

DNA questions:

<http://www.pbs.org/wgbh/aso/tryit/dna/>

Please go to the website and answer the following questions are from the website above.

I. DNA activity: DNA replication.

1. What is DNA replication? _____
2. What is protein synthesis? _____
3. Nucleic acids were discovered in _____.
4. The model of DNA was developed by

5. DNA is composed of
_____, _____, _____.
6. List the pairings of the nucleotide bases: _____ with _____,
_____ with _____
7. Do the workshop by matching pairs and draw below what you did to replicate the DNA.

II. DNA activity: Protein Synthesis

1. What is DNA's main purpose? _____
2. Proteins can be _____ which have special jobs.
3. Genes control the _____ of the entire organism.
4. The purpose of protein synthesis is to create a _____ made of a chain of _____.
5. Hair contains a protein called _____.
6. Draw what you did for transcription below.