Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Muscle Tissue with Professor Dave

Directions: Watch the video using the link provided to answer the following questions about epithelial tissues.

<https://www.youtube.com/watch?v=7t-DGxG09l8>

1. The three types of muscle in our bodies are…

2. The basic function of muscles is to allow for m\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

3. Muscles are made of muscle cells, which have the ability to c \_ \_ \_ \_ \_ \_ \_.

4. True / False (circle one) There are over 650 skeletal muscles in the body.

5. What are the ways skeletal muscles can attach to bone?

6. Skeletal muscles are said to be v\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ because they are under our conscious control.

7. Besides allowing for voluntary movement, basic functions of skeletal muscle include…

Maintaining p\_\_\_\_\_\_\_\_\_\_\_\_\_

Allowing for swallowing/e\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Maintain body t\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

8. True / False (circle one) Muscle cells have a single, centralized nucleus.

9. Muscle contraction requires help from this branch of the nervous system:

10. Cardiac muscle is only found in the h \_\_\_\_\_\_\_\_\_\_\_\_\_.

11. Cardiac muscle also has a s\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ appearance like skeletal muscle.

12. The ways cardiac muscle is different than skeletal muscle include:

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13. Cardiac muscle contraction are voluntary / involuntary (circle one)

14. The contraction of the heart muscle is helped by the a\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ nervous system.

15. True or False (circle one) Smooth muscle is found in most internal organs.

16. Examples of locations in the body where smooth muscle is found include:

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17. The opposing contractions that move material through smooth muscle is known as p\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

18. What is the shape of smooth muscle cells?

19. Smooth muscle can be described as

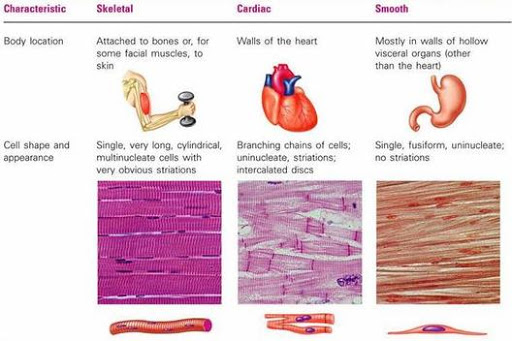
a. Striated

b. Non-striated

c. Branched

d. None of these

20. Label the following muscle tissue types:



\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_