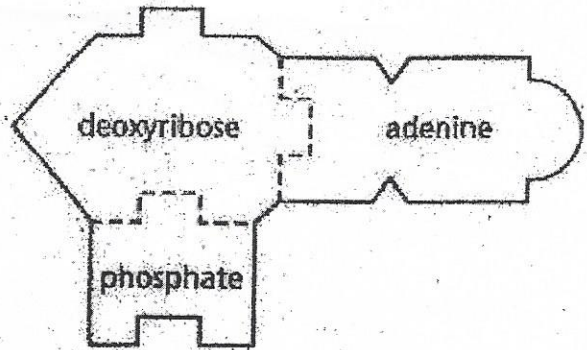
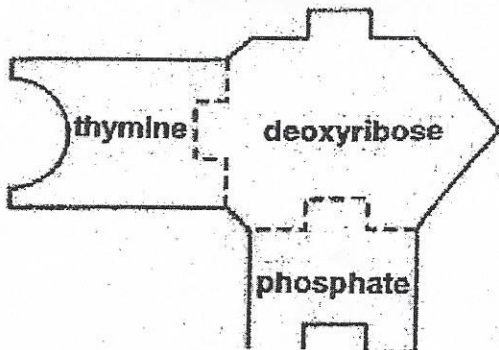
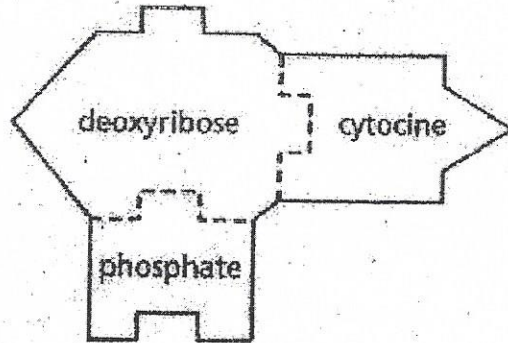
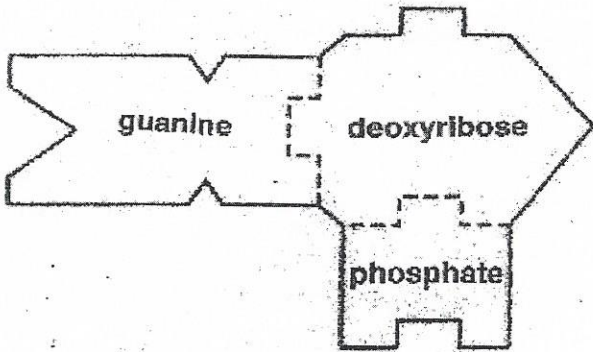
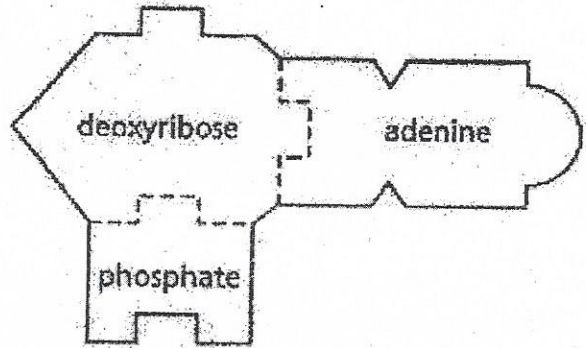
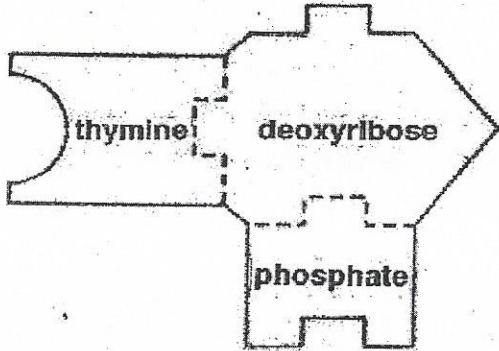
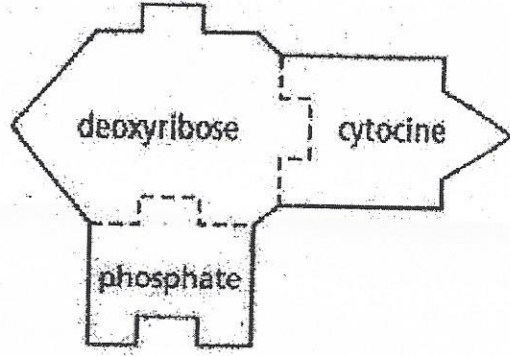
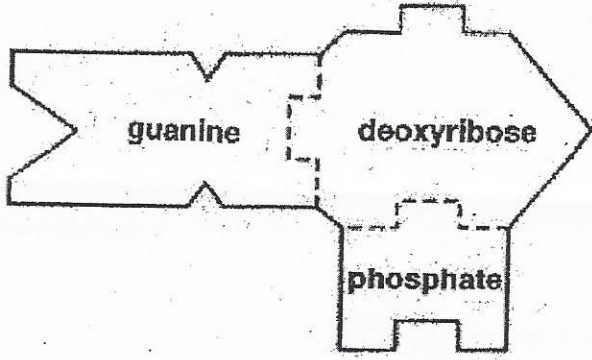
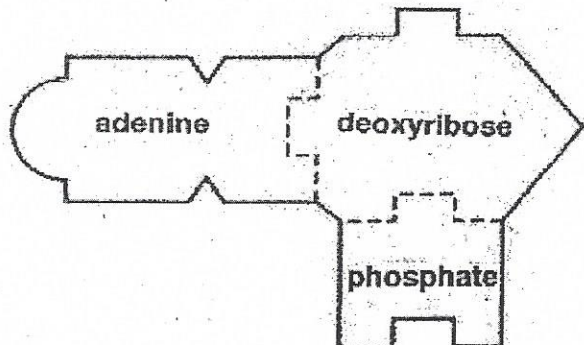
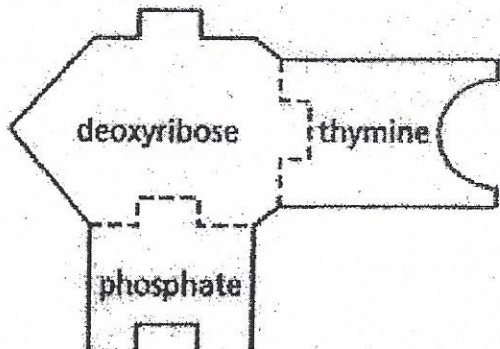
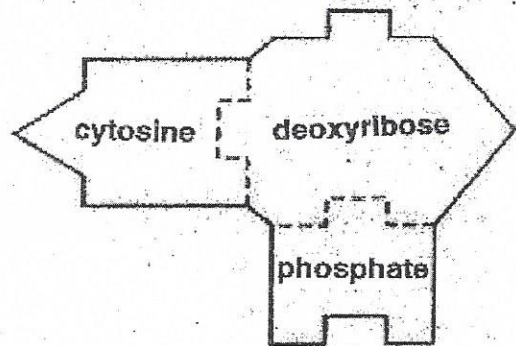
