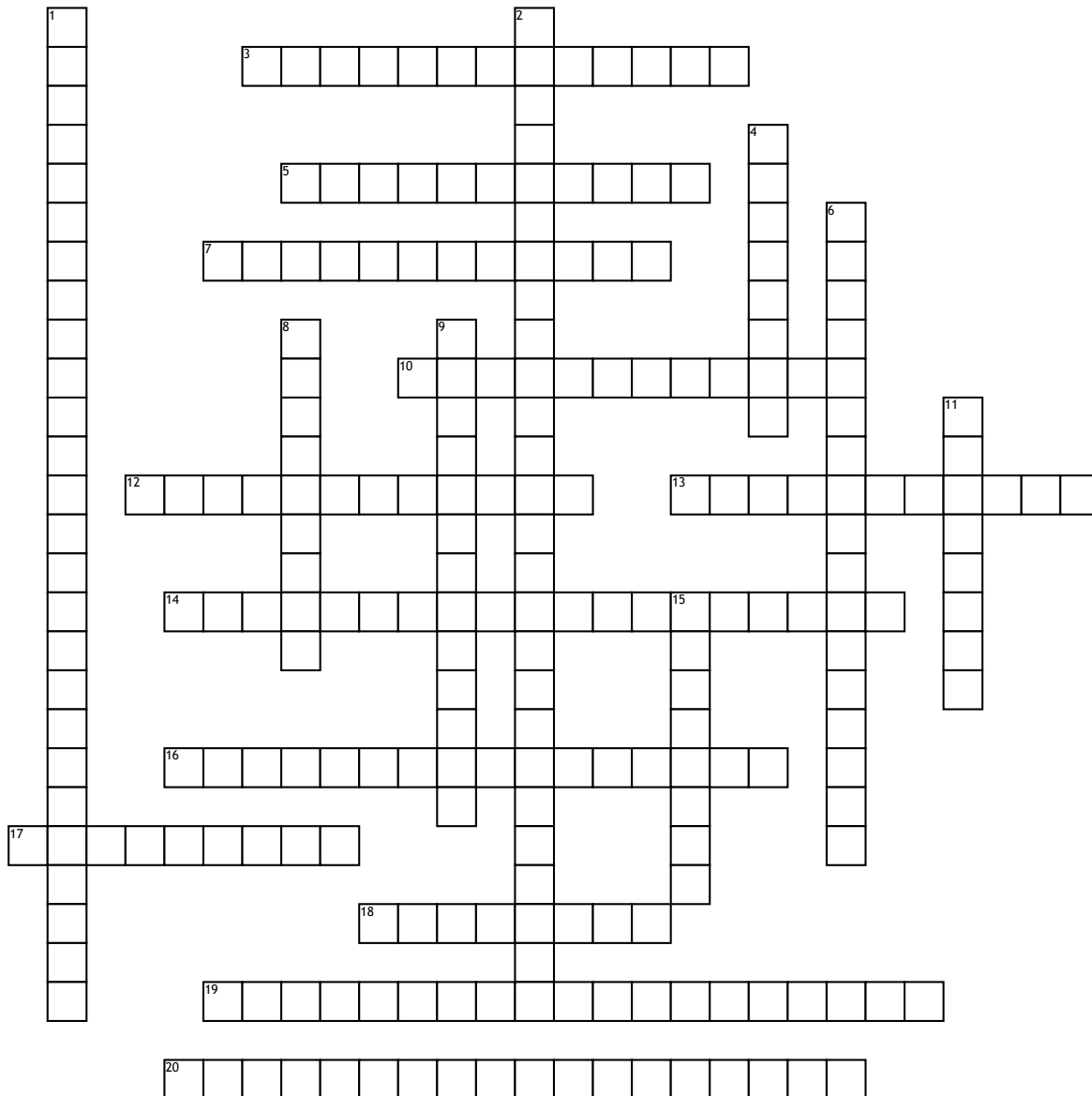


Name: _____ Date: _____ Period: _____

Endocrine System



Across

- 3. in the anterior pituitary that promotes body tissue growth
- 5. initiates ovulation
- 7. increases metabolic rate and is required for normal growth
- 10. stimulates growth and development of the testes and penis
- 12. gland that controls the release of the anterior pituitary hormone
- 13. Activates cells influenced by the SNS
- 14. stimulates constriction of blood vessels
- 16. increases metabolic rate
- 17. stimulates milk production

- 18. hormone produced by the ovaries stimulate growth of primary sex organs such as the uterus and tubes
- 19. produces epinephrine
- 20. regulates the exchange of calcium between blood and bones; increases calcium level in blood

Down

- 1. stimulates the adrenal cortex to produce glucocorticoids and androgen
- 2. promotes sperm cell development
- 4. in the pancreatic islet; stimulates the liver to release glucose, thereby increasing blood glucose levels

- 6. in the ovaries, stimulates development of mammary glands' secretory tissue and aids in maintaining pregnancy
- 8. produced by the pineal gland, this hormone regulates mood, sexual development, and daily cycles in response to the amount of light in the environment
- 9. hormones produced by the adrenal cortex; contributes to some secondary sex characteristics in women
- 11. hormone in the Adrenal Cortex increases blood glucose concentration in response to stress
- 15. causes uterine contractions and the ejection of milk from the mammary glands