

Name: KEY Class: Real Date: _____

ID: A

Central Dogma Vocab Quiz

Matching

- | | |
|--------------------|----------------------|
| a. Nucleic Acid | n. Transcription |
| b. Nucleotide | o. Translation |
| c. DNA | p. Protein Synthesis |
| d. RNA | q. Ribosome |
| e. Double Helix | r. mRNA |
| f. Deoxyribose | s. tRNA |
| g. Ribose | t. rRNA |
| h. Adenine | u. Mutation |
| i. Guanine | v. Deletion |
| j. Cytosine | w. Substitution |
| k. Thymine | x. Insertion |
| l. Uracil | y. Inversion |
| m. DNA Replication | |

- | | |
|----------|--|
| <u>I</u> | 1. Nitrogen base that bonds with Cytosine in DNA |
| <u>T</u> | 2. Type of RNA that makes up ribosomes |
| <u>U</u> | 3. A change in DNA |
| <u>C</u> | 4. Deoxyribonucleic Acid |
| <u>J</u> | 5. Nitrogen base that bonds to Guanine in DNA |
| <u>V</u> | 6. Removal of one or more nitrogen bases, ex: TAT becomes TA |
| <u>O</u> | 7. mRNA to protein, occurs in the cytoplasm at the ribosome |
| <u>P</u> | 8. Process of making proteins |
| <u>A</u> | 9. Macromolecule that contains your genetic information |
| <u>K</u> | 10. Nitrogen base that bonds with Adenine in DNA |
| <u>R</u> | 11. Type of RNA that contains codons, it has the instructions for making RNA |
| <u>S</u> | 12. Type of RNA that brings in the amino acids |
| <u>L</u> | 13. Nitrogen base that replaces thymine in RNA |
| <u>B</u> | 14. Monomer of nucleic acids, composed of sugar, phosphate and nitrogen base |
| <u>Q</u> | 15. Location of protein synthesis |
| <u>M</u> | 16. Process of making copies of DNA |
| <u>D</u> | 17. Ribonucleic Acid |
| <u>N</u> | 18. Changing one or more nitrogen bases for another nitrogen base, ex: ATT becomes AGG |

Name: _____

ID: A

- H 19. Nitrogen base that bonds to Thymine in DNA
- X 20. Change that adds one or more nitrogen bases, ex: AGG becomes AGTG
- F 21. Sugar in DNA
- N 22. Process of making RNA from DNA
- E 23. Shape of DNA
- Y 24. Change that switches nitrogen bases, ex: CAT becomes TAC
- G 25. Sugar in RNA