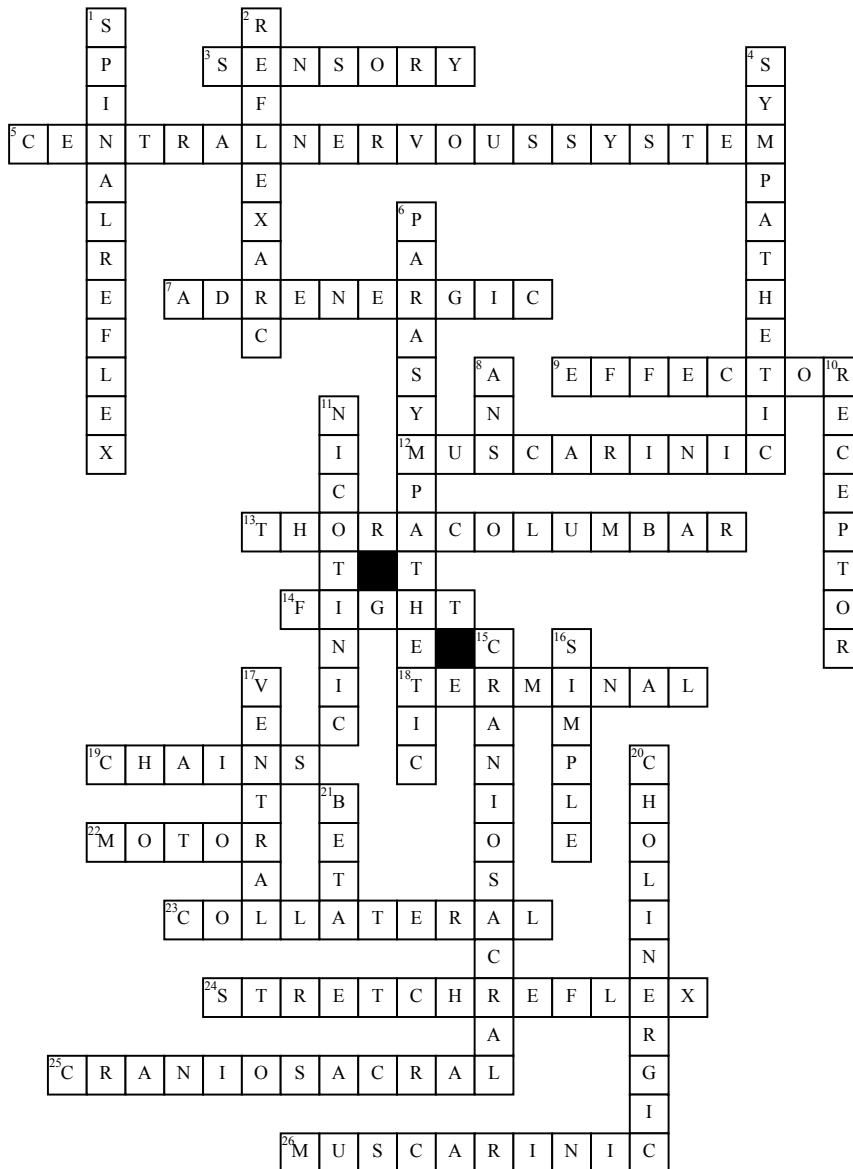


Name: _____

Date: _____

reflex arc



Across

3. cells that transmit impulses towards the CNS
 5. where impulses are coordinated and a response is organized
 7. activated by adrenaline
 9. a muscle or gland that carries out a response
 12. this receptor binds a poison
 13. motor neurons originate in the
 14. sympathetic responds to stress flight or
 18. also known as _____ these are near or within walls of effectors
 19. two cordlike strands of ganglia, sympathetic...

22. a cell that carries an impulse away
 23. nerves that supply the abdominal and pelvis organs synapse are _____ ganglia
 24. a stretched muscle that responds by contracting
 25. parasympathetic pathways begin in the
 26. a poison binds these receptors
Down

1. simple response that does not involve the brain
 2. from stimulus to response is termed a
 4. this system can be summarized by the 4 E'S

6. this system is termed cholinergic
 8. also known as the visceral system (abbreviated)
 10. the end of the dendrite, that detects stimulus
 11. binds nicotine on skeletal muscle cells
 15. these motor pathways begin in the
 16. a rapid, uncomplicated and automated response
 17. motor impulses leave the _____ horn
 20. neurons of the parasympathetic release ACh, this system is
 21. 2nd class of receptors is the adrenergic receptors alpha and _____