

DNA Replication Handout

As you work your way through the DNA replication interactive animation, answer the following questions to help you collect the relevant information.

1. Describe the roles that the following enzymes play in DNA replication.

I. Helicase

II. RNA primase

III. DNA polymerase

IV. RNA primase

V. Exonuclease

VI. Ligase

2. Explain why the process of DNA replication is slower on the lagging strand than on the leading strand.