

Name:

Date:

Class:

Day 1: Intro to Neural Circuits Worksheet

1. What parts of the body do you think are involved in the clenching of your fist? Think broadly!

2. How would you program a robot to clench its fist?

A **neural circuit** is _____ interconnected by _____ to _____ when activated.

Multiple neural circuits interconnect to form _____.

3. Sketch the components involved with the task of a person clenching their fist. Include where the decision begins, how it is transferred to the fist, and what body parts go into clenching the fist.

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4. How is the brain involved in the task of clenching a fist?

5. What similarities and differences would be involved if a robot was implementing this process instead?
