

DNA/RNA Round Robin Review Game

Questions for Protein Synthesis Round Robin	Answer
1. When DNA copies itself – this is called?	1. Replication
2. Name one person who has a gray shirt/top on today.	2.
3. What is on the bottom of a tRNA molecule?	3. Anticodon
4. How many nucleotides are in a codon?	4. three
5. Name the enzyme that functions during protein synthesis.	5. RNA polymerase
6. What is the first step of Protein Synthesis?	6. Transcription
7. What is the second step of Protein Synthesis?	7. Translation
8. What room number is this room?	8. 231
9. mRNA is complimentary to a _____ molecule/structure?	9. tRNA
10. What base is only in RNA?	10. Uracil
11. What is the BBB of a single stranded nucleic acid?	11. nucleotide
12. What is the mRNA strand of TTAAACCCGGG	12. AAA UUU GGG CCC
13. What shape is a purine?	13. 2 ringed
14. Name the sugar in DNA. <i>KGHS</i>	14. Deoxyribose
15. Name one person in class with has MYHS spirit-wear on today.	15.
16. Name the one of the bases that is a purine.	16. Adenine or Guanine
17. Name the one of the bases that is a purine . <i>pyrimidine</i>	17. Thymine or Cytosine
18. What is a hybrid?	18. the heterozygous individual
19. Be specific, when does DNA replication take place?	19. S phase
20. Name the enzyme used to split DNA during replication.	20. DNA helicase
21. What is the base unit of a DNA?	21. nucleotide
22. What is the amino acid for the codon UUU?	22. Phenylalanine
23. What bond forms between two amino acids?	23. Peptide
24. Where does translation take place in a eukaryotic cell?	24. Cytoplasm
25. Name the next holiday?	25.
26. What is the sugar in RNA?	26. Ribose
27. What is my husband's first name?	27. Paul
28. mRNA carries instructions from a DNA to make a _____	28. protein
29. Name the specific place where transcription takes place in a eukaryotic cell.	29. nucleus
30. What is the Anticodon for TGA?	30. UGA