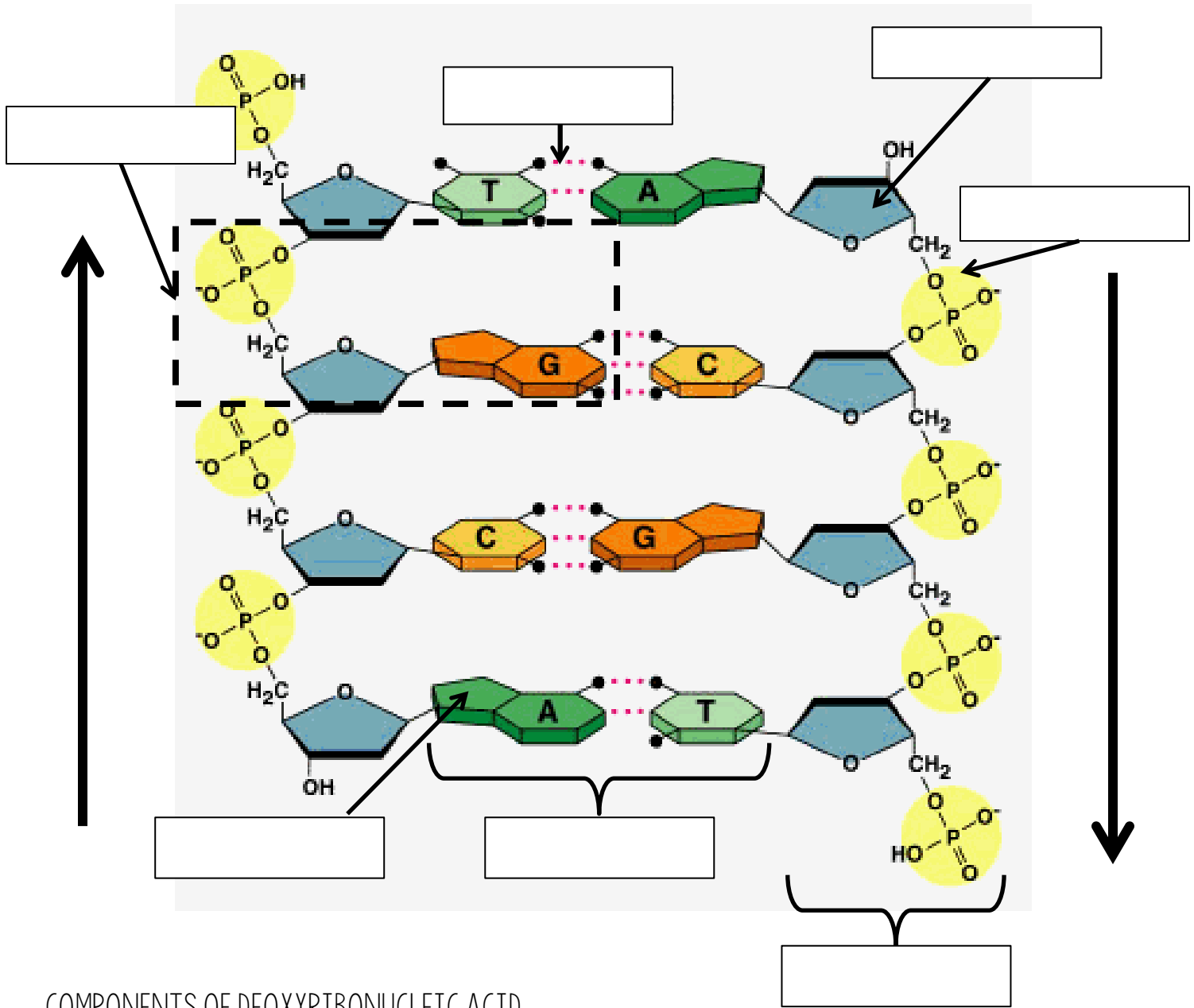


Name: _____ Period: _____

4.1 STRUCTURE OF DNA: THE DOUBLE HELIX



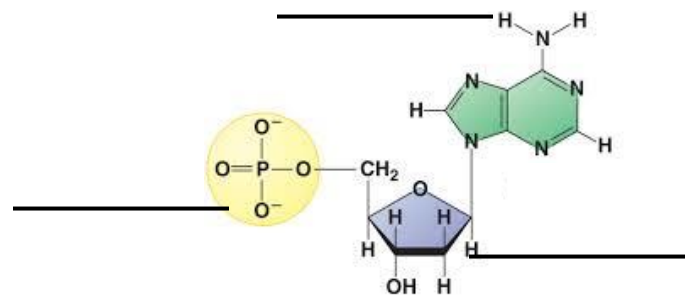
COMPONENTS OF DEOXYRIBONUCLEIC ACID

Nucleotides

Phosphate

Deoxyribose Sugar

Nitrogen Base



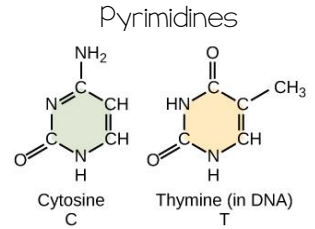
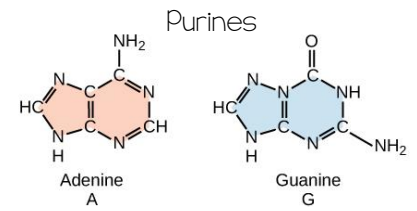
Two Types of Nitrogen Bases

Purines:

-
-

Pyrimidines:

-
-



Backbone

DOUBLE HELIX

Chargraff's Rule: Base pairing

Holding the Ladder Together

DIRECTIONALITY

FUNCTION OF DNA

