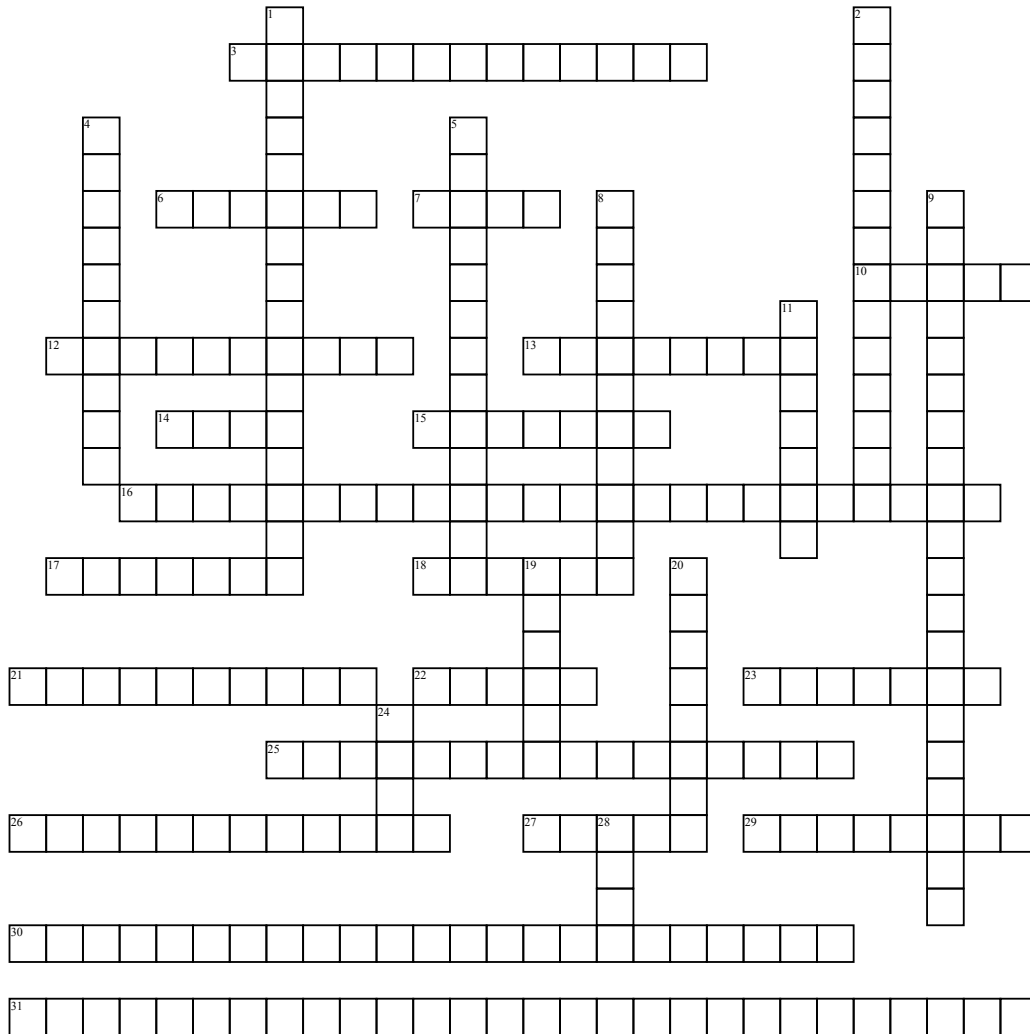


Name: _____

Date: _____

Period: _____

The Nervous System



Across

3. Neurons that convert external stimuli into messages to the brain
 6. An action that is caused by stimulus and done without thought
 7. Refracts light into a picture onto the retina
 10. A cell in the retina that responds to sharp light and color, sharpness of vision
 12. Back of the brain that coordinates muscle movements
 13. Front of the brain that integrates left and right parts of the brain
 14. Nerve fiber that extends from the neuron and sends electrical impulses
 15. Spiral cavity of the inner ear
 16. Prepares the body for intense physical activity
 17. Structure containing nerve cell bodies, swelling on nerve fiber

18. A cell that transmits nerve impulses
 21. Bundle of nerves surrounding the spine that connects the whole body to the spine
 22. Organ that is the center of the nervous system
 23. Junction between nerve cells
 25. A chemical that is released by neurons to send messages
 26. Signal that is translated along the nerve fiber
 27. Bundle of fibers that send messages to the brain and then to the muscles
 29. Something that transmits stimuli to sensory nerves
 30. Nerves outside brain and spinal cord
 31. Relaxes the body by; slowing heart rate, relaxing sphincter, ETC

Down

1. Lowest part of brain stem

2. A structure that responds to light falling on it
 4. Nerve that translates brain to retina
 5. A chemical released to send messages
 8. Neuron apart of the path between brain and muscles
 9. Nerves inside brain and spinal cord
 11. A pulse of electric energy that travels along nerves and directs the body
 19. A wall of cells in the back of the eye that sends impulses to the optic nerve
 20. Extension of the nerve cell that receives/pass info to and from cells
 24. Responsible for controlling amt of light falling on retina
 28. Light sensitive cells in the retina that provide side vision and sight in the dark

Word Bank

Spinal cord
 Reflex
 Cochlea
 Peripheral nervous system
 Lens
 Parasympathetic nervous system
 Receptor
 Photo receptors

Cerebrum
 Cones
 Nerve impulse
 Neuron
 Rods
 Sympathetic nervous system
 Motor neuron
 Iris

Cerebellum
 Retina
 Synapse
 Impulse
 Acetylcholine
 Axon
 Nerve
 Ganglia

Medulla oblongata
 Optic nerve
 Central nervous system
 Dendrite
 Neurotransmitter
 Sensory neuron
 Brain