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

Use my online notes to determine the following:

#### Gender (Pelvis):

<table>
<thead>
<tr>
<th>Sub pubic Angle (&gt; 90 degrees or &lt; 90 degrees)</th>
<th>Sub pubic Angle (&gt; 90 degrees or &lt; 90 degrees)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sacrum (Forward or Backward)</td>
<td>Sacrum (Forward or Backward)</td>
</tr>
<tr>
<td>Pelvic Outlet (Small or Large)</td>
<td>Pelvic Outlet (Small or Large)</td>
</tr>
<tr>
<td>Iliac (Close or Spread)</td>
<td>Iliac (Close or Spread)</td>
</tr>
</tbody>
</table>

#### Circle the appropriate choice below & label on picture

| Gender (Female or Male)                        | Gender (Female or Male)                        |

#### Gender (Skull):

<table>
<thead>
<tr>
<th>Chin (Rounded or Square)</th>
<th>Chin (Rounded or Square)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mastoid Process (Small or Large)</td>
<td>Mastoid Process (Small or Large)</td>
</tr>
<tr>
<td>Forehead (Vertical or Receding)</td>
<td>Forehead (Vertical or Receding)</td>
</tr>
<tr>
<td>Brow Ridges (Slight or Prominent)</td>
<td>Brow Ridges (Slight or Prominent)</td>
</tr>
</tbody>
</table>

| Gender (Female or Male)                        | Gender (Female or Male)                        |
Race (skull):

1. a. On the skull to the left, 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 _______