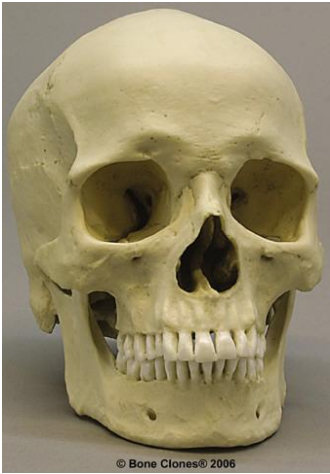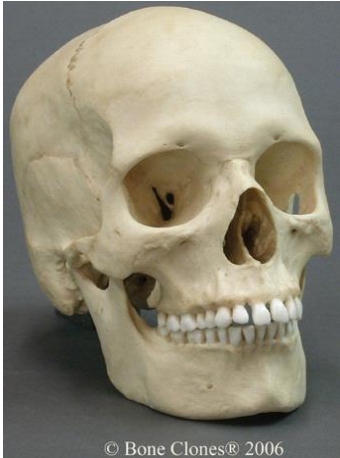# Worksheet- Sex, Race, Age, & Height from Bones

Use my online notes to determine the following:
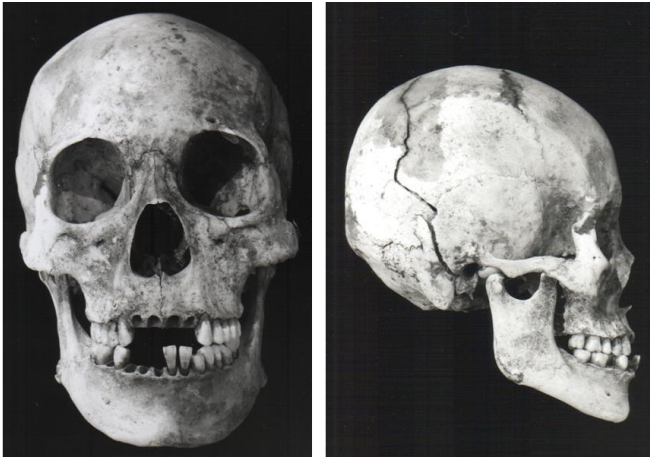
Gender (Pelvis):

A.

B.

Circle the appropriate choice below & label on picture	
Sub pubic Angle(> 90 degrees or < 90 degrees)	Sub pubic Angle(> 90 degrees or < 90 degrees)
Sacrum (Forward or Backward)	Sacrum (Forward or Backward)
Pelvic Outlet (Small or Large)	Pelvic Outlet (Small or Large)
Ilia (Close or Spread)	Ilia (Close or Spread)
Gender (Female or Male)	**Gender (Female or Male)**

Gender (skull):

A.

B.

Circle the appropriate choice below & label on picture	
Chin (Rounded or Square)	Chin (Rounded or Square)
Mastoid Process (Small or Large)	Mastoid Process (Small or Large)
Forehead (Vertical or Receding)	Forehead (Vertical or Receding)
Brow Ridges (Slight or Prominent)	Brow Ridges (Slight or Prominent)
Gender (Female or Male)	**Gender (Female or Male)**

Race (skull):

1. a. On the skull to thel eft, identify 3 different features **(label)** that can help determine the racial identity of skull.

    b. What racial group would you predict this individual most closely identifies with? Provide 2 pieces of evidence.

2. What makes racial identification so challenging with bones?

Age (cranial sutures):

1. Lambdoidal and sagittal sutures fused Age _____
    Coronal sutures not fused.

2. Lambdoidal sutures almost fused.   Age_____
    Sagittal and coronal sutures not fused.

3. All sutures fused.   Age _____

4. Lambdoidal wide open.   Age _____
    Sagittal and coronal sutures open.

Age (teeth & epiphyseal fusion):

5. Wisdom teeth (3rd molars) emerged   Age _____

6. Only central incisor has emerged   Age_____

7. Head of femur (thigh bone) is fused   Age _____

8. The last growth plate bone to fuse   Age _____

9. In general, is it easier to determine the age of a young person (15 yrs old) or someone who is older (40 yrs)? Explain your answer.

Height from Bones:
(Estimate the height of the individual based on information provided & show work!)
 **Conversion 2.54 cm = 1 inch

1. Caucasian male femur of 50.6 cm   Height in cm_____   Height in Ft/in _____

2. African- American female femur of 49.5 cm   Height in cm_____   Height in Ft/in _____

3. Asian male tibia of 34.2 cm   Height in cm_____   Height in Ft/in _____

4. Caucasian female humerus of 33.4 cm   Height in cm_____   Height in Ft/in _____

5. African American male humerus of 41.1 cm   Height in cm_____   Height in Ft/in _____