## The Nervous System II: Synaptic Potentials and Cellular Integration

1.	Enhanced postsynaptic potentials are due to increased entering the
	terminal as a result of
2.	Presynaptic inhibition is due to decreased entering the terminal as
	a result of
3.	a. Synaptic potentials are also known as potentials.
	b. They as they travel away from the synapse.
4.	a. Increasing the number of action potentials on an axon in a given period
	of time would cause summation.
	b. Increasing the number of synapses from different neurons would cause
	summation.
5.	The magnitude of the EPSPs may be reduced (thus affecting their ability to
	generate and their action potential) by adding
	potentials, ors.
6.	Inhibitory synapses would have the maximum effect if located where?
7.	From the quiz, how many impulses did it take to cause an action potential:
	a. From the axon the furthest away from the cell body?
	b. From the axon located on the cell body?
8.	Pulses from how many neurons were required to stimulate the postsynaptic
	neuron?
9.	Compare action potentials and synaptic potentials:

	Action Potential	Synaptic Potential
Function		
Depolarization/ hyperpolarizations		
Magnitude		