

# **A & P Chapter 6**

## **Muscle WS #1**

1. Name and describe the three types of muscle tissue.
2. What do the prefixes myo, mys, and sarco mean?
3. What are 4 functions muscles perform?
4. Name and describe the 4 special properties that muscles have that helps them perform the functions listed in # 3.
5. What do the prefixes epi, peri, and endo mean?
6. What is the sarcolemma?
7. Muscle cells are also called muscle \_\_\_\_\_.
8. What do myofibrils consist of?
9. Why are skeletal muscles striated?

10. What is a sarcomere?

11. Describe the structure of a sarcomere.

12. Describe the thick and thin filaments.

13. What is a neuromuscular junction?

14. What is a synaptic cleft?

15. What is a neurotransmitter and what neurotransmitter is used in muscle contraction?

16. The neurotransmitter listed in #15 causes the sarcolemma to become permeable to what?

17. What is an action potential and what initiates an action potential in our muscle cells?