Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Miller Urey Experiment #2

[Hold CTRL and click here for intro and first animation](http://bcs.whfreeman.com/thelifewire/content/chp03/0301s.swf)

[Extra Animation](http://glencoe.mcgraw-hill.com/sites/9834092339/student_view0/chapter26/animation_-_miller-urey_experiment.html)

Introduction

1. What are the two possible ways that life may have originated on Earth?
2. Stanley Miller and Harold Urey created an apparatus to mimic the conditions of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

Animation

1. Draw and label the apparatus. Explain what each piece is for. It will show up one piece at a time.
2. Briefly explain what was done in the experiment.
3. What was present in the resulting artificial “rain”? How does this suggest that life could have arisen from the gasses in the primitive atmosphere?

Conclusion

1. What new ideas have been presented since Miller and Urey’s original experiment? Do they strengthen or weaken their results?

Quiz

Write your answers to the quiz questions below.