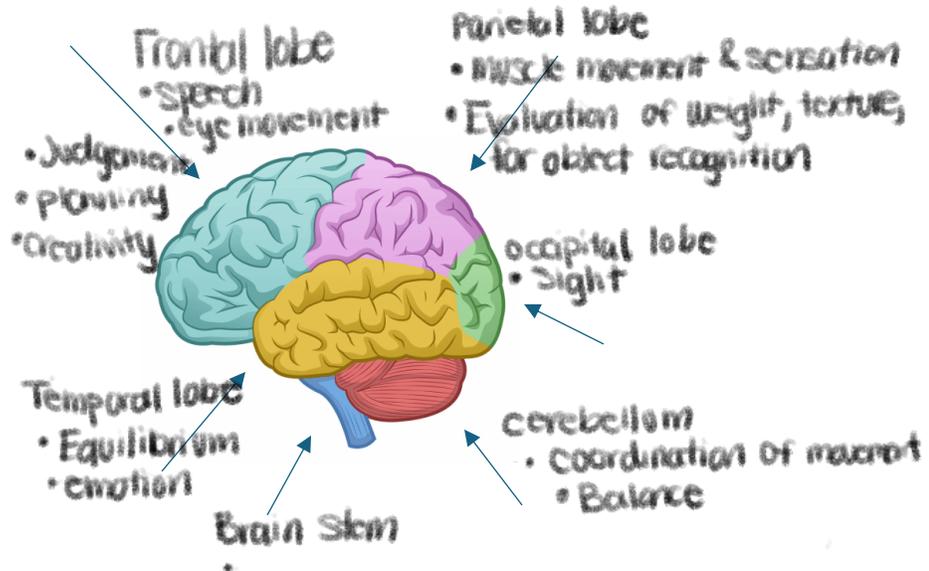


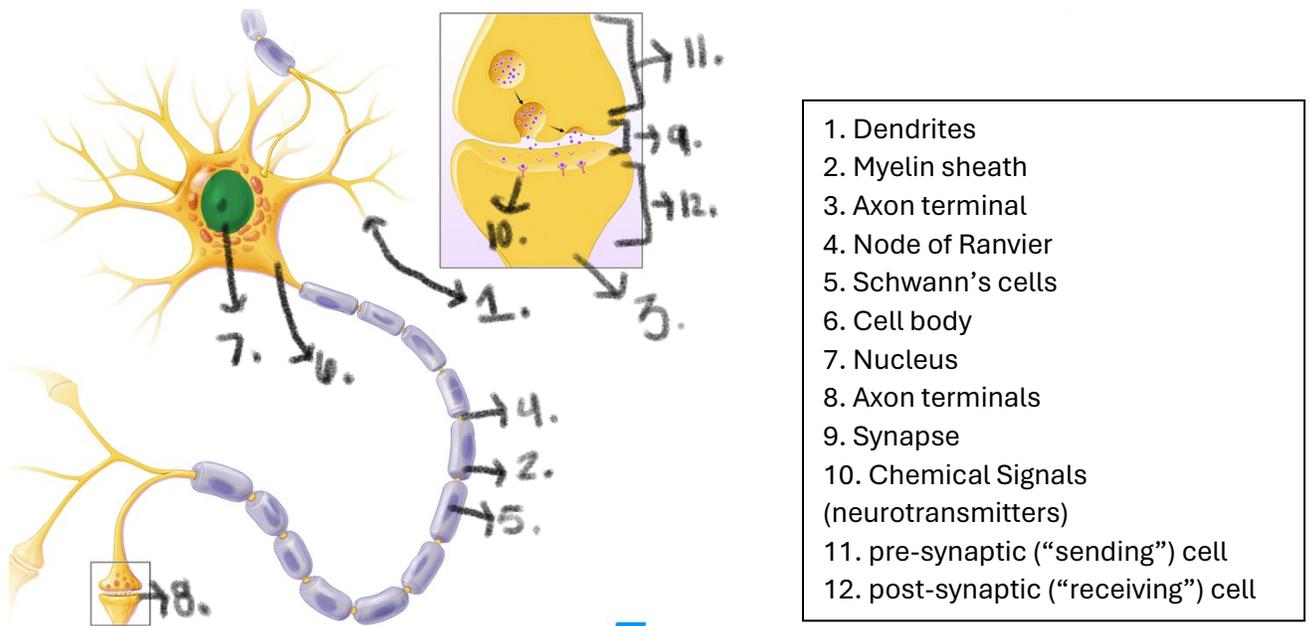
Neurosensory Unit Part 1: A&P

Class Preparation

A. Label the parts of the brain and identify the function of each part.



B. Label the parts of the neuron:



C. Describe nerve impulse conduction, including action potential and neurotransmitters.

Action potential is generated at the axon hillock, travels down the axon which causes voltage gated ion channels to open & close. At the axon terminal the action potential stimulates release of neurotransmitters at synaptic cleft. The neurotransmitters then bind to receptors on postsynaptic cell to excite or inhibit.