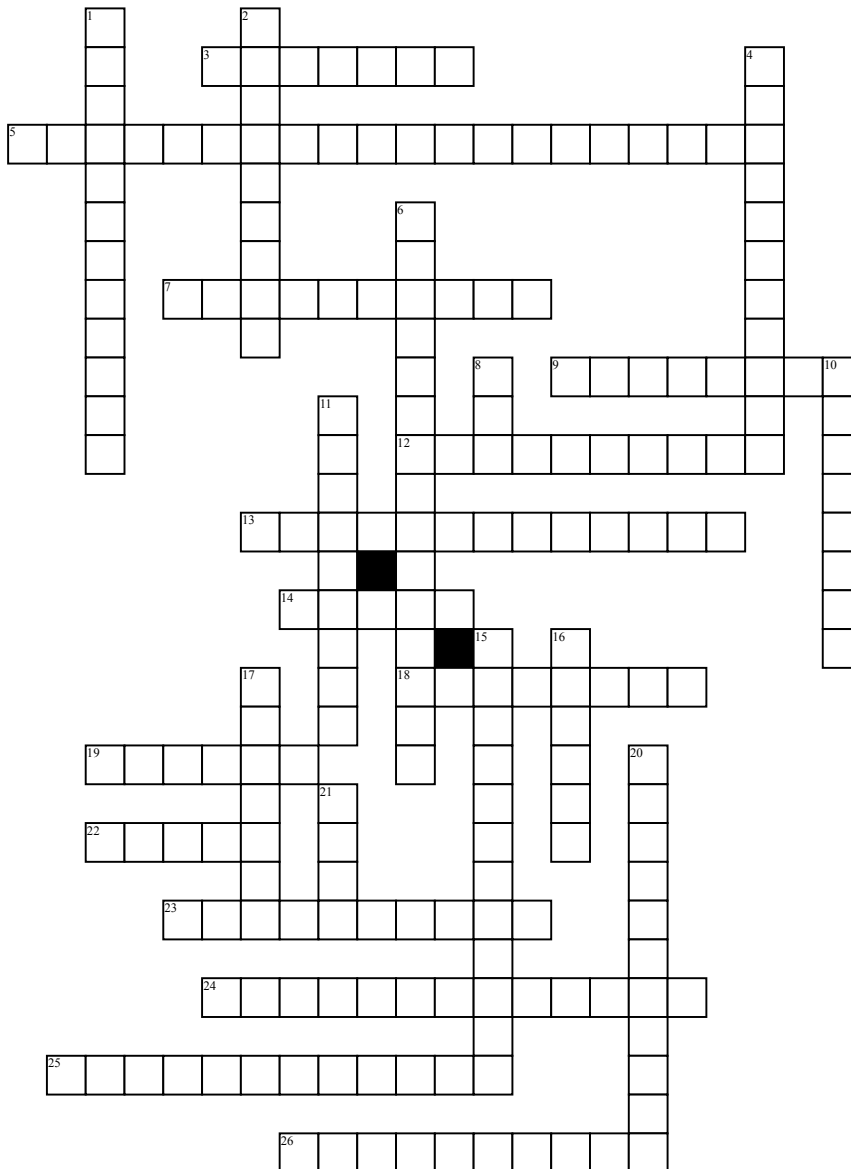


Name: _____

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 pelvic 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 _____