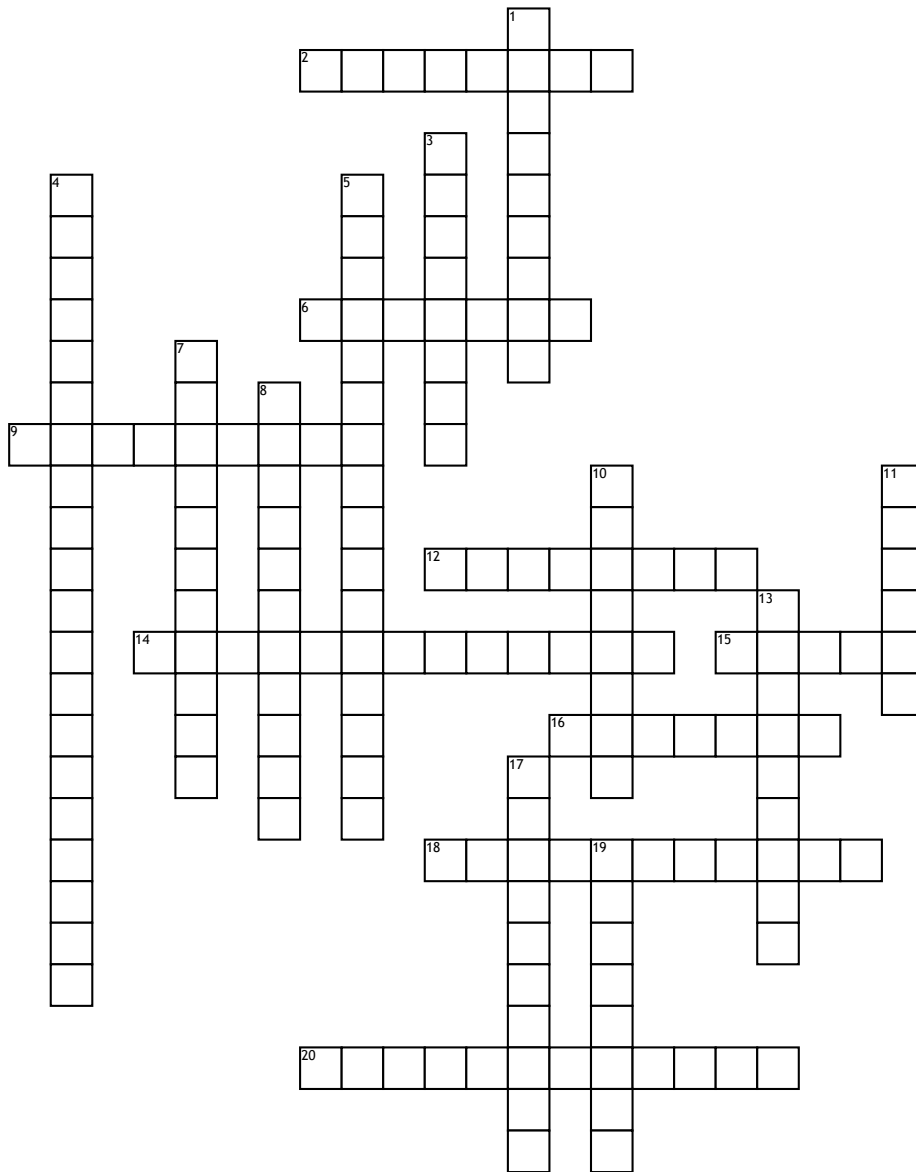


Name: _____

Date: _____

Characteristics of life and Taxonomy/classification



Across

2. A change in an organism's surroundings that causes the organism to react
6. Kingdom of multicellular photosynthetic autotrophs that have cell walls containing cellulose, autotroph
9. Only eats meat
12. a kingdom of unicellular living organisms that are neither animals nor plants; includes some groups of algae, slime molds and protozoa. Both heterotroph & autotroph
14. organisms consisting of many cells
15. Kingdom composed of heterotrophs; many obtain energy and nutrients from dead organic matter
16. Largest and most inclusive group in classification, protista, fungi, plantae, animalia

18. An organism that cannot make its own food.

20. "Father of Taxonomy"; established his classification of living things; famous for animal naming system of binomial nomenclature

Down

1. A branching diagram that shows the evolutionary relationships among a group of organisms
3. Discipline of classifying organisms and assigning each organism a universally accepted name
4. A system for giving each organism a two-word scientific name that consists of the genus name followed by the species name
5. A family tree that shows the evolutionary relationships thought to exist among groups of organisms

7. organisms composed of one cell
8. process by which organisms maintain a relatively stable internal environment
10. A kingdom made up of complex, multicellular organisms that lack cell walls, can usually move around, and quickly respond to their environment. heterotroph
11. A taxonomic category above the kingdom level. The three domains are Archaea, Bacteria, and Eukarya
13. An organism that makes its own food
17. The end of a species existence.
19. an action or change in behavior do to a Stimulus