

Webquest: Sex Determination From Human Skeletal Remains

Use the Forensic Anthropology Sex Determination PowerPoint to answer the following on a separate piece of paper.

1. List the three bones that are used to determine sex in a human skeleton:
2. What are the three basic racial groups that forensic anthropologists divide the human population into:
3. What are the two types of bone found in a human skeleton:
4. List the two fused bones we use in sex determination:
5. List the 5 bones that are examined for sex determination and the specific parts of each:
6. List the accuracy rates (percentages) of sex determination according to Krongman.
7. Are differences between male and female bones apparent in children? Why or why not?
8. Differences in male and female skeletons is based on what 2 factors?
9. What are the two methodological approaches in sex determination? Discuss how males are different than females for both approaches.
10. List the 2 parts of the skull:
11. List the 9 features of the skull that indicate sex:
12. Read through all of the differences for determining sex based on the skull. Which one(s) do you think are the easiest to see?
13. Go to Slide 27. Using the previous slides on the skull, determine the sex of the 3 skulls pictured:
14. How many TOTAL bones make up the pelvis? List all of them.
15. What is the reason for the high degree of difference between male and female pelvis?
16. List the 5 pubic regions in the pelvis that indicate sex:
17. Go to slide 45. Identify each of the pelvic bones pictured as male or female.
18. What is the sternum?
19. What is the main difference between male and female sternums?
20. After today, if you had an entire adult skeleton, do you believe you could correctly identify the sex? Why or why not?
21. Based on what you learned today, do you think it's realistic for Bones (Dr. Brennan) to look only at a skull for 10 seconds and determine the gender?

TURN IN YOUR ANSWERS BY THE END OF THE PERIOD!!