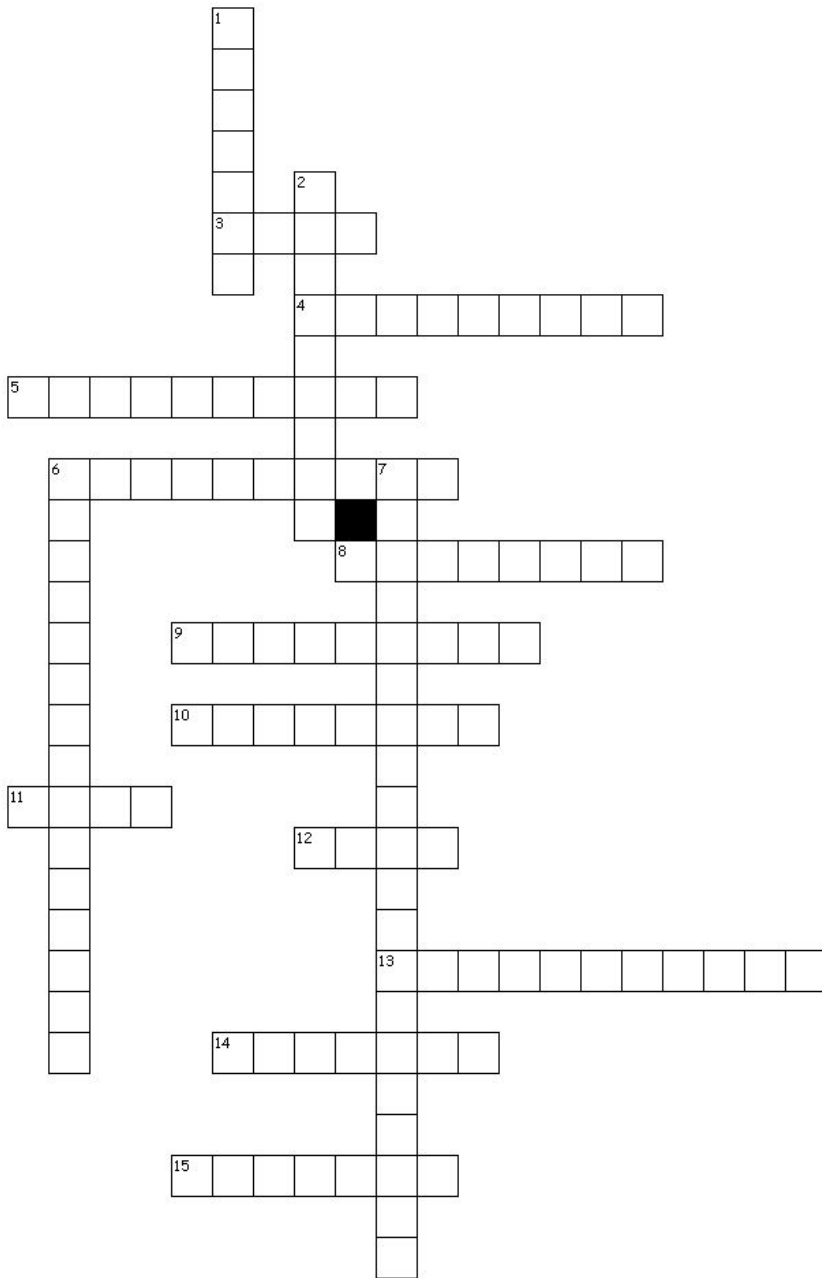


NTI # 7 Biology

NAME: \_\_\_\_\_

Date: \_\_\_\_\_



**Across**

- 3. a compound that releases hydrogen (H<sup>+</sup>) ions when dissolved in water; has a pH less than 7.
- 4. the number of cycles per unit time of a repeating phenomenon.
- 5. a statement that is a proposed explanation of a scientific phenomenon.
- 6. a cancer-causing agent.
- 8. the smallest unit of a chemical compound.
- 9. a close relationship between two organisms that is mutually beneficial.
- 10. an organism that invades another organism (its host) and feeds off the host.
- 11. a compound that releases hydroxide ions (OH<sup>-</sup>) in water; has a pH greater than 7; is sometimes called an alkali.
- 12. the lowest-level structure of any living organism that can perform all of the functions of life, including reproduction.
- 13. the main pigment in plants that captures light energy during photosynthesis.
- 14. a complex molecule composed of amino acids that carries out a variety of processes in cells.
- 15. a quantity of heat energy; the amount needed to raise the temperature of one gram ( 1 g) of water 1 oc. The large Calorie, or "food calorie" is a kilocalorie (1000 calories) .

**Down**

- 1. the part of an ecosystem where a plant or an animal naturally grows or lives.
- 2. the scattering of light; the spreading of a liquid or gas from areas of higher concentration to areas of lower concentration.
- 6. a variable that stays constant in an experiment, allowing the effect of another variable to be measured.
- 7. a sequence of changes in the plant and/or animal life of a region over time.