**Watson and Crick Nature Article**

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Read the historic Nature article in which Watson and Crick describe their model of DNA. Annotate the article, then analyze and discuss the following:

1. Describe the structure of DNA monomers by using citations from the article. How

is the structure arranged, that is, which of the “parts” are on the outside? Which

ones are on the inside of the molecule? Cite the article.

2. How did Linus Pauling’s model differ from Watson and Crick’s model for DNA?

Explain. Cite the article.

3. What type of bond holds the bases together? Cite the article. From what we have

talked about this year regarding this bond, how might this bond affect the overall

stability of the DNA molecule?

4.In the eighth paragraph, a very important observation is made about base pairing.

What is the significance of how bases pair up?

Over->

5. Reread the last half of the article. Based on what Watson and Crick say, try to

hypothesize what their “possible copying mechanism” might be. Use clues from

the article in your explanation.