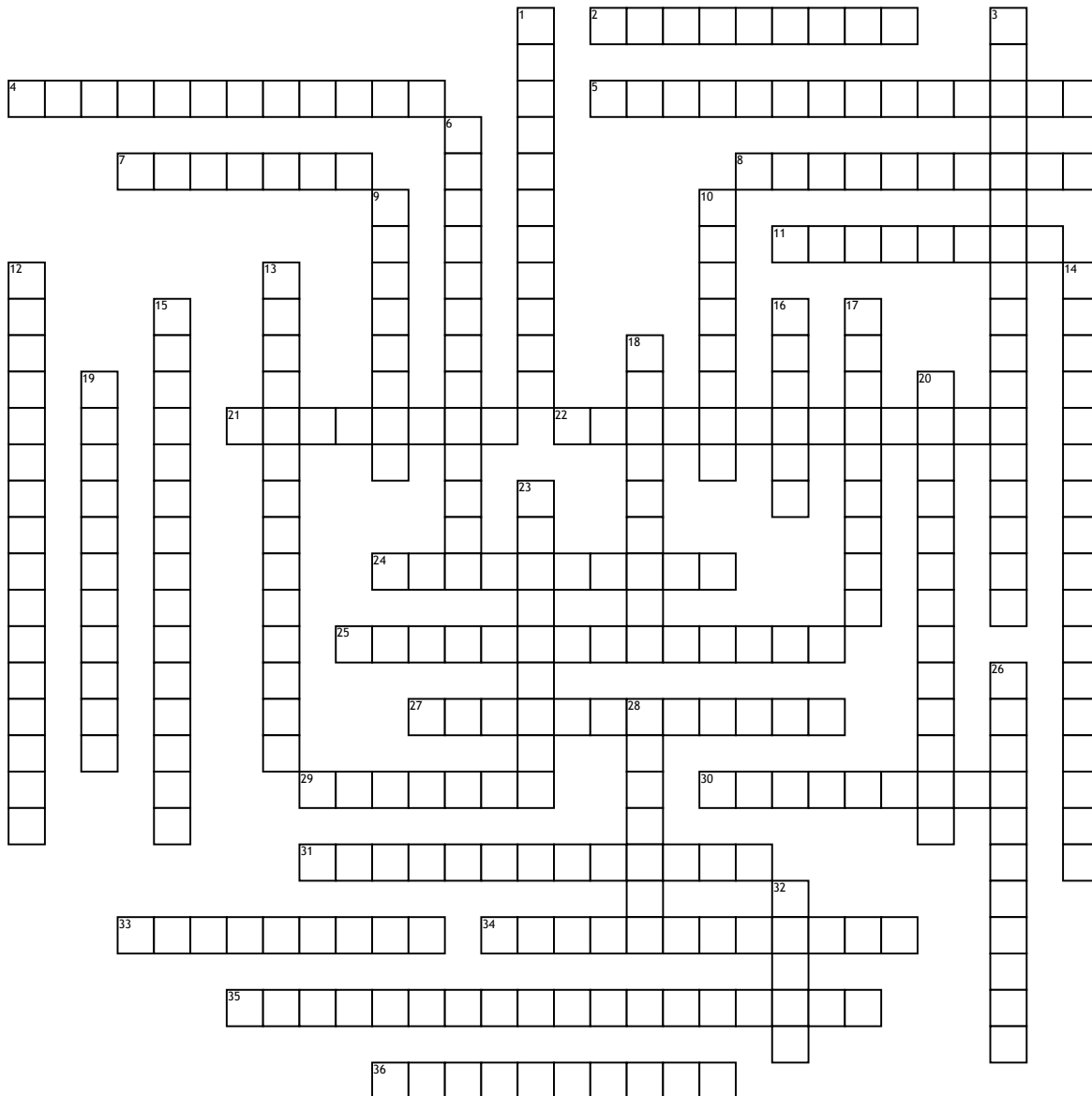


Name: _____

Date: _____

TIC-TAC-TOE



Across

2. female sex hormones
 4. located base of throat, affects weight but not as bad as people believe
 5. prepares body to cope with a brief stressful situation
 7. hormone produced by Islets cells
 8. sympathetic nervous system neurons
 11. abdominal mixed gland
 21. a hormone that regulates metabolism and stress
 22. bean shaped over top of kidneys
 24. produced by adrenal cortex
 25. posterior pituitary develop from a knot of nerve tissue
 27. stimulates testosterone productivity in testes
 29. noncancerous enlargement of thyroid gland
 30. helps control growth and development

31. promote hormonal cells metabolism and helps body resist long term stressors increasing blood glucose levels
 33. male sex hormones
 34. a chemical that inhibits or prevents urine production
 35. produced by outermost adrenal cortex cell layer
 36. lowers levels of calcium and phosphate in the blood and promotes formation of bone

Down

1. regulates calcium ion homeostasis of the blood (hormone)
 3. hormone producing tissue, scattered among enzyme producing tissue in pancreas
 6. produces 3 major groups of steroid hormones
 9. released only during child birth (stimulates contractions)
 10. part of pancreas (acts in digestive system)
 12. most powerful thyroid hormone (body temp, growth, heart rate)

13. posterior pituitary for storage, released into blood
 14. prevents aldosterone release able to reduce blood volume and pressure
 15. mineralocorticoids, glucocorticoids, and sex hormones
 16. found in connective tissue, increases levels of blood in calcium
 17. store sticky colloidal material
 18. adrenocorticoid hormone produced by adrenal gland
 19. tiny masses of glandular tissue (GLAND)
 20. stimulation of aldosterone release
 23. produced by istiets
 26. triggers ovulation of an egg and causes follicle to produce progesterone and some estrogen
 28. the body's major metabolic hormone
 32. enzyme produced by kidneys when blood pressure drops