

Skeletal System Tour Lab Stations Four to Nine (complete answers on a separate sheet of paper)

1. How many ribs make up the rib cage?
2. What two major organs are protected by the rib cage?
3. About how many bones are in the adult human body?
4. The adult skull has how many bones?
5. The shoulders, arms and hands have how many bones?
6. The pelvis legs and feet have how many bones?
7. Tough membrane forming the outer covering of bone is called\_\_\_\_\_
8. Spongy bone is the inner layer of bone filled with  
\_\_\_\_\_
9. What is the soft stuff in the center of the of the bones?

10. The vertebrae consists of 26 bones. Fill in the number of bones and the area you would find the following in:

Cervical

Thoracic

Lumbar

sacrum

coccyx

11. These hold the vertebrae and discs together or connect bone to bone\_\_\_\_\_

12. What is a slipped disc?

13. An infants skull mostly consist of \_\_\_\_\_

14. True or False: Bones grow outward from the center

15. Which bone in the body is the last to stop growing?

16. A lack of growth hormone causes what disorder?

17. Too much growth hormone causes what disorder?

18. Who would be more likely to break their collar bone in a fall, an adult or an infant? Explain your choice:

19. \_\_\_\_\_ occur wherever two or more bones meet.

20. What fills the space between the bones and acts to lubricate them?

21. True or False: Ligaments and muscles act to hold the bones together.

22. \_\_\_\_\_ is found between bones and acts as a shock absorber.

23. What type of joint is the knee?

24. What is the name the bone that makes the bump on the inside of your ankles?

25. What is the bone on display? Where is it found in the body (include what side of the body)?

