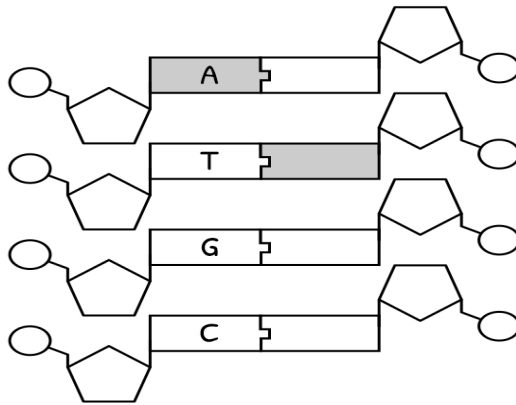


Name _____ Date _____

DNA STRUCTURE, REPLICATION, & PROTEIN SYNTHESIS

1. Write out the complete name for DNA _____ on the diagram!

- Label the 3' and 5' ends.
- Circle a nucleotide
- Label the sugar and phosphate
- Label the bases that are not already labeled



2. In a strand of DNA, the percentage of thymine is 30%. What is the percentage of cytosine?

_____ Adenine? _____, and Thymine?

_____.

3. The purines are _____ and _____; the pyrimidines are

_____ and _____.

4. The two sides of the DNA helix are held together by _____.

5. The term used to describe how the two strands of DNA are oriented is _____.