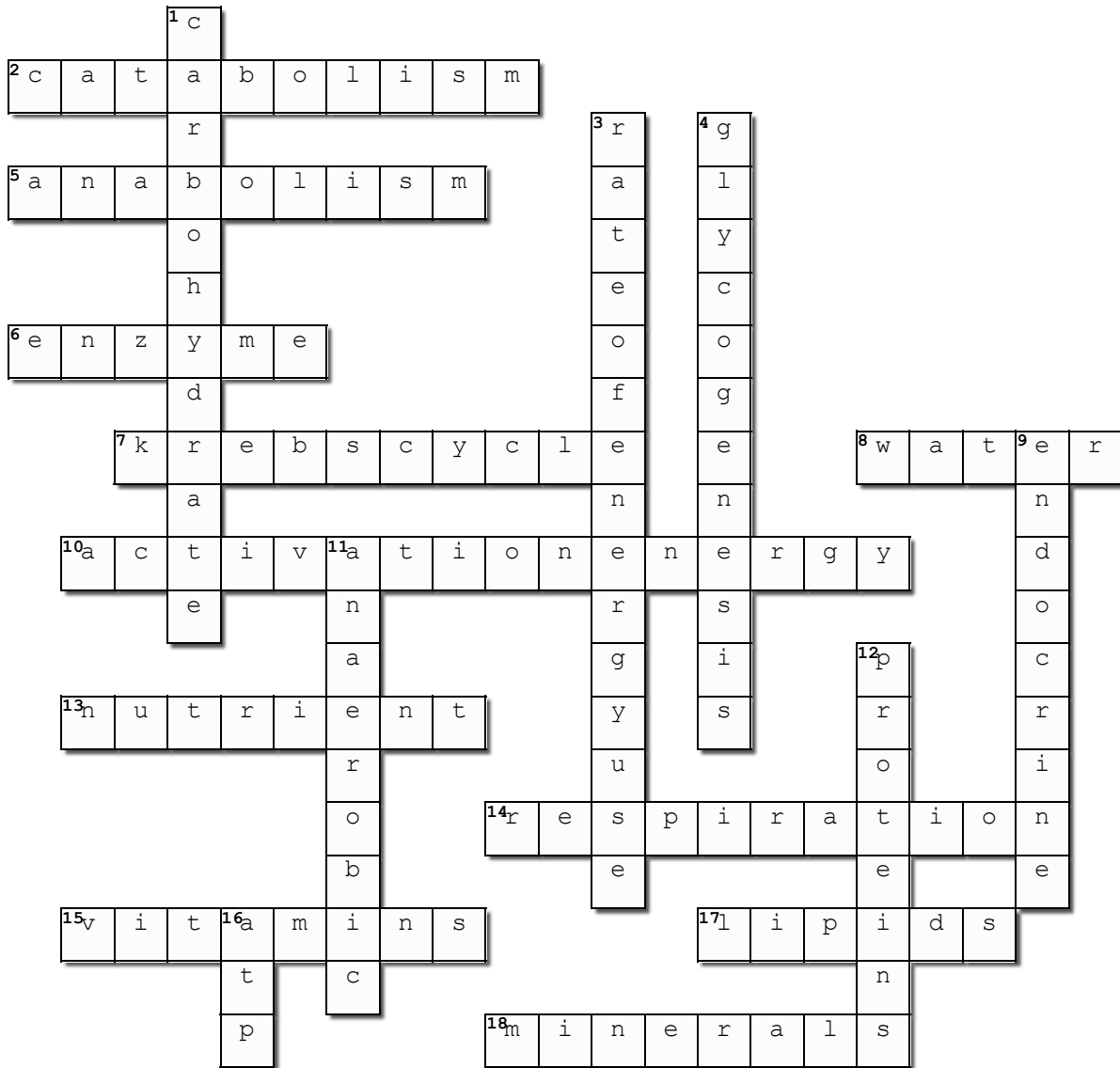


Name: _____

Metabolism Overview

Complete the crossword puzzle below



Created using the Crossword Maker on TheTeachersCorner.net

Across

2. breakdown of large molecules into smaller ones (**catabolism**)
5. synthesis of large molecules from smaller ones (**anabolism**)
6. a biological catalyst (**enzyme**)
7. During which state of glucose catabolism is CO₂ given off as a waste product? (**krebcycle**)
8. a solvent, reactant, lubricant (**water**)
10. energy input required to start a chemical reaction (**activationenergy**)
13. a chemical substance used to provide the body with energy (**nutrient**)
14. process of gas exchange between an organism and its environment (**respiration**)
15. organic molecules the body cannot synthesize (**vitamins**)
17. fatty compounds that are soluble in organic solvents, but insoluble in water (**lipids**)
18. inorganic elements or small molecules which are used as ions (**minerals**)

Down

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