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

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| **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:
2. Emergency Medical Gauge
3. **Electromyography**
4. External Motor Guidance
5. Electromagnetism.
6. Fill in the blank of the following statement:

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

1. 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.

1. Fill in the blank of the following statement:

**Motor** neurons send electrical signals to our muscles.