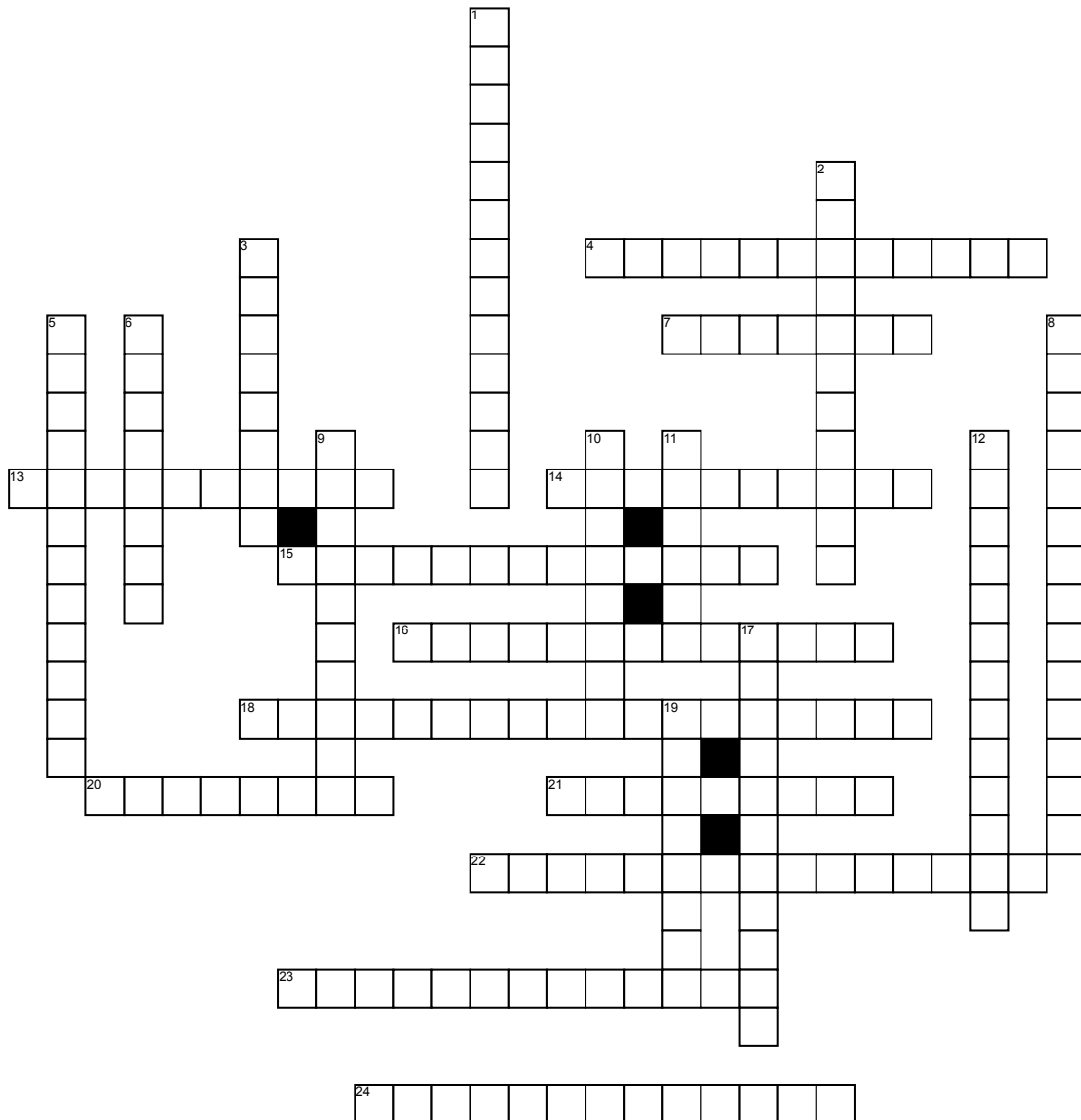


Name: \_\_\_\_\_ Date: \_\_\_\_\_ Period: \_\_\_\_\_

# Endocrine System Puzzle



## Across

4. a low blood glucose level  
 7. monosaccharide, primary energy source for body cells  
 13. hypersecretion of growth hormone in adult, resulting in excessive growth of bones of the face, hands, & feet  
 14. the pituitary gland  
 15. a hormone secreted by the thyroid gland that increases energy production & protein synthesis  
 16. a decrease in secretion of hormones, or low amounts secreted  
 18. the endocrine portions of the pancreas that secrete insulin & glucagon  
 20. the condition of being abnormally small, caused by deficiency of growth hormone

21. cells of islets of Langerhans of the pancreas that secrete the hormone insulin  
 22. having the same effects as sympathetic impulses, as has epinephrine  
 23. a high blood calcium level  
 24. hypersecretion of thyroxine, believed to be autoimmune disease, symptoms reflect the metabolic rate  
**Down**  
 1. the conversion of stored glycogen to glucose to be used for energy production  
 2. the conversion of glucose to glycogen to be stored as potential energy  
 3. drowsiness, laziness, or indifferent  
 5. a low blood calcium level

6. polysaccharide, storage of excess glucose in liver and or muscle  
 8. an increase in secretion of hormones, or high amounts secreted  
 9. cells of ISlets of Langerhans of the pancreas that secrete hormone glucagon  
 10. hyposecretion of thyroxine in an adult, decreased metabolic rate results in physical & mental lethargy  
 11. an enlargement of the thyroid gland, due to lack of dietary iodine  
 12. a high blood glucose level  
 17. the organ in which a hormone exerts its specific effects  
 19. excessive growth of the body or its parts; result of hypersecretion of growth hormone in childhood