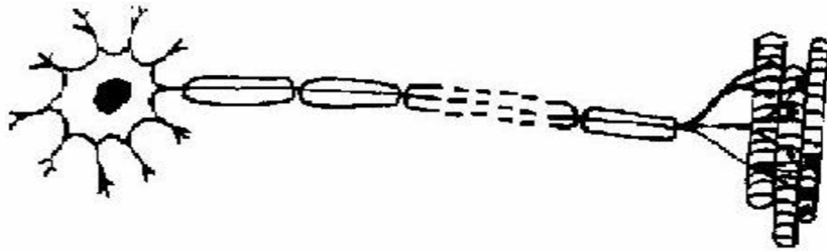


The Nervous System Worksheet

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