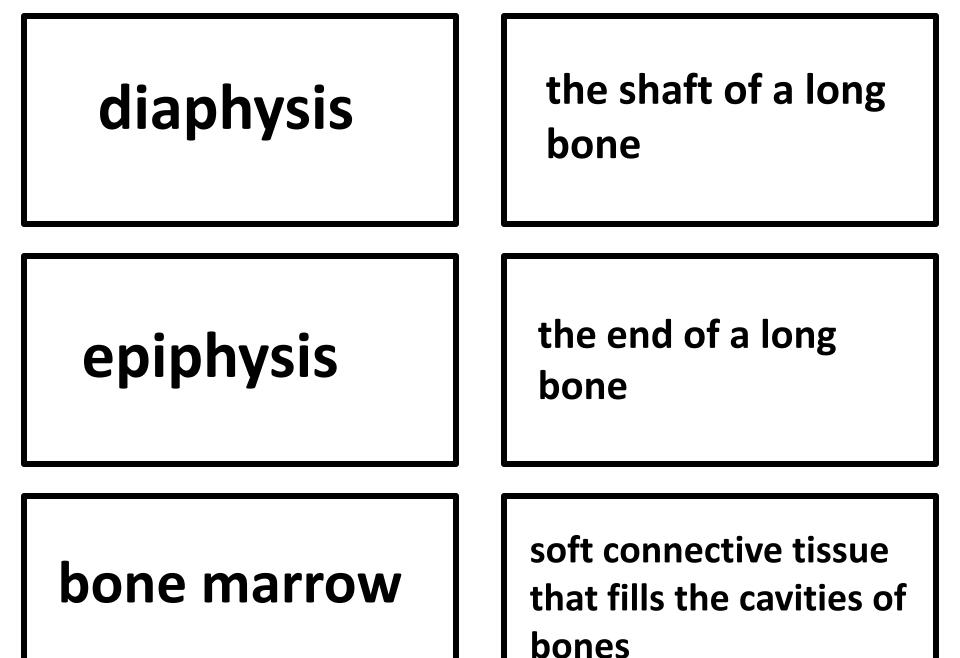
movement of a limb away from the midline of the body

adduction

movement of a limb toward the midline of the body

circumduction

moving a limb in a looping fashion



compact bone

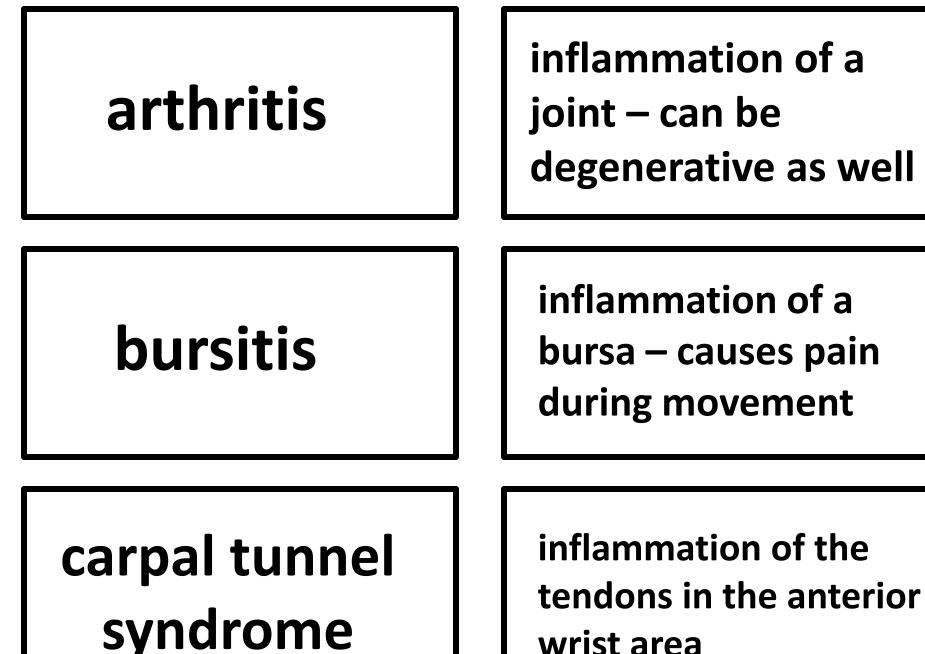
solid bone – osteocytes packed close together

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

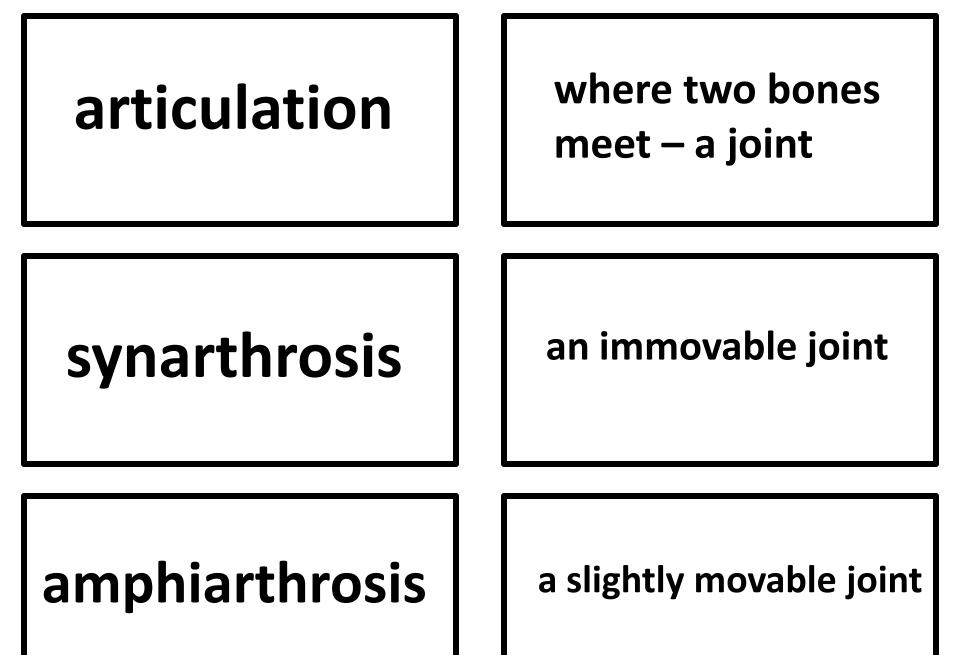
a general term for pain & stiffness in the skeletal system

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