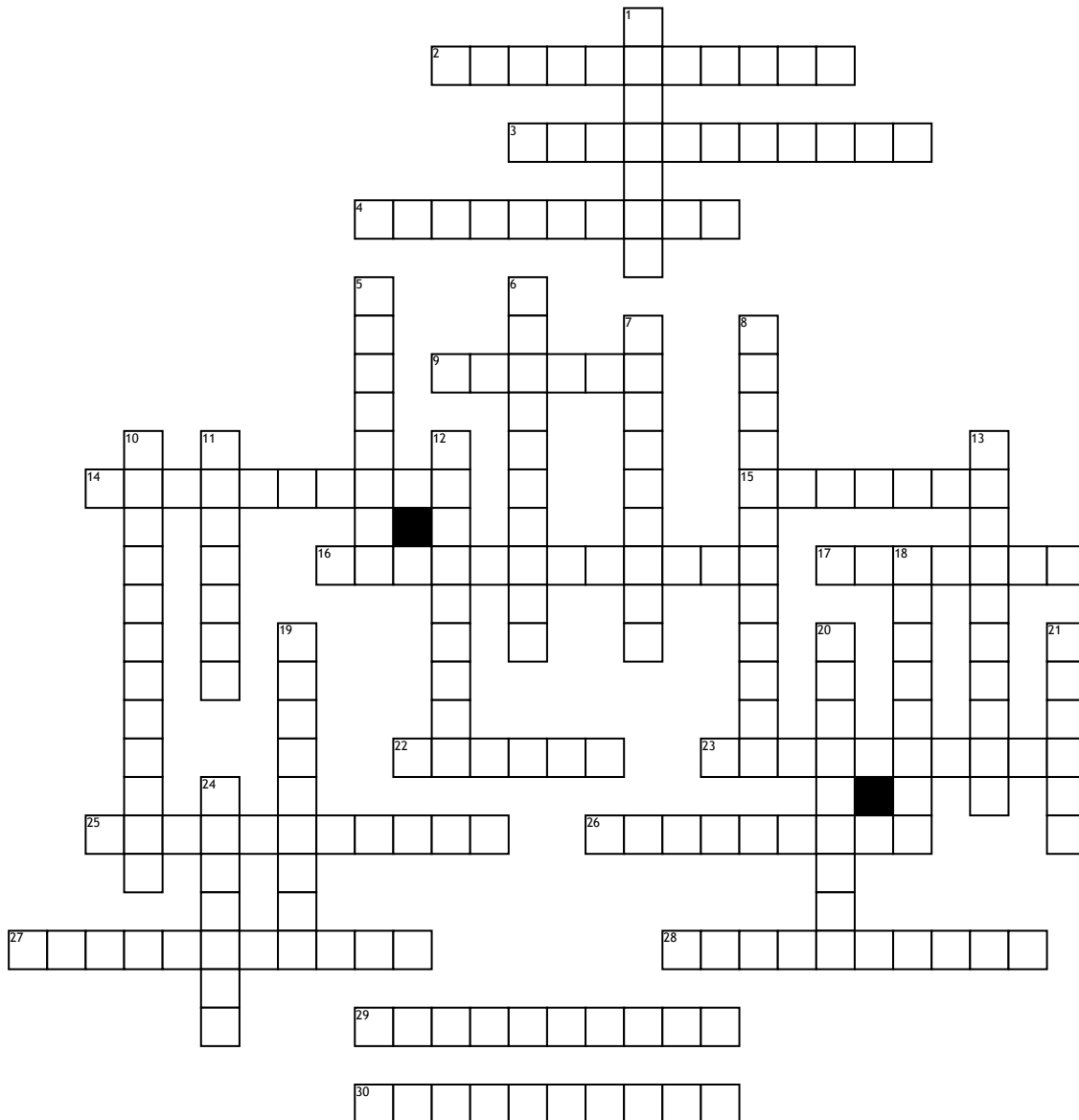


Name: _____

Date: _____

Unit 4 Cellular Growth & Reproduction



Across

2. the second stage division of the cytoplasm
 3. meiosis II results in four haploid
 4. Chromosomes consist of two identical daughter cells
 9. Disorder in which some of the body's own cells lose ability
 14. "in between" period of growth
 15. a region called the centrosome that helps to organize the
 16. the process by which a cell divides into two "daughter" cells.
 17. cell that contain both sets of homologous chromosomes
 22. happens in prophase in meiosis 1
 23. meiosis I results into haploid daughter cells

25. the chromosomes line up in similar was to the metaphase stage
 26. second phase of mitosis
 27. located near the middle of the chromatids
 28. two sets of chromosomes
 29. spindle fibers attach to chromosomes
 30. the sister chromatids separate and more towards opposite ends of cell

Down

1. the first stage division of the cell nucleus
 5. third phase of mitosis
 6. two tiny structures
 7. each chromosome pairs with its correspond homologous chromosome
 8. they exchange portions of their chromatids

10. cells undergo a round of DNA replication
 11. process of reduction division in which the number of chromosomes
 12. series of events in the life of the cell
 13. nuclear membrane forms
 18. first and longest phase of mitosis
 19. forth and final phase of mitosis
 20. the fibers pull the homologous chromosomes
 21. it relates the cell cycle
 24. cells that means "one set"