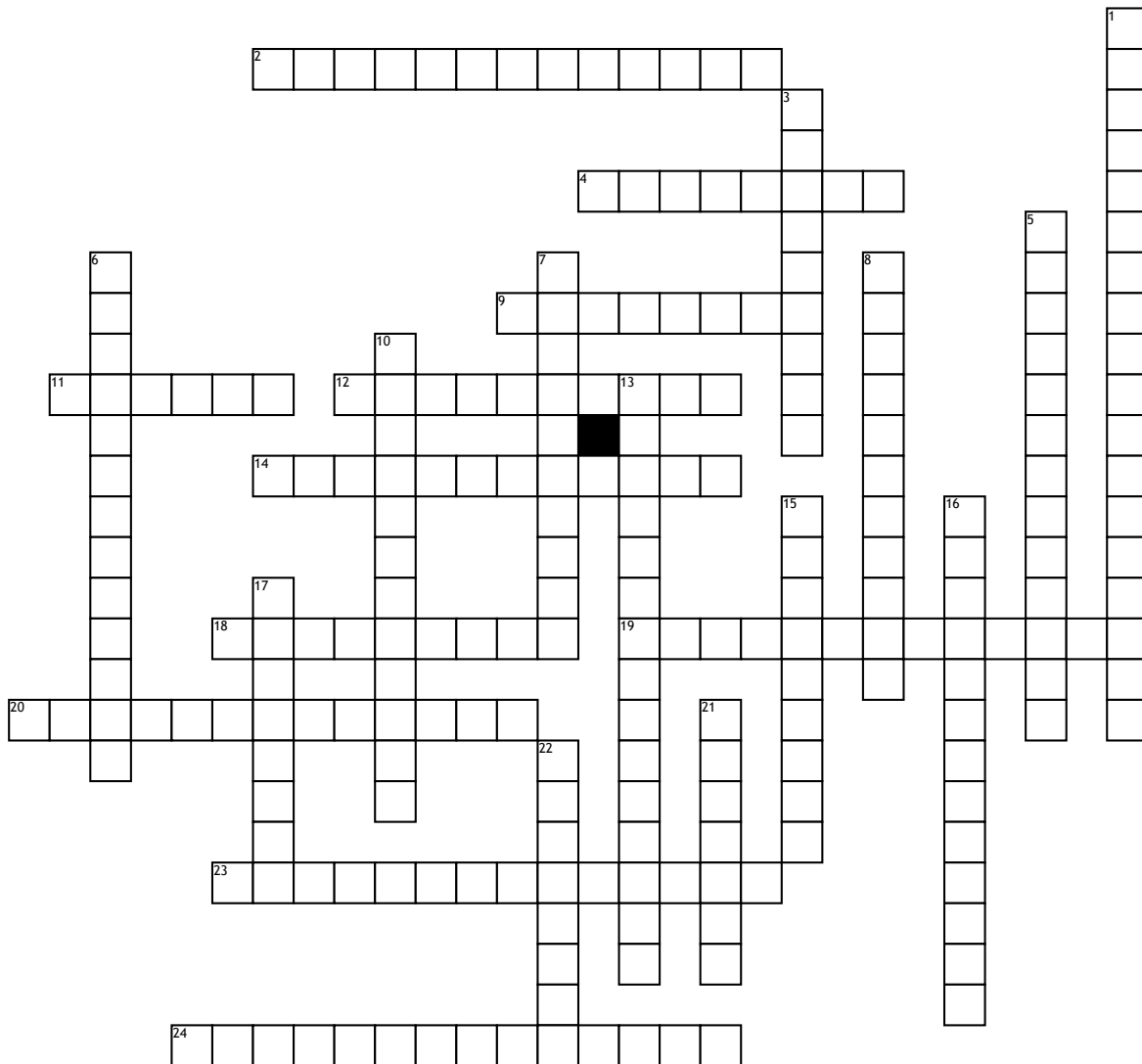


Name: \_\_\_\_\_

# endocrine system terms



## Across

2. Hypersecretion of thyroxine, believed to be autoimmune disease, symptoms reflect the metabolic rate
4. Hyposecretion of thyroxine in an adult, decreased metabolic rate results in physical and mental lethargy
9. Polysaccharide, storage if excess glucose in liver and/or muscle
11. An enlargement of the thyroid gland, due to the lack of dietary iodine
12. The pituitary gland
14. A low blood calcium level
18. Cells of islets of langerhans of the pancreas that secrete the hormone insulin
19. A high blood calcium level

20. A hormone secreted by anterior pituitary gland that increases the rate of cell division and protein synthesis

23. An increase in secretion of hormones

24. Epinephrine and norepinephrine, hormones secreted by the adrenal medulla

## Down

1. The endocrine portions of the pancreas that secrete insulin and glucagon
3. Hyposecretion of thyroxine in an infant, uncorrected, result is severe mental and physical retardation
5. A high blood glucose level
6. A decrease in secretion of hormones, or low amounts secreted
7. Cells of Islets of Langerhans of the pancreas that secrete the hormone glucagon
8. The organ in which a hormone exerts its specific effects
10. A low blood glucose level
13. Having the same effects as sympathetic impulses
15. A hormone secreted by the thyroid gland that increases energy production and protein synthesis
16. The conversion of stored glycogen to glucose to be used for energy production
17. Drowsiness, laziness, or indifferent
21. Monosaccharide, primary energy source for body cells
22. The condition of being abnormally small