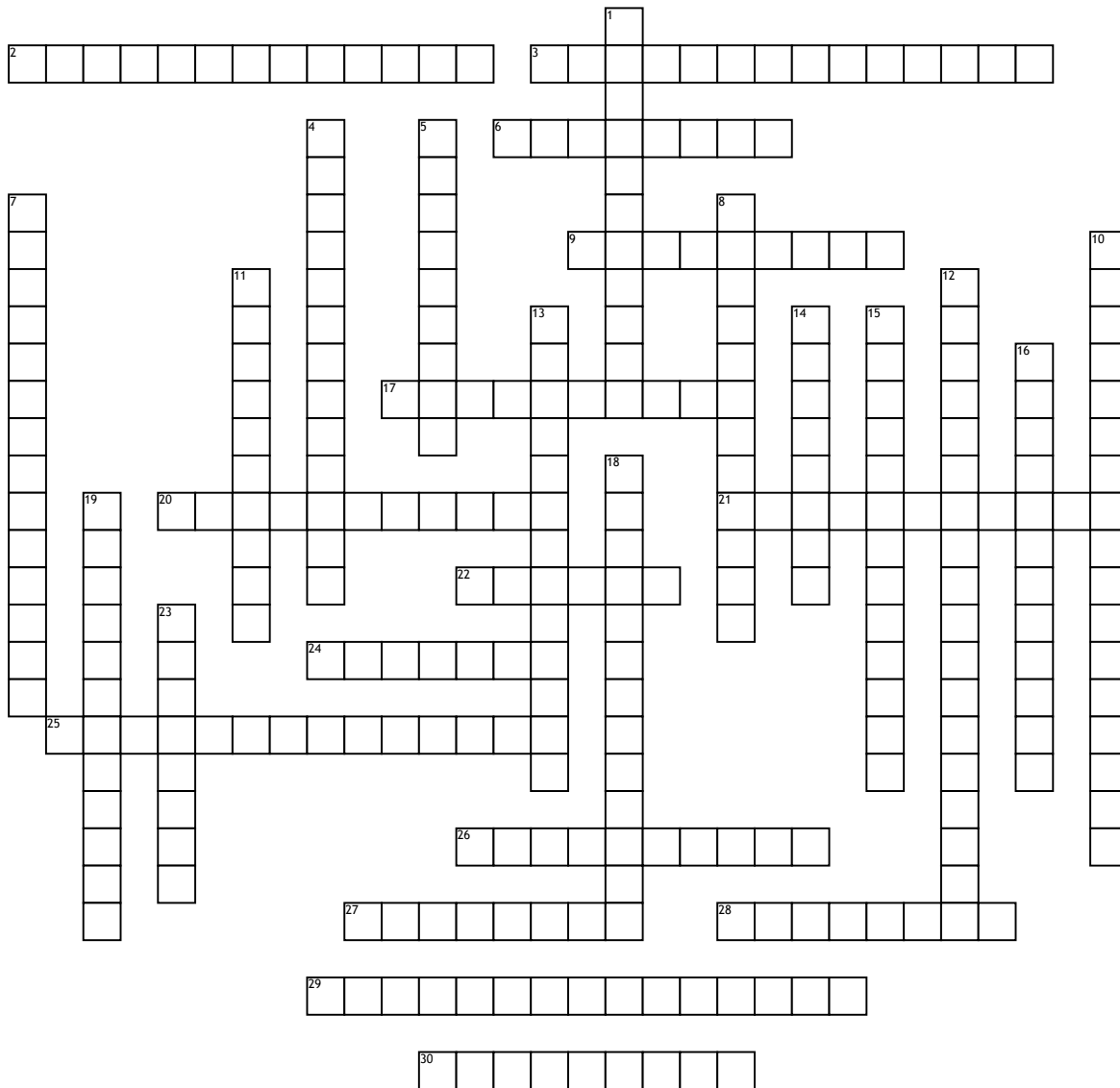


Name: \_\_\_\_\_ Date: \_\_\_\_\_ Period: \_\_\_\_\_

# Endocrine system crossword



## Across

2. The conversion of stored glycogen to glucose to be used for energy production
3. An increase in secretion of hormones, or high amounts secreted
6. excessive growth of the body or it's parts; result of hypersecretion of growth hormone in childhood
9. a hormone secreted by the thyroid gland that increases energy production & protein synthesis
17. cells of Islets of langerhans of the pancreas that secrete the hormones glucagon
20. the conversion of glucose to glycogen to be stored as potential energy
21. the organ in which a hormone exerts it specific effects
22. An enlargement of the thyroid gland, due to the lack of dietary iodine
24. monosaccharide, primary energy source for body cells
25. the conversion of excess amino acids to simple CHO or to glucose to be used for energy production

26. Hypersecretion of growth hormone in adults, resulting in excessive growth of bones of the face, hands, and feet

27. Hyposecretion of thyroxine in an adult, decreased metabolic rate results in physical & mental lethargy

28. The condition of being abnormally small, caused by deficiency of growth hormone

29. having the same effects as sympathetic impulses, as has epinephrine

30. hyposecretion of thyroxine in an infant, uncorrected, result is severe mental & physical retardation

## Down

1. A hormone secreted by adrenal medulla that stimulates many responses to enable the body to react to a stressful situation

4. a hormone secreted by anterior pituitary gland that increases the rate of cell division & protein synthesis

5. cells of Islets of langerhans of the pancreas that secrete the hormone insulin

7. epinephrine & norepinephrine, hormones secreted by the adrenal medulla

8. The temporary endocrine gland formed from an ovarian follicle that has released an ovum; secretes progesterone & estrogen

10. hormones released by the hypothalamus that stimulate secretion of hormones by the anterior pituitary gland

11. The pituitary gland

12. the endocrine portions of the pancreas that secrete insulin & glucagon

13. Hypersecretion of thyroxine, believed to be autoimmune disease, symptoms reflect the metabolic rate

14. drowsiness, laziness, or indifferent

15. A decrease in secretion of hormones, or low amounts secreted

16. a low blood glucose level

18. A high blood calcium level

19. A low blood calcium level

23. Polysaccharide, storage of excess glucose in liver and/ or muscle