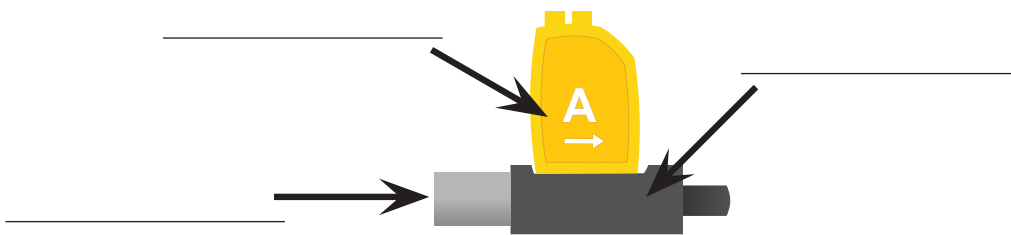


Answer the questions using DNA/RNA Booklet 1: Introduction to Structure and Function (pages 3-13).

1. What are the subunits of DNA called? _____
 They are small molecules.

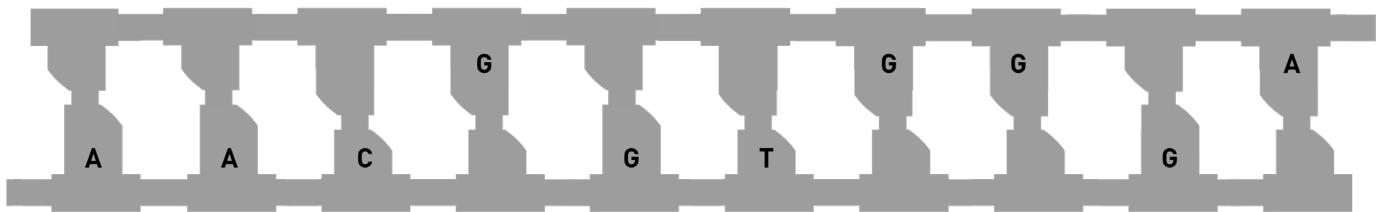
2. Where are these subunits found in the cell? _____

3. Here is a model of a nucleotide. Label the 3 parts of the molecule.



4. The letter A on the nucleotide above is an abbreviation for its chemical name. Write out the 4 chemical names for the DNA bases.

5. Write in the correct letters to complete the DNA base pairs below. How many individual nucleotides are represented in this diagram? _____



6. If the DNA shown above is replicated, will the 2 DNA molecules be identical? Describe how DNA replication works.

