

8. The microscopic forms you found closely resemble Earth's bacteria. What characteristics might these organisms have that helped you determine this?



9. After closely observing the behavior of these forms, you realize that although they are similar to bacteria, their reproductive process is exactly like multicellular organisms found on Earth. Below, identify the two main types of reproduction and explain how each works.

10. You find that the forms are made of cells and have DNA, but do not grow or develop. They are able to reproduce shortly after birth. What might you conclude about them? **EXPLAIN YOUR ANSWER**

11. Do you think these mysterious forms are living things or not? **PROVIDE EVIDENCE FOR YOUR ANSWER.**

12. Name **THREE** things on earth that use energy and respond to change, but are nonliving. Explain!