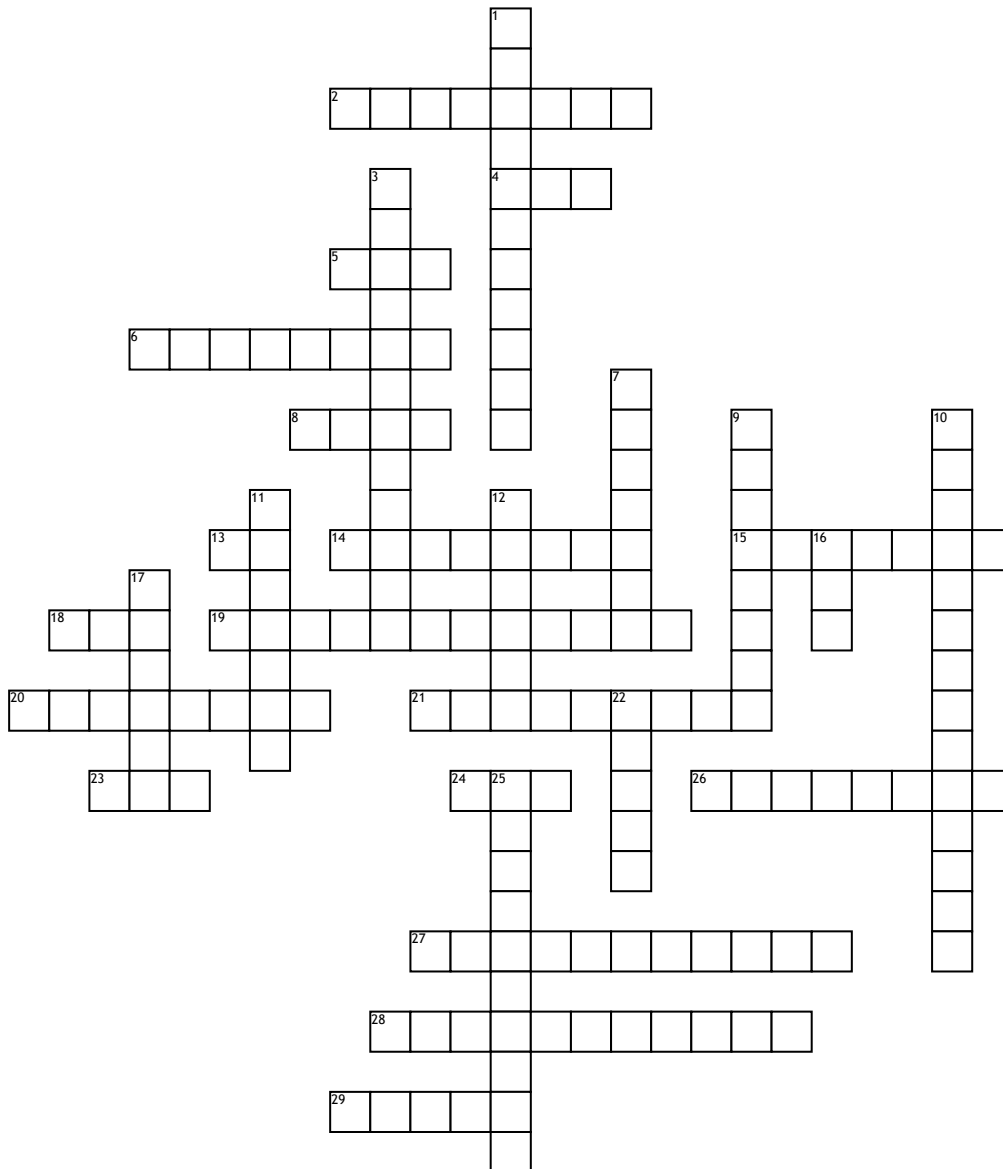


Name: _____

Date: _____

Endocrine Puzzle



Across

2. the gland behind the stomach that secretes insulin and glucagon

4. hormone secreted by the anterior pituitary that stimulates the thyroid gland to produce T3 and T4

5. the hormone released by the anterior pituitary gland that stimulates the ovaries to release estrogen and the testes to release testosterone

6. hormone made by the pancreas that regulates glucose levels in the blood by promoting the breakdown of glycogen to glucose

8. hormone secreted by the hypothalamus that stimulates the production and release of cortisol

13. hormone secreted by the anterior pituitary that stimulates growth in the body

14. steroid hormone secreted by the adrenal gland that regulates blood-sugar levels

15. hormones secreted by the thyroid that are made up of iodine and regulates the body's metabolism

18. hormone secreted by the parathyroid that regulates blood-calcium levels by increasing them when they get too low

19. hormone produced in the ovaries that regulates the menstrual cycle and maintain pregnancy

20. hormone secreted by the thymus that stimulates the development of T lymphocytes for the immune system

21. the hormone secreted by the pineal gland that regulates sleep and wake cycles

23. the hormone secreted by the anterior pituitary that stimulates the production and release of melanin

24. hormone secreted by the placenta during pregnancy

26. hormone made in the ovaries that stimulates the development of secondary sex characteristics

27. the hormone, also called adrenaline, that is secreted by the adrenal gland and raises heart rate and stimulates vasodilation

28. the hormone secreted by the adrenal gland that regulates salt and water balance in the body

29. the male reproductive organ that secretes testosterone

Down

1. the gland above the kidneys that secretes adrenaline, aldosterone and cortisol

3. hormone secreted by the testes that stimulates the development of secondary sex characteristics

7. hormone made in the pancreas that regulates glucose levels in the blood by lowering them when they get too high

9. the hormone that stimulates contractions for labor and milk production for breastfeeding

10. hormone produced by the kidney that promotes the production of red blood cells in the bone marrow

11. the butterfly-shaped gland that secretes hormones that influence metabolism, such as T3 and T4

12. a small gland that secretes melatonin to regulate sleep and wake cycles

16. the hormone made by the hypothalamus and secreted by the pituitary that regulates the water in your blood

17. the hormone that secretes the hormone thymosin

22. the female reproductive organ that secretes estrogen and progesterone

25. hormone secreted by the thyroid that regulates blood-calcium levels by decreasing them when they get too high