Name	Date	Period

Target Practice, Unit 6 Test, Topic #2 – DNA Replication

- 1. Describe what the term Semi-conservative replication means. Include a colored picture with your written description
- 2. If a strand of DNA has the base sequence TATCGCGTT, what would its complimentary DNA strand be?
- 3. When and where in the cell does DNA replication occur?
- 4. Identify the purpose of each of the following enzymes important for DNA replication:
 - a. Helicase
 - b. DNA Polymerase
 - c. Ligase

5. Explain the difference between the leading strand and the lagging strand. Why are these two strands different?