

Name:

Date:

Period:

Biology: DNA Vocabulary

Create definitions for these terms using your own words. Use the glossary and index to help you out.

1. DNA: deoxyribonucleic acid
2. RNA: ribonucleic acid
3. mRNA
4. tRNA
5. rRNA
6. gene
7. chromosome
8. complementary
9. nucleotide
10. nitrogenous base
11. base pairing rules (Chargaff's Rules)
12. phosphate
13. adenine
14. cytosine
15. thymine
16. guanine
17. uracil
18. deoxyribose
19. ribose
20. amino acid
21. polypeptide chain
22. codon
23. transcription
24. translation
25. protein synthesis
26. mutation
27. mutagen
28. radiation
29. point mutation
30. frame shift mutation
31. insertion
32. deletion
33. substitution
34. synthesis

Know what important contributions these people made to our understanding of DNA.

35. Rosalind Franklin
36. James Watson
37. Francis Crick