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

1. Difficulties in **movement**  and **memory**  occur when there is too little acetylcholine binding to receptor sites.
2. What procedure is used to check for seizure activity prior to surgery? **Electrical Stimulation of the Brain or ESB**
3. Medulla is to sensory as Pons is to **Motor neurons. (Motor is acceptable)**
4. We are able to sit up in our chairs due to the **cerebellum.**
5. All senses are processed in the **thalamus** with the exception of the sense of **smell** , which is processed in the **olfactory bulbs.**
6. Which limbic system structure is actually located in the cortex? **Cingulate Cortex**
7. Why do signals to the adrenal glands stop when the parasympathetic division of the autonomic nervous system is activated? **The adrenal glands are not connected to the parasympathetic division.**
8. If a person truly understands how the brain works they know that the **hypothalamus** and not the pituitary gland is the master regulator of hormones.
9. Fill in the pathway

The **adrenal medulla,**  a section of the adrenal gland releases epinephrine and norepinephrine when people are under stress which activates the **sympathetic** division of the autonomic nervous system.

1. What are the three functions of the nervous system? **Input/receive information, processing/integrate information, output/guide actions**