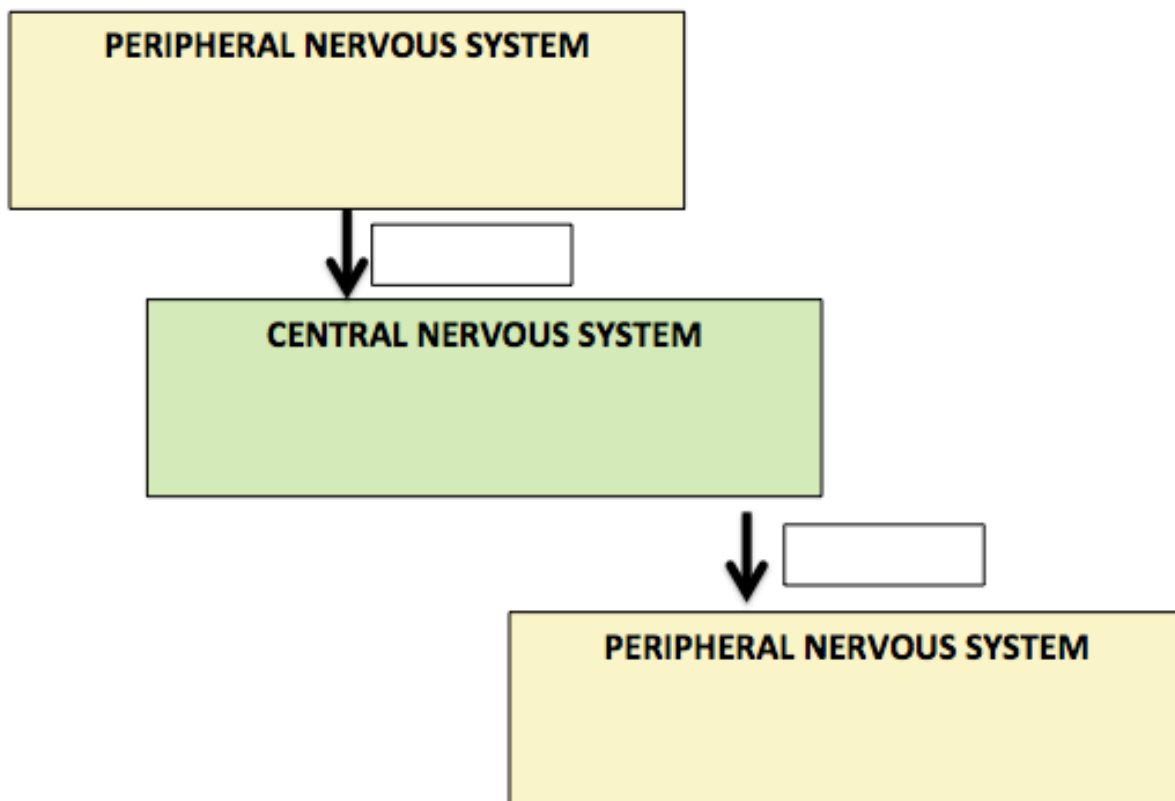


NERVOUS SYSTEM
WORKSHEET 1
Neuron, CNS/PNS, Synapse

- 1) Complete the attached diagram of a NEURON
- 2) What are the structures of the CENTRAL nervous system (CNS)?
- 3) What are the structures of the PERIPHERAL nervous system (PNS)?
- 4) Fill in the flow chart below to outline the functions of the peripheral nervous system (PNS) and central nervous system (CNS).



5) Match the steps neurotransmission in a synapse to the parts of a synapse, using the information and diagram below.

- Receptors on the dendrite of another neuron receive the neurotransmitters.
- Vesicles in the axon terminal contain chemicals called neurotransmitters.
- An impulse arrives at the tip of a neuron, called an axon terminal
- Neurotransmitters move to the edge of the terminal by exocytosis.
- The neurotransmitters cross the gap by the diffusion.