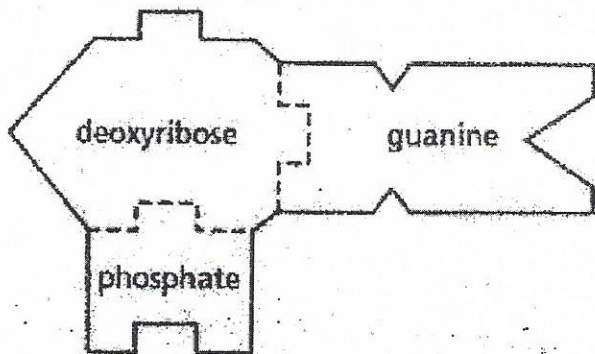
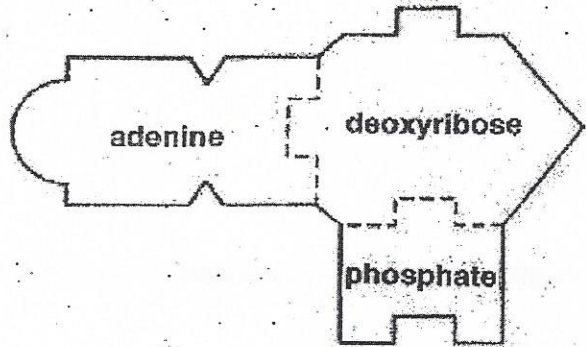
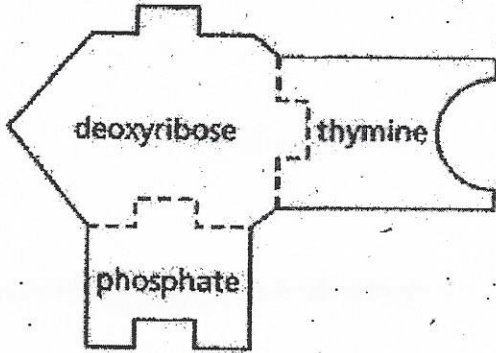
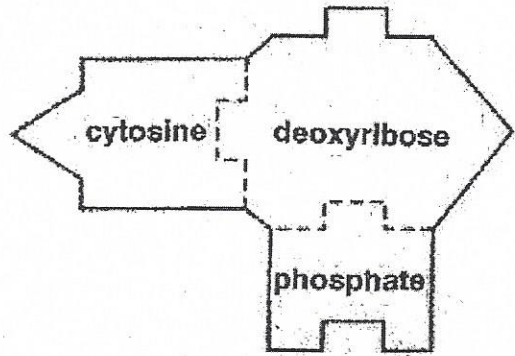
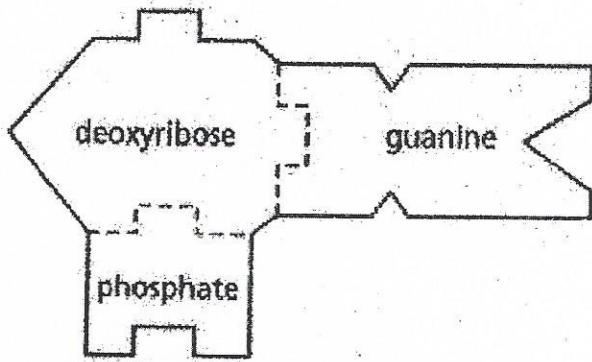


Forensics
Ms Dawkins

DNA/RNA Templates





Name _____ Period: _____

DNA Base Pairing Worksheet

There are base pairing rules for writing complimentary DNA strands for a given strand.

A pairs with T

C pairs with G

In RNA, A pairs with U, instead of T.

Write the complimentary DNA strand for each given strand of DNA.

1. CGTAAGCGCTAATTA

2. TCTTAAATGATCGATC

3. AATGAATAGCTAGCTT

4. GGCATTTCGCGATCATG

5. CGTTAGCATGCTTCAT

6. ACTAACGGTAGCTAGC

Now write the mRNA strand for the given DNA strand.

~~7. ATGTCGCTGATACTGT~~

~~8. GAAGCGATCAGTTACG~~

~~9. AATGAATAGCTAGCTT~~

10. GGCATTTCGCGATCATG

11. CGTTAGCATGCTTCAT

12. ACTAACGGTAGCTAGC

Cytosine - Red

Guanine - Green

Adenine - Orange

Thymine - Blue

deoxyribose - Black

Phosphate - Purple