

## Cell: The Basic Unit of Life

*Directions:* Read pages 27-30 in the DOL Resources book and write complete sentence answers on this sheet.

1. How long has there been life on Earth?
2. How long has there been an Earth?
3. What is the difference between the simplest organisms and complex ones?
4. What does “replicate” mean?
5. What do scientists think was the first cell membrane?
6. What are two names for the most numerous living organisms?
7. Write two facts about prokaryotic cells.
8. Name three aquatic environments mentioned in the article.
9. What do some of the organelles in a cell do? Give examples.
10. Why do they say “Water equals life.”?

11. Giant kelp are examples of what kind of organism?

12. Which organisms are eukaryotic?

13. What was the secret to leaving the sea for organisms?

14. What structure in plant cells allowed them to live on land?

15. Why can we say that all life is aquatic?

16. What is the function of blood in our body?