

## CHAPTER 4: Nucleic Acids and Chemical Evolution

1. What are the building blocks of nucleic acids? \_\_\_\_\_

2. Briefly describe the main function of DNA in the cell.

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3. List and describe three other roles of nucleotides:

a. \_\_\_\_\_

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b. \_\_\_\_\_

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c. \_\_\_\_\_

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4. What was the Miller/Urey experiment and what was its significance?

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5. Why is RNA considered most probably the first biological catalyst?

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