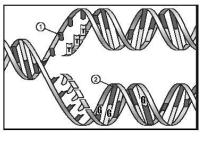
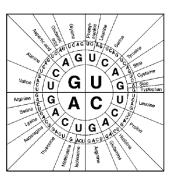
	Review for DN	A/RNA	Test: (Char	oters 1	2 and 13
		on Quiz,	Notes, 2	Activ	ities, ar	nd Homework over D
1. This is the stru	acture of what?					
		X CO GO				
2. Name the three	main parts of a nucleo	otide found	in DNA	.?		
of n						
r	nolecules. gaff's rule, in the diagr					nine bases in chicken DN
4. Based on Charg	molecules. gaff's rule, in the diagr	am below,	the perce	entago		
4. Based on Charg	gaff's rule, in the diagr	am below,	the perco	entago		
4. Based on Charg	molecules. gaff's rule, in the diagr	am below,	the perco	entago	es of gua	
4. Based on Charg	gaff's rule, in the diagr	am below,	the perco	entago	es of gua	
4. Based on Charg should be around	gaff's rule, in the diagr	am below, Nitrogenous A 1 28.8	Bases (% G 19.9 2	entago T 29.4	C 21.5	
4. Based on Chargshould be around 5. What did Rosal	Human Chicken Bacterium (S. lutea)	A 1 28.8 13.4 e to the und	the percentage (%) G 19.9 2	T 29.4	C 21.5	nine bases in chicken DN
4. Based on Charg should be around 5. What did Rosal 6. What scientists	Human Chicken Bacterium (S. lutea)	am below, Nitrogenous A 1 28.8 13.4 e to the under-helix" shape	Bases (% G 9.9 2 derstandinape of E	ontago	C 21.5	nine bases in chicken DN
4. Based on Chargshould be around 5. What did Rosal 6. What scientists 7	Human Chicken Bacterium (S. lutea)	am below, Nitrogenous A 1 28.8 13.4 e to the under the the lix shape and the l	the percentage of Eastern dense de	T 29.4	C 21.5	nine bases in chicken DN
4. Based on Chars should be around	Human Chicken Bacterium (S. lutea) lind Franklin contribute figured out the "double orms a base pair with the ck discovered the two seconds.	am below, Nitrogenous A 28.8 13.4 e to the und e-helix" sh hymine and strand in D	Bases (%) G 19.9 2 derstandinape of D MA run I	ing of	C 21.5	nine bases in chicken DN

11. What enzyme works to add DNA to ends of chromosomes in rapidly dividing cells such as those found in an embryo, to prevent genes from being lost during replication?
12. In the diagram below, what nucleotide is going to be added at point "2"? What nucleotide is going to be added at point "1"?





25. In the diagram below, which amino acid is specified by the mRNA code CCC? _____.

Codons Found in Messenger RNA
Second Base

C A G Cys Cys Stop Trp D 0 4 6 D 0 4 6 D 0 4 6 Ser Ser Phe Leu Stop Stop Arg Arg Arg Leu His Leu Leu Pro Ha First Base Pio Gin Arg Sor Sor Arg Arg Gin Leu Thr Thr Thr Aon Lys Lys Met Gly Gly Gly Asp Asp Vai Val Ala. Val Val Ala. Glu Glu

26. Which code in the diagram above specifies the same a	mino acid as UAU?					
27. What happens during translation?						
28. During translation, the type of amino acid added to the growing polypeptide depends on the						
on the mRNA and the on the tRNA.						
29. What is a promoter?						
30. A protein is being assembled when RNA is being						
31. The correct sequence of the transfer of information in to	most organisms is from to					
32. What happens during "gene expression?"						
33. In eukaryotes, transcription takes place in thethe	and translation takes place in					
34. What is a "point mutation?"						
35. What is a "chromosomal mutation?"						
36. Name the types of "chromosomal mutations."						
37. Most mutations have effect on an organism	1					