

Name: _____

STUDY GUIDE FOR Bone/Muscle/Tissue Quiz!!!

1. cell -

2. tissue -

(For the tissues also give an example)

3. epithelial tissue -

4. connective tissue-

5. muscle tissue-

6. nerve tissue-

7. muscular system-

Tissue section

1. Explain how arteries are an example of all the types of tissues working together.

2. Give an example of how epithelial tissue works? (Epithelial tissue works like a _____)
You just wrote a simile!

Skeletal Section

3. What type of tissue are bones, cartilage, and ligaments, and why do they fit that category?

4. Bones develop from what material?

5. What type of joint is your knuckle closest to your fingernail?

6. What connects bones to bones? And why are they important?

7. What connects bones to muscles?

8. List all five of the functions of the skeletal system.

9. What are the four types of movable joints?

10. What makes one joint better for a purpose than another?

13. What part of the bone is responsible for producing red blood cells?

14. What is the largest bone in your body?

14.a. Why is tearing an ACL (the major ligament in your knee) a big deal?

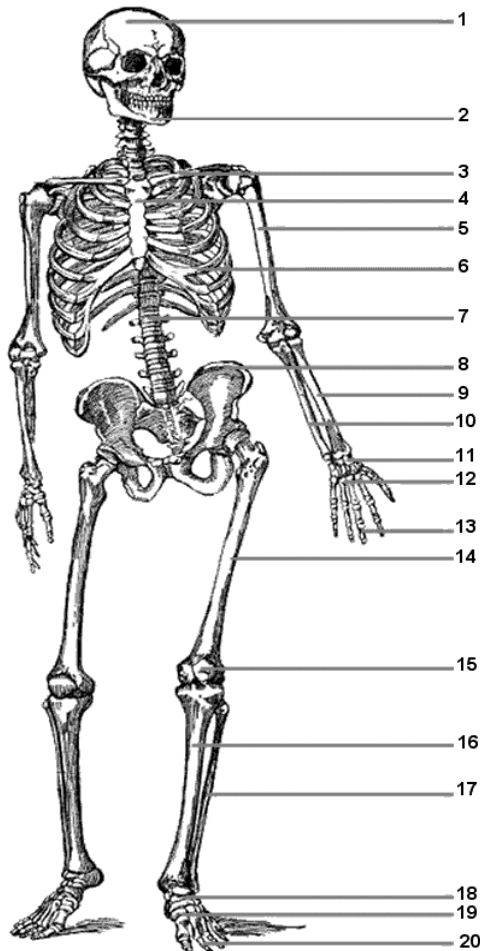
Muscular Section

5 Functions of the Skeletal System

- 1.
- 2.
- 3.
- 4.
- 5.

15. What are the three types of muscle?
16. Which type is found primarily in the heart?
17. Which type (s) is involuntary?
18. Which type is found primarily in the digestive tract?
19. When muscles become tired it is because they lack what gas?
20. Besides oxygen what else do muscles need to obtain energy?
21. Describe the path that a decision to move your arm takes.

Starts?
Carrier?
Mover?
22. Why would a disease that causes the paralysis of smooth muscles to be a life-threatening disorder? (I am expecting a sentence for this answer)
23. Explain how muscles work in pairs.



Skeletal Labeling

1. What organ does the cranium (number one) protect?
2. What bone does #3 point to?
3. What is the purpose of the cartilage on bone #6?
4. What is the name of bone #7?
5. What is the name of bone #9?
6. What is the name of bone #12?
7. What is the name of bone #14?
8. What is the name of the bone commonly called the kneecap (number #15)?
9. What is the name of bone #16?
10. Which number is the humerus marked as?
11. How many pounds of force can bone #14 withstand?

HARD QUESTION! Explain how the skeletal system and muscular system work together in order to assist your body. Make sure to include all five functions of the skeletal system and the function of muscles in your answer. *HINT*, think about how movement of the body is achieved because of the skeletal and muscular systems work together.