Musculoskeletal System Review

This quiz will be Wednesday, April 10. Use both muscular system foldables; the video notes from the Muscles, Joints, and Bones BrainPOP videos; and the mind-maps to study for this quiz, you should also attempt to answer the below questions.

1. What is the purpose of bones and the skeletal system?
2. What is the purpose of muscles?
3. How do muscles help maintain homeostasis?
4. How do bones help maintain homeostasis?
5. Name the 4 layers of bones in order.
6. What does bone marrow produce?
7. Do babies or adults have more bones?
8. What tissue connects bones to muscles?
9. What tissue connect bones together?
10. Where is cartilage and what is it’s purpose?
11. Name the 4 kinds of joints, describe how they work and provide an example of each.
12. What is a joint?
13. Describe how bones and muscles work together to make movement. Know what it means for muscles to contract and shrink and when this happens.
14. What is the difference between voluntary and involuntary muscles?
15. Are cardiac muscles voluntary or involuntary muscles? Why?
16. Are skeletal muscles voluntary or involuntary muscles? Why?
17. Provide an example of a smooth muscles.
18. Provide an example of a cardiac muscles.
19. Provide an example of a skeletal muscles.
20. How do muscles get energy?
21. How is cellular respiration related to the musculoskeletal system?
22. How does the musculoskeletal system work with other body systems and help maintain homeostasis?