AP Biology DNA Transcription/Translation Worksheet 11-11-09

**TRANSCRIPTION**

**go to biology .com
**click on biology place
**close on biocoach
**click on DNA replication
**click on concept 5
**click the review button

1. Explain what a replication fork is and how it is formed and use a diagram in your answer.
2. Explain what is meant by anti-parallel
3. Which direction does DNA polymerase work? Is this a problem? Explain

**click step one

4. Which of the replication forks gets synthesized first?
5. What is the function of primase in this process?
6. What does DNA polymerase do once this primase leaves?
7. What is this new DNA strand called? Why?

**click step two

8. Explain what happens next to the top strand of the replication fork.
9. What happens when the primase leaves this strand?

hat makes up the "steps" of a DNA

makes up the sides of a DNA molecule? W
molecule?

ning the structure of DNA?

7. How did Rosalind Franklin contribute to determi

ner? Are they strong or weak bonds?

8. What type of bonds holds the DNA bases toget

f a DNA molecule?

9. How many base pairs are in a full turn or twist o