

● Where Does Life Come From?

Check (✓) the statements that agree with the textbook.

- _____ 1. Life was probably formed from nonliving matter sometime between 4.6 billion and 3.5 billion years ago.
- _____ 2. Spallanzani once wrote a recipe for making mice.
- _____ 3. Louis Pasteur disproved the theory of biogenesis.
- _____ 4. For much of history, people believed that living things came spontaneously from nonliving matter.
- _____ 5. The atmosphere of early Earth was made up of gases like ammonia, hydrogen, methane, and water vapor.
- _____ 6. Life comes from life.
- _____ 7. Francesco Redi proved that maggots come from eggs laid by flies and not from meat.
- _____ 8. Scientists think that the planet Earth is about 4.6 million years old.
- _____ 9. American Stanley Miller proved that Oparin was right.
- _____ 10. Biogenesis is the theory that living things come only from living things.
- _____ 11. In the mid-1800s, Louis Pasteur showed that living things do not come from nonliving material.
- _____ 12. Alexander Oparin believed that life came from other planets.
- _____ 13. Some rocks that are more than 3.5 billion years old contain fossils of once-living organisms.
- _____ 14. Spallanzani destroyed maggots by boiling water.
- _____ 15. Oparin believed that lightning and ultraviolet rays helped early gases combine.

Each illustration represents a theory of where life comes from. Label each with the name of the theory it represents.



16. _____



17. _____