Neural Activity Questions Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. What are the rules to the game "Telephone"?

2. Why is the message in telephone rarely communicated correctly?

3. How do neurons and dendrites work together to forge neural communication?

4. What initiates activation? How does the neuron release a NT? Where does the NT go?

5. What happens to information transmission when there is not enough neurotransmitter chemicals to initiate communication?

6. What will happen if a dendrite is unable (blocked from) uptake of neurotransmitters?

7. Are there other neurotransmitters involved in the transmission of information?

8. What would happen if one of the dendrites did not work? Axons? Terminal fibers?

9. What could happen if a dendrite did not recognize the specific neurotransmitter?

10.How was neurotransmission altered in this simulation? What result did this have?

11. How is this alteration similar to that of someone with depression? What result could/would this have?