PsychSim 5: NEURAL MESSAGES

Name: _____ **Section:** _____

Date: _____

This activity explains the way that neurons communicate with each other.

Neuron Parts
Match the part of the neuron identified with its description:

o ___ Axon	A. Contains the nucleus, which controls the function of the entire cell
o ___ Axon terminals	B. Carry signals to other nerve cells
o ___ Cell body (soma)	C. Receive signals from other nerve cells
o ___ Dendrites	D. Contain small sacs called synaptic vesicles that play an important role in transmitting signals from one cell to the next

A Tip

- Dendrites _____
- Axons _____

A Closer Look

- What does it mean to say that an axon's membrane is "selectively permeable?"

- Given what you know about synaptic transmission, how do you think a message jumps across the synaptic gap and is passed to the next neuron?