

Name :

Date :

RNA & GENETICS QUICK QUIZ

Fill in each blank using a word from the word bank.
Test how well you understand the basics of RNA and how it works in genetics!

Word Bank			
RNA	amino acid	base	tRNA
DNA	mRNA	cytoplasm	cytosine
protein	nucleus	codon	translation
uracil	gene	adenine	transcription
anticodon	guanine	rRNA	ribosome

1. RNA is made during _____.
2. Proteins are made during _____.
3. _____ carries the genetic message.
4. _____ brings amino acids to the ribosome.
5. The _____ helps assemble proteins.
6. RNA is made in the _____.
7. Proteins are made in the _____.
8. A small unit of heredity is a _____.
9. The three-letter code on mRNA is called a _____.
10. The matching part on tRNA is called an _____.
11. A building block of proteins is an _____.
12. A complete _____ is made from amino acids.
13. In RNA, adenine pairs with _____.
14. In RNA, cytosine pairs with _____.
15. RNA stands for ribonucleic _____.
16. DNA stands for deoxyribonucleic _____.
17. _____ replaces thymine in RNA.
18. The base A stands for _____.
19. The base G stands for _____.
20. The base C stands for _____.