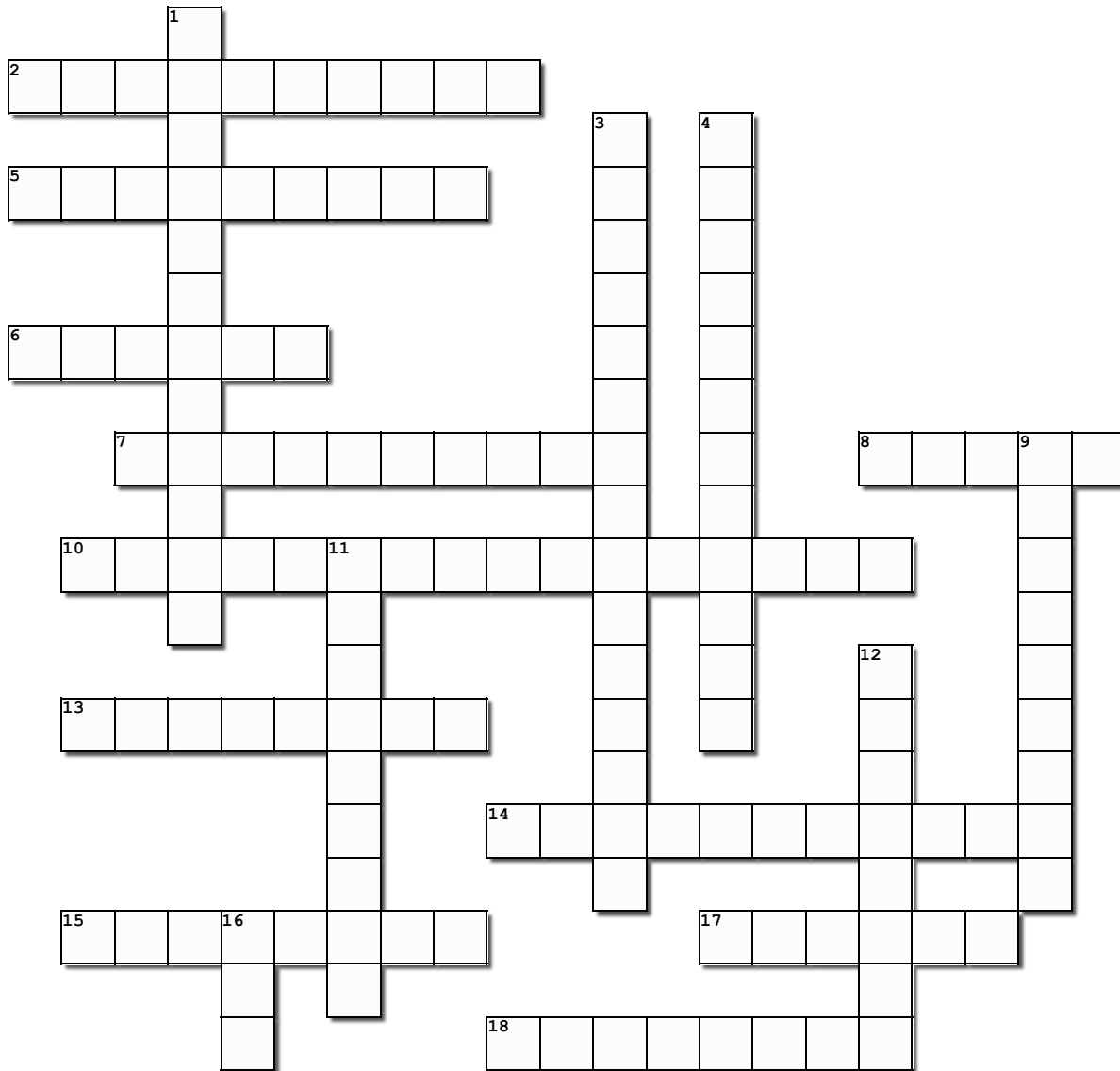


Name: \_\_\_\_\_

# Metabolism Overview

Complete the crossword puzzle below



Created using the Crossword Maker on TheTeachersCorner.net

## Across

- 2. breakdown of large molecules into smaller ones
- 5. synthesis of large molecules from smaller ones
- 6. a biological catalyst
- 7. During which state of glucose catabolism is CO<sub>2</sub> given off as a waste product?
- 8. a solvent, reactant, lubricant
- 10. energy input required to start a chemical reaction
- 13. a chemical substance used to provide the body with energy
- 14. process of gas exchange between and organism and its environment
- 15. organic molecules the body cannot synthesize
- 17. fatty compounds that are soluble in organic solvents, but insoluble in water
- 18. inorganic elements or small molecules which is used as ions

## Down

- 1. a sugar molecule
- 3. What is metabolic rate?
- 4. stimulated by the hormone insulin
- 9. Glands that secrete their products directly into extracellular spaces
- 11. what condition causes pyruvic acid to convert to lactic
- 12. polymers of amino acids linked by peptide bonds
- 16. What is produced in the process of cellular respiration?