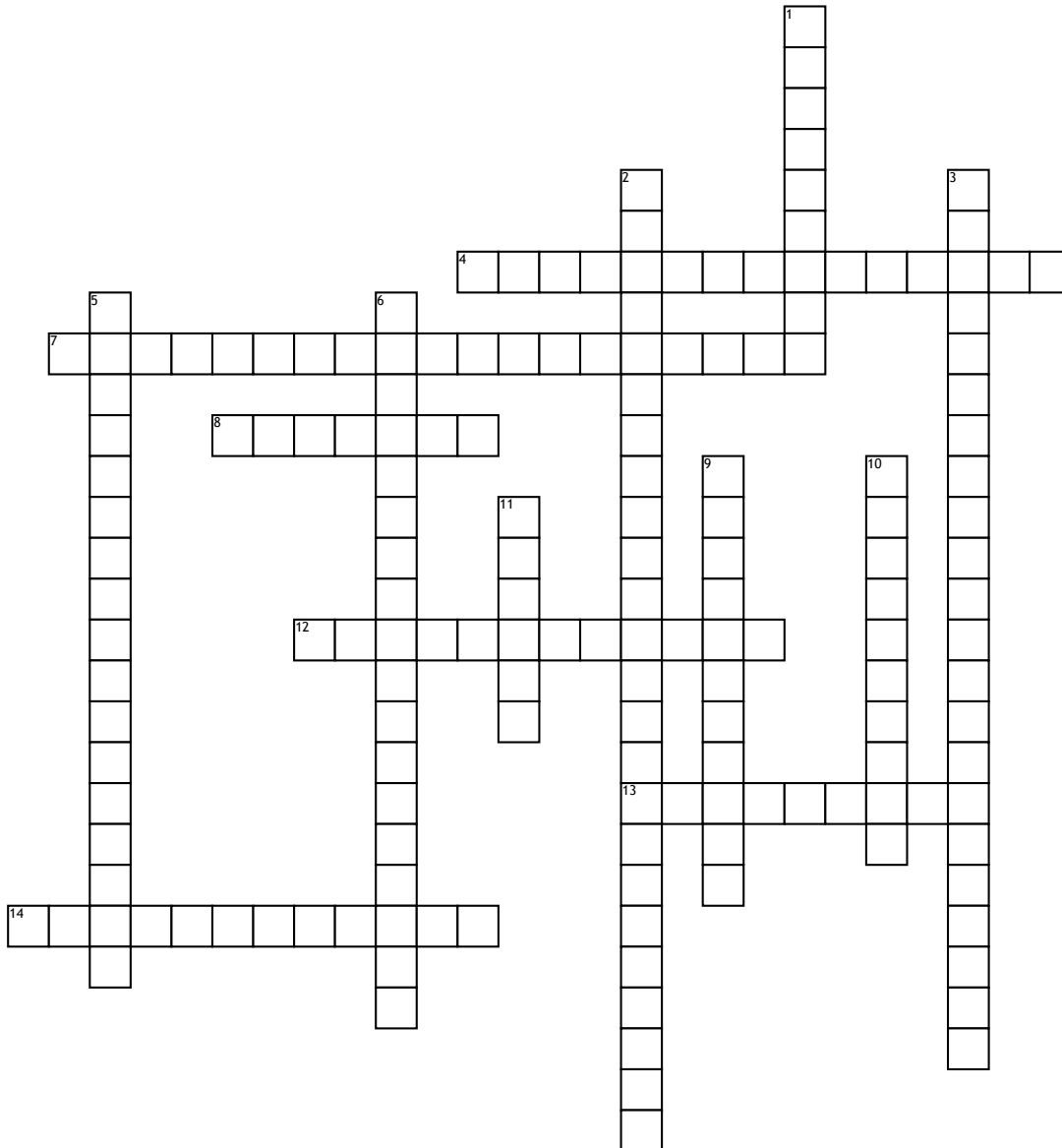


Crossword Puzzle BIO1210: Lecture 7



Across

- 4. A cycle that completes the breakdown of glucose by oxidizing acetyl CoA into CO₂
- 7. Process where pyruvate is converted to ethanol
- 8. The most common organic fuel
- 12. Process where energy stored in a hydrogen ion gradient goes across a membrane to drive cellular work. Ex. ATP synthesis

13. Loss of electrons

- 14. The degradation of sugars without the use of oxygen

Down

- 1. Addition of electrons
- 2. Production of ATP using energy from redox reactions
- 3. Process where pyruvate is converted to lactic acid
- 5. A _____ chain shuttles electrons down a series of redox reactions

- 6. The process that consumes oxygen as a reactant along with organic fuel
- 9. Removal of amino groups
- 10. Reactions that break down glucose
- 11. The phases of glycolysis are energy investment and energy ____