**What is an EMG? Post-Quiz**

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| **Directions** |
| Answer the following questions the best you can. This is a graded assignment. |

1. What is an EMG? In 2-3 sentences, please explain what EMG stands for, how you would define it, and provide one example for why they are important.
2. Fill in the blanks of the following sentence:

\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_ are electrical signals generated by our neurons to convey information.

1. Please draw a picture of the waves an oscilloscope might display for a normal, healthy muscle at three different levels of contraction:

|  |  |  |
| --- | --- | --- |
| Rest | Slight Contraction | Forceful Contraction |
|  |  |  |

1. What are the two primary types of motor neurons? Use them to fill in the following statement:

\_\_\_\_\_\_\_\_\_\_\_\_ motor neurons originate in the brain and send information to \_\_\_\_\_\_\_\_\_\_\_\_ motor neurons, which are attached to our muscles.