

Name _____

Class Period _____

Neuron Quiz

- 1) True or False A neuron's dendrite is highly branched and releases neural transmitters at the synaptic junction in order to excite the axon of the adjacent neuron.

- 2) True or False The axon of a neuron is covered with a substance called myelin which insulates the long process much like an electrical cord is insulated.

- 3) Neural transmitters are released from
 - a. The dendrite
 - b. The axon
 - c. The cell body or soma

- 4) Neural transmitters are received at the _____ in order to excite the cell and propagate the electrical activity.
 - a. The dendrite
 - b. The axon
 - c. The cell body

- 5) True or False Neural transmitters are left in the synaptic cleft indefinitely.

Please draw two neurons in the space below. Be sure to draw them in the proper orientation so that they can communicate. Label the following parts; Soma (Cell body), Axon, Dendrite, Nucleus, Synaptic cleft