Name: _____ Date: _____

words and junk like that

1. Type of nucleic acid; double helix; stays in nucleus; has genetic code for making protein.

2. Type of nucleic acid; single strand; carries code from DNA in nucleus out to ribosome.

3. Type of nucleic acid; makes the ribosome.

4. Type of nucleic acid; grabs amino acids out in cytoplasm and takes them to the ribosome.

5. Location of DNA and where mRNA is made.

6. General lcoation where protein synthensis takes place.

7. Specific organelle where protein synthensis takes place; made of rRNA.

8. Macromolecule made from code of DNA by joining amino acids together at the ribosome.

9. Segement of DNA that codes for protein or a trait.

10. Building blocks of proteins; taken to the ribosomes by tRNA.

11. Macromolecules like DNA and RNA; made of nucleotides.

12. Building blocks of nucleic acids; made of sugar, phospate, and nitrogen base.

13. Part of nucleotide that holds the genetic code; A, T, G, C.

14. Takes place in nucleus where code from DNA is made into mRNA.

15. Takes place in the cytoplasmat the ribosome and code from mRNA is made into protein.

16. Fancy name for "making protein"; takes place at ribosome.

17. 3 nucleotides of mRNA that code for one amino acid.

18. 3 nucleotides of tRNA that match up with mRNA and bring along an amino acid.

A. tRNA

B. Transcription

C. Protein synthensis

D. Gene

E. Protein

F. DNA

G. mRNA

H. Anticodon

I. Ribosome

J. rRNA

K. Amino acids

L. Translation

M. Codon

N. Nucleic acid

O. Nucleus

P. Nitrogen base

Q. Ctyoplasm

R. Nucleotide