

MIT DNA/RNA Set Class Notes

Name _____

Date _____

Class _____

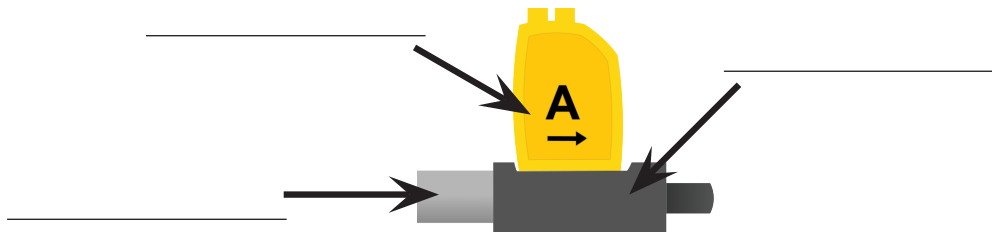
To be completed in class using DNA/RNA Booklet 1 (pages 3-13).

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.

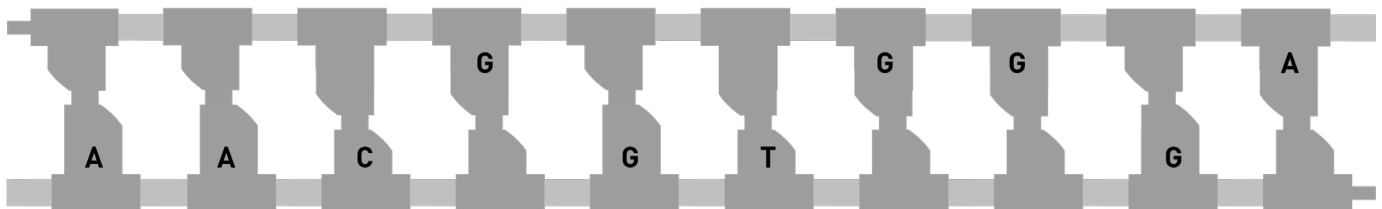


4. The letter A on the nucleotide above is an abbreviation for its chemical name.

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 total nucleotides are represented in this diagram? _____



6. If the DNA shown above is replicated, will the 2 DNA molecules be identical? Circle YES or NO

7. Describe how DNA replication works.
