

6.7 Classwork

Skeletal Notes Day One

Types of Bones

-Flat

-Irregular

-Short

-Long

Structures

-Diaphysis

-Epiphysis

-Articular cartilage

-Periosteum

-Medullary cavity

Osteocyte: bone cell

Ossification: the process of bone formation

Bones grow in length and ossify from the center of the diaphysis toward the epiphyseal extremities

Osteoblast: bone cells that build bone

Osteoclast: bone cells that reabsorb bones

Fractures (fx): break in bone

Failure point: amount of energy needed to cause a fracture

Simple (closed)

Compound (open)

Direct trauma

-Fx directly at site where

force applied

Indirect trauma

-Fx occurs some

distance where force

applied

Simple(closed) fracture

-Occurs when forces on bone exceed the bone's
ability to withstand forces applied

-May be complete or incomplete