

Name _____
Block 1 2 3 5

Transcription

Transcription

Part 1: DNA Replication Review

Directions: Answer the questions below.

1. What is DNA replication?
2. Where does DNA replication occur?
3. What is the 1st step in DNA replication?
4. In DNA Replication, Adenine pairs with _____ and Guanine pairs with _____.
5. Complete the strand to do DNA Replication below:

ATGCATTGACGGTACCGATAACATCAT

Complementary strand:

6. Justify why DNA replication important?

Part 2: RNA vs. DNA

Directions: Answer the questions below.

1. What is RNA?
2. What do the letters RNA stand for?
3. Compare and contrast RNA and DNA in three different ways:
4. What processes use DNA?
5. What processes use RNA?
6. What are the 3 kinds of RNA?
7. Fill in the chart below:

Part 3: Transcription

1. What is transcription?
2. Where does transcription occur?
3. What bases are involved in transcription?