

Name:

Date:

Class:

What is an EMG? Pre-Quiz **Answer Key**

Directions

Answer the following questions the best you can. You are not expected to know the answers, and this assignment will not be graded.

1. **EMG** stands for:

- a. Emergency Medical Gauge
- b. Electromyography**
- c. External Motor Guidance
- d. Electromagnetism.

2. Fill in the blank of the following statement:

Electrical activity is displayed on monitors called oscilloscopes in the form of **waves**.

3. True or False: The more forcefully a muscle is contracted, the fewer the **action potentials** it will fire. If the statement is false, please explain why.

False, the more forcefully a muscle is contracted, the more action potentials it will fire. This is because more muscle fibers are being moved, requiring more action potentials to fire.

4. Fill in the blank of the following statement:

Motor neurons send electrical signals to our muscles.