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.