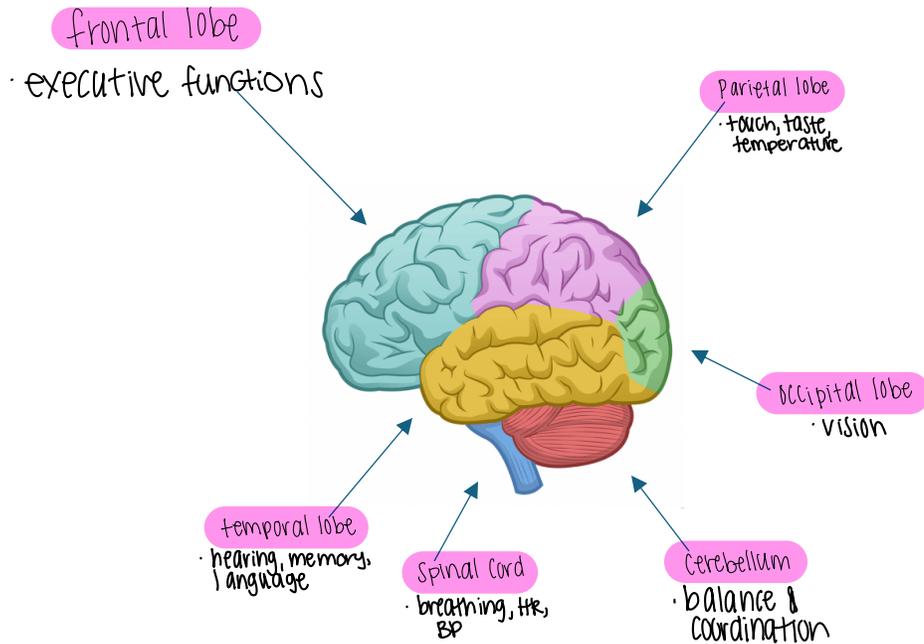


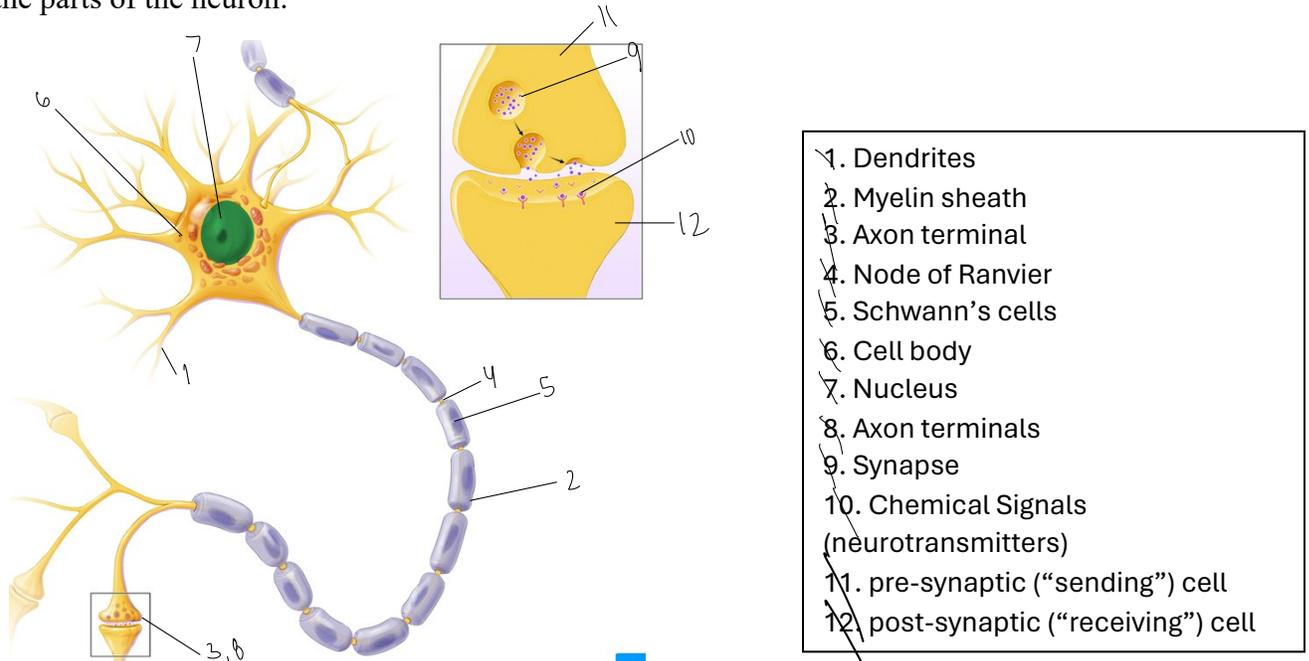
# Neurosensory Unit Part 1: A&P

## 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.

Nerve impulse conduction is an electrical transmission along axon and a chemical transmission between neurons. This results from sodium and potassium ions along the axon. Action potentials is an electrical impulse that travels along the axon by depolarization and repolarization. Depolarization is when sodium is rushed to the cell. Repolarization is when potassium enters the cell slowly. Neurotransmitters are chemicals that take part in transmitting impulses to the receiving neuron.