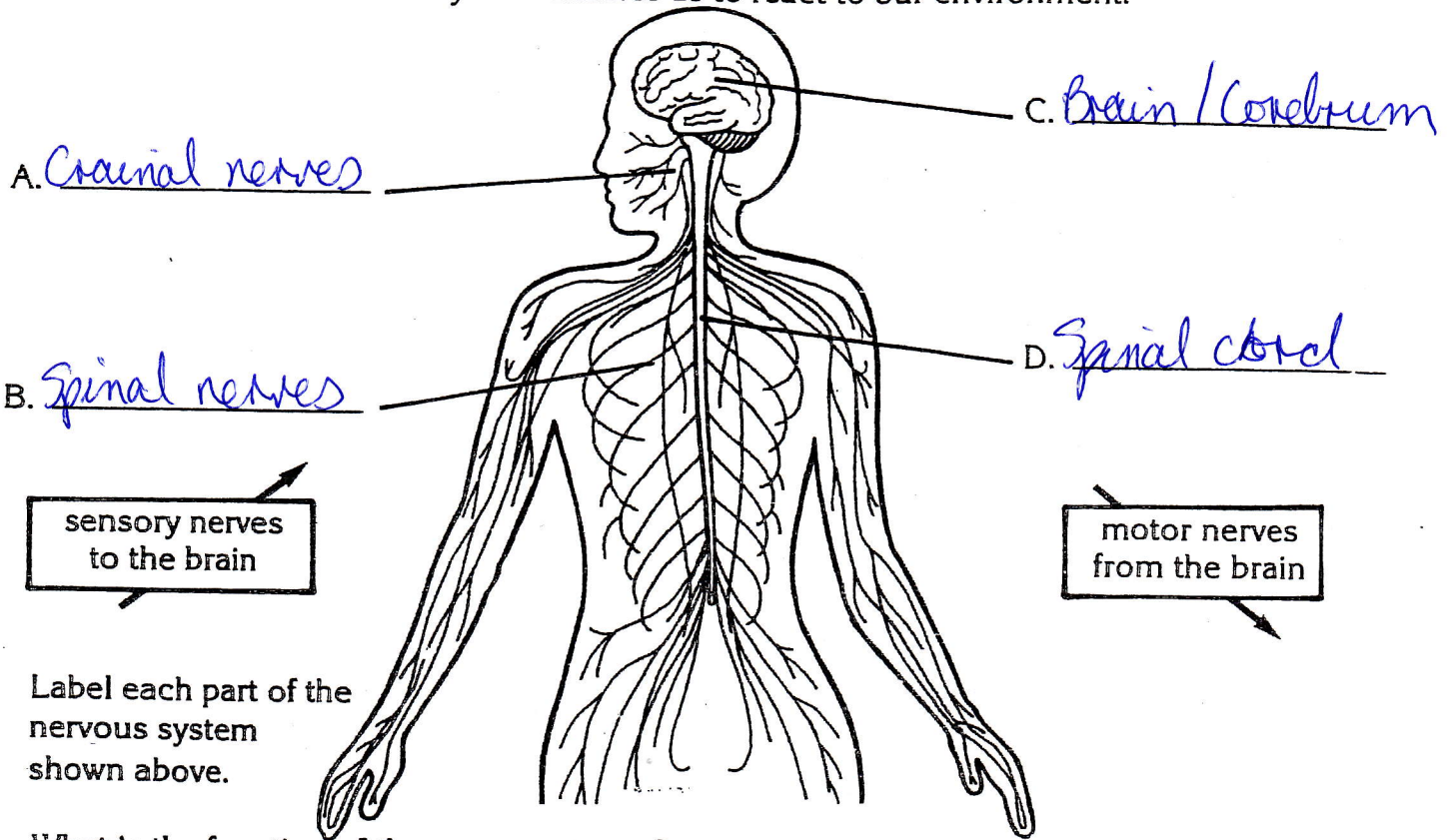


# The Nervous System

The nervous system enables us to react to our environment.



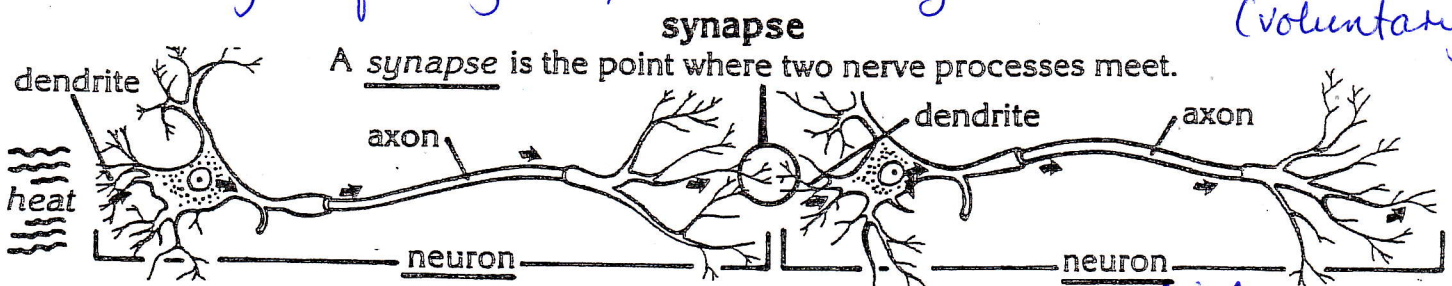
1. Label each part of the nervous system shown above.
2. What is the function of the sensory nerves? \_\_\_\_\_

send message to central nervous system

3. What is the function of the motor nerves? \_\_\_\_\_

send message to muscles

4. Describe what messages are sent by the nervous system when you go outside wearing a sweater on a very hot day. ① involuntary - sweat. ② brain interprets sweating or feeling hot, sends message to remove sweater (voluntary)



5. The part of the neuron that receives impulses is called the dendrite.
6. The part of the neuron that conducts the nerve impulse away from the cell body is called the axon.
7. The gap between the dendrites of one neuron and the axon endings of another neuron is called a synapse.