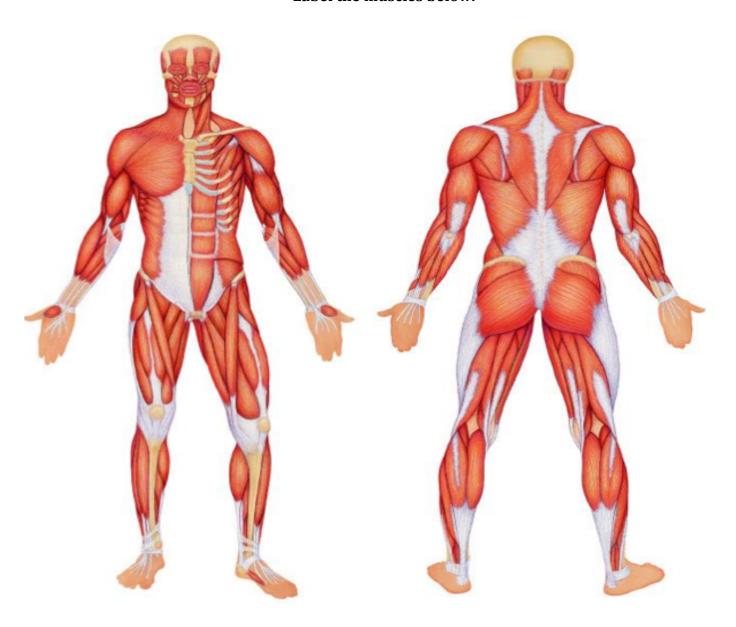
1. What are the two	Muscular Syster o main functions of the muscle	n Independent Review system?		
2. Fill in the chart for the muscle tissue.				
	Trait			
Muscle Type	What does it look like? (Striations? How many nuclei?)	How is it controlled? Voluntarily or Involuntarily	Where is it found? (Location on the body)	
3. Which way do striations go? Draw out and label each.				
4. With regards to the size of the muscle, write out the sizes of the girth and length of our muscles.				
5. Location of the muscle on the body. a. flexor carpi radialis: c. tibialis anterior: b. quadriceps femoris: d. pectoralis major:				
6. How many times does the muscle attach at the origin? a. biceps: c. quadriceps:				
7. What is the general shape of the muscle? Write out the two muscle shapes.				

Date:_____

Name:_____

8. Physiology of a muscle.
a. muscle cell: b. muscle fiber: c. muscle fibers are packed with what types of protein:
d. the cover membrane of a muscle cell:
e. bundle of cells in your muscle:
9. Muscles always attach to bones in at least TWO locations. What are these? Define them.
10. In what direction does a muscle contract?
11. Muscles contractions: Involving an influx of, the conversion of to
(which provides for a muscle to contract).
An associated nerve stimulates a chemical called (transmit signals from a
muscle cell, which creates a strange charge called an
The positive nature of the action potential causes it to travel down the fibers of the muscle from
origin to insertion. The contract must complete itself once it has started.
12. Muscle movement Flexion:
Extension:
Abduction:
Adduction:
Rotation:
Elevation:
Depression:
13. Trivia!!!
a. how many muscles are there in the human body?
b. what's the biggest muscle of the body?
c. what is the longest?
d. how about the strongest muscle?

Label the muscles below.



Muscular Pathologies

14. What is cramping?	
15. What could cause cramping?	
16. Muscular dystrophy is a	_ disorder? What does it do to the body?

- 17. What causes tetanus?
- 18. How does ALS affect the body?
- 19. What is an autoimmune disorder?
- 20. What is fibromyalgia?