

Name (first & last): \_\_\_\_\_ Period: \_\_\_\_\_

## Dead Men/Women Tell Tales - Forensic Archaeology

Using SPREADSHEET software/app to create a scatter plot chart (diagram)

### Task One

#### Femur Bone - Find Your Height

*Hint: The femur is the single large bone that extends from the hip socket to the kneecap*

Your femur (in centimeters)  $\times 2.6 + 65 =$  your estimated height in centimeters.

(\_\_\_\_\_  $\times 2.6$ )  $+ 65 =$  \_\_\_\_\_

What is your actual height in centimeters? Write it here \_\_\_\_\_

Do the calculations match?

### Task Two

#### Humerus Bone and Gender

*Hint: The humerus (aka funny bone) is from the tip of your elbow to your shoulder*

female: humerus  $\times 3.06 + 64.26 =$  height.

male: humerus  $\times 3.269 + 59.41 =$  height.

What is your actual height in centimeters? Write it here \_\_\_\_\_

Do the calculations match?

## Task Card Three And Tibia Too

*Hint: The tibia (aka shin bone) is from the knee to the ankle*

Choose your race:

Caucasoid male:  $\text{tibia} \times 2.42 + 81.93$

Caucasoid female:  $\text{tibia} \times 2.90 + 61.5$

Negroid male:  $\text{tibia} \times 2.19 + 85.36$

Negroid female:  $\text{tibia} \times 2.45 + 72.56$

Mongoloid male:  $\text{tibia} \times 2.39 + 81.45$

Mongoloid female: Not available (use Negroid female)

What is your actual height in centimeters? Write it here \_\_\_\_\_

Do the calculations match?