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1. TAA GCU AUC AAA GCU CUG
2. A. Cytosine, Guanine
B. double Rings
3. CUA UGG AUA GUU CGC AUC GGU
4. Messenger RNA (mRNA) - carries genetic information to the ribosome
Ribosomal RNA (rRNA) - makes the ribosomes
Transfer RNA (tRNA) - transfers amino acids to the ribosomes where proteins are made.
5. A. DNA $\rightarrow$ RNA
B. DNA $\rightarrow$ RNA $\rightarrow$ Protein
6. AAA UUU GUG CGC AUC GGC UCU
7. ATG TTT GTG GGC ATC GGC TCT
8. GCT CAG TGT CAC GGG TTC
9. A. Watson and Crick
B. Polypeptide
C. mRNA has a code (codon) for tRNA
10. A. nucleotides
B. 3
C. deoxyribose (sugar) Phosphate group, Nitrogen bases
11. TTT GTC ACH GAA CCG TAT
12. A. double helix
B. Phosphate and deoxyribose
13. A. Nucleus - DNA makes DNA
B. Nucleus
14. A. adenine - A guanine - G
B. Purines double rings, PYRIMIDINES single rings