

Name _____


Origins: How Life Began

1. If we could go back in time and see the early Earth, would we even recognize it? _____
2. How was our moon created? _____

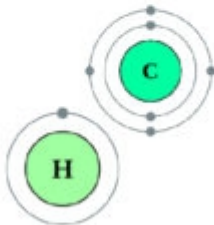
3. Does the "Recipe for Life" work? _____
4. Can life emerge from nonliving ingredients? _____ How can we prove this? _____

5. Describe the colors of the early Earth. _____

6. What is the "heavy bombardment" Neil deGrasse Tyson speaks of? _____

7. What does hydrogen sulfide smell like? _____
8. Inside the deadly environment of the cave, what type of life is thriving in the poisonous environment? _____
9. What molecule allows bacteria to multiply? _____ 
10. What effect does the hydrogen sulfide have on the bacteria colonies? _____

11. Neil deGrasse Tyson explains that all life is made from some of the most common elements in the universe. Give the chemical symbols for these building blocks of life:



- Hydrogen: _____
- Oxygen: _____
- Carbon: _____
- Nitrogen: _____



(over)