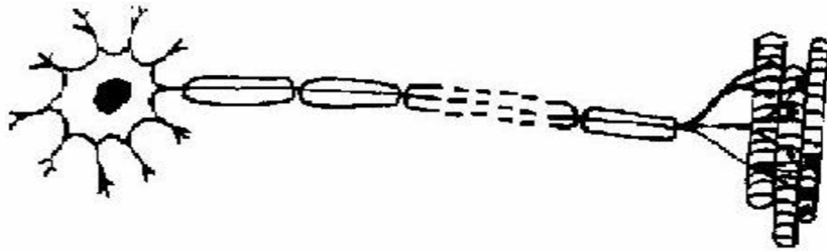


**The Nervous System Worksheet**

Name: \_\_\_\_\_ Period: \_\_\_\_\_ Date: \_\_\_\_\_

1. The diagram below is of a nerve cell or neuron.
  - i. Add the following labels to the diagram.  
**Axon; Myelin sheath; Cell body; Dendrites; effector cell; synapse**
  - ii. If you like, color in the diagram as suggested below.  
 Axon - purple;  
 Myelin sheath - yellow;  
 Cell body - blue;  
 Dendrites - green;  
 Muscle fibers – red;
  - iii. Use an arrow to indicate the direction that the nerve impulse travels.



2. There are three different kinds of neurons or nerve cell. Match each kind with its function.

**Motor neuron; Sensory neuron; Relay neuron;**

Kind of neuron	Function
	The nerve cell that carries impulses from a sense receptor to the brain or spinal cord.
	The nerve cell that connects sensory and motor neurons
	The nerve cell that transmits impulses from the brain or spinal cord to a muscle or gland