

Name:

Date:

Class:

Making Sense Assessment

Now that you have drawn a homunculus and understood how specific areas of the brain are responsible for specific muscle functions, it's time to expand your knowledge and reflect on what you've learned. Use the science and engineering skills you've learned to answer the following questions:

1. Multiple sclerosis (MS) is an autoimmune disease wherein the myelin sheath on the neurons is destroyed, and the signal is not transmitted across the synapse. Explain how a medication helping MS would solve this problem.
2. Drug addiction is becoming an issue with teens in America. Explain addiction based on the physiology of the synapse.