

Print Name _____ Period _____ Date _____

Unit 4 Worksheet 4 DNA and RNA

DNA

1. Give the complementary base sequence of the following DNA strand.

Original strand: T T A C G G T C A C C A A G C G T G

2. List three characteristics of the DNA molecule.

3. List three characteristics of the RNA molecule.

4. What is the purpose of DNA in an organism's body?

5. List the steps of DNA replication.

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|----|
| a. |
| b. |
| c. |
| d. |

6. Explain how a single DNA molecule produces two identical molecules?

7. What are the DNA base pairing rules?

8. What are the main forms of RNA?
