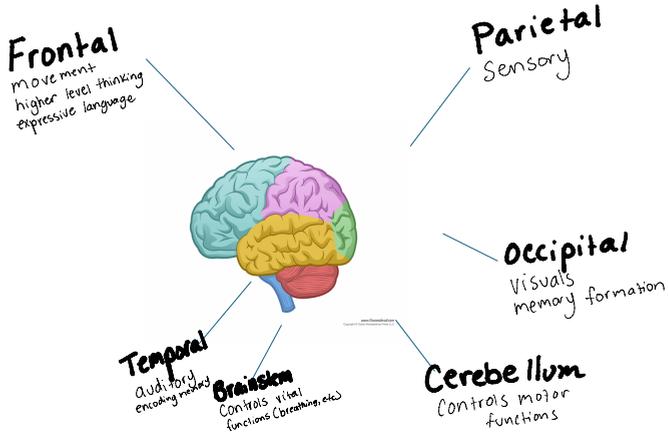


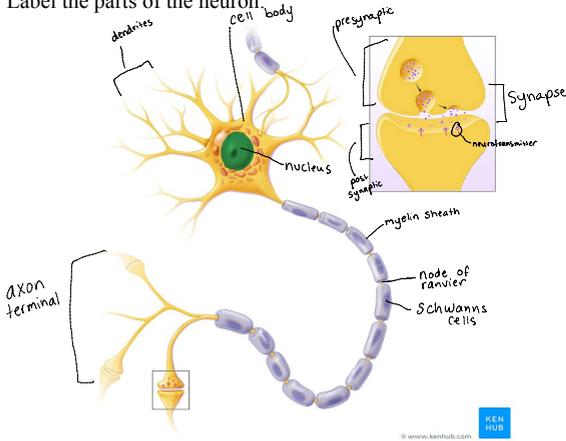
Neurosensory Unit Part 1: A&P

Class Preparation

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



B. Label the parts of the neuron:



1. Dendrites
2. Myelin sheath
3. Axon terminal
4. Node of Ranvier
5. Schwann's cells

6. Cell body
7. Nucleus
8. Axon terminals
9. Synapse
10. Chemical Signals (neurotransmitters)
11. pre-synaptic ("sending") cell

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

Dendrites first receive the action potential from the linking neuron. This then travels through the cell body and down the axon. When it reaches the axon terminals, neurotransmitters get released and into the synapse, to then move to the next neuron.

12. post-synaptic ("receiving") cell