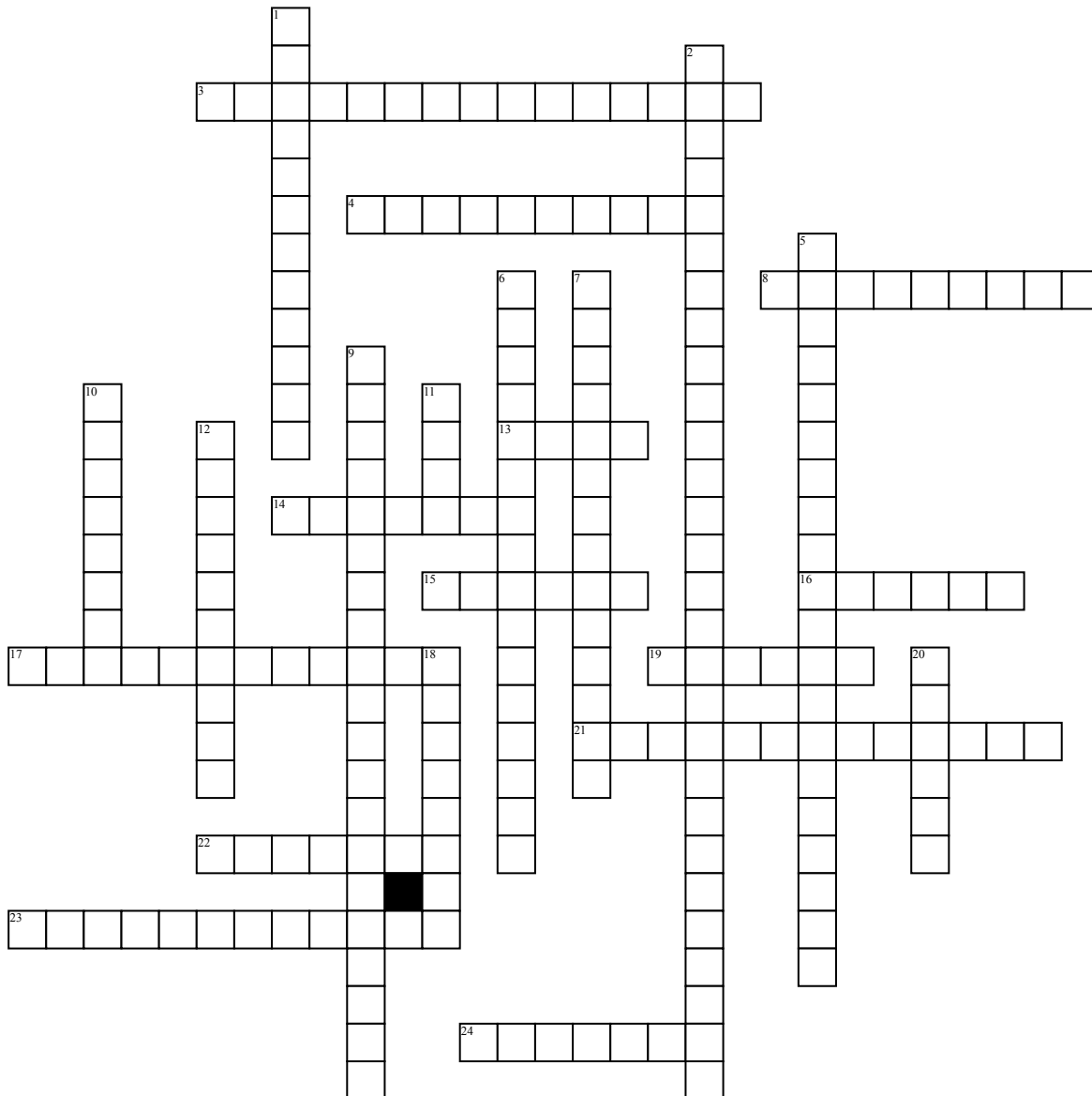


Name: _____

Date: _____

unit 3 psychology terms



Across

3. a neural impulse; a brief electrical charge that travels down an axon
 4. natural opiate-like neurotransmitters linked to pain control and to pleasure
 8. a neurons, bushy branching extensions that receive messages and conduct impulse towards the cell body
 13. the neuron extension that passes messages through its branches to other neurons or to muscles or glands
 14. a molecule that, by binding to a receptor site, stimulates a response
 15. bundled axons that form neural "cables" connecting the central nervous system with muscles, glands, and sense organs
 16. a simple, automatic response to a sensory stimulus
 17. a fatty tissue layer segmentally encasing the scone of some neurons

19. a nerve cell; the basic building block of the nervous system
 21. the body's speedy, electrochemical communication network, consisting of all the nerve cells of the peripheral and central nervous system
 22. a visual display of brain activity that detects where a radioactive form of glucose goes while the brain performs a given task
 23. neurons that carry outgoing information from the brain and spinal cord to the muscles and glands
 24. the junction between the axon tip of the sending neuron and the dendrite or cell body of the receiving neuron

Down

1. neurons within the brain and spinal cord that communicate internally and intervene between the sensory inputs and motor outputs
 2. the division of the autonomic nervous system that calms the body, conserving it's energy

5. the brain and the spinal cord
 6. a period of inactivity after a neuron has fired
 7. neurons that carry incoming information from the sensory receptors to the brain and spinal cord
 9. the scientific study of the links between biological (genetic, neural, hormonal) and psychological processes
 10. a neurotransmitters reabsorption by the sending neuron
 11. a technique for revealing blood flow and brain activity by comparing successive MRI scans
 12. a molecule that, by binding to a receptor site, inhibits or blocks response
 18. chemical messengers that are manufactured by the endocrine glands travel through the bloodstream and affect other tissues
 20. tissue destruction