

Name/Period: \_\_\_\_\_

To Live is to  
Do an X-Word  
Puzzle

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## Across

2. A Chemioautotroph uses energy from \_\_\_\_\_ found in its environment to make carbohydrates.
3. This was the last name of the person who designed the 1<sup>st</sup> experiment to disprove spontaneous generation.
5. This type of organism is "self feeding" & can make it's own carbs.
7. This is the name for any living thing.
8. Your body will sometimes shiver in \_\_\_\_\_ to the stimulus of being cold.
10. This form of Asexual reproduction happens in Hydra when they grow copies of themselves out of their own sides.
13. This was the person who disproved spontaneous generation "once and for all."
17. Francesco & Louis designed and conducted perfectly "\_\_\_\_\_" experiments to disprove spontaneous generation.
20. This is something that happens in the environment that causes you to change your behavior.
24. This is the Genetic Material in a cell.
25. Most of the organisms on Earth depend on the \_\_\_\_\_ for energy.
26. Francesco's experiment disproved the spontaneous generation of \_\_\_\_\_ from rotten meat.
29. Competition is a driving force in \_\_\_\_\_.
30. A \_\_\_\_\_ Factor is something that effects how many organisms can live in a certain area.
32. This chemical is important because it transports good things into the body and takes bad things out of the body.
33. If an organism is made of only one cell it is called \_\_\_\_\_cellular.
34. Chemioautotrophs can be found along vents on the bottom of the \_\_\_\_\_.
36. If you are twelve years old, that is your \_\_\_\_\_.
37. An organism is doing this when it goes through stages.
38. This chemical is used to build cells and tissues in the body.
39. All living things have \_\_\_\_\_ characteristics in common.

## Down

1. Louis's experiment disproved the spontaneous generation of \_\_\_\_\_ in broth.
2. These chemicals are used for energy by organisms.
4. This happens between organisms when they both want the same resource.
6. This type of organism "feeds on others" & must eat things to get its carbs.
9. This is one use of a lipid. It is an energy \_\_\_\_\_ when you don't get enough food.
11. This is one use of a lipid. It \_\_\_\_\_ you from harm when you bump into things.
12. This form of reproduction happens when two organisms share DNA to make an offspring.
14. This is one use of a lipid. It keeps things warm.
15. This is a type of organism that is an autotroph or "self feeding."
16. If an organism is made of more than one cell it is called: \_\_\_\_\_cellular.
18. This means "Same State". It is an organisms ability to keep its insides constant no matter what happens outside.
21. One of the things all organisms need to stay alive is a place to live, or "living \_\_\_\_\_."
22. This chemical is used to build cells and tissues in the body.
23. The scientific theory that life can be formed using "recipes" was known as \_\_\_\_\_ generation.
24. Louis's flask for his experiment were special because they would allow air to pass into the flask, but they would not let \_\_\_\_\_ enter.
25. Water is known as the "Universal \_\_\_\_\_."
27. Complete the sentence: "\_\_\_\_\_ creates Life."
28. All living things share \_\_\_\_\_ common chemicals. (number)
31. An organism is doing this when it gets bigger in size.
35. This is the "basic unit of structure & function in an organism". (Basic Building Block of Living Things)