

# AP Biology 010 – Abiogenesis

## Video Review Sheet

[www.bozemanscience.com/010-abiogenesis](http://www.bozemanscience.com/010-abiogenesis)

1. Spontaneous Generation: inanimate objects creating \_\_\_\_\_ objects
2. To get from no life to life, there had to be several steps. List the steps: monomers →
3. What was different about the primitive earth's atmosphere?
4. Where are the two places that life is hypothesized to have started?
5. What are the two sequences hypothesized for life?
6. Miller/Urey experiment: in the lab, get rid of \_\_\_\_\_ and try to simulate what the:
7. Put in chemicals that they thought were on the early and added electricity. The electricity was like
8. They found that you could go from simple chemicals/chemistry to \_\_\_\_\_ which could eventually become \_\_\_\_\_
9. The amino acids they found were old, meaning: they show up in \_\_\_\_\_, which has genes that code for those amino acids.
10. Going from monomers to polymers: amino acids to \_\_\_\_\_. The process was probably shielded from space otherwise they would break down.
11. What came first? Genes or Metabolism, the answer is probably:
12. The first fossils (life forms) we have are: \_\_\_\_\_, which are like bacterial mats.  
A layer of \_\_\_\_\_ then a layer of sediment, this repeats creating the height.
13. How old are the first organisms hypothesized to be?

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