

Biology Quiz

Ms. Bokas/Mr. Winkler

Name: _____

Date: _____

Answer the following questions:

1. In the cell, the process of DNA replication occurs in the:
a.) cytoplasm b.) lysozome c.) nucleus d.) plasma membrane
2. In the cell, the process of Translation occurs in the:
a.) cytoplasm b.) lysozome c.) nucleus d.) plasma membrane
3. In the cell, the process of Transcription occurs in the:
a.) cytoplasm b.) lysozome c.) nucleus d.) plasma membrane
4. Write the one-letter abbreviations for the 4 bases of DNA: _____
5. Write the one-letter abbreviations for the 4 bases of RNA: _____
6. Name two differences between DNA and RNA:

Difference 1: _____

Difference 2: _____
7. What is the specific name of the RNA that is made during the process of Transcription: _____
8. The bases of DNA pair together in a specific way. Of the four bases of DNA, which ones pair together? (You can use the one-letter abbreviations if you want)

9. The bases of RNA also pair together in a specific way. Of the four bases of RNA, which ones pair together? (You can use the one-letter abbreviations if you want)

