Name: ____________________
per. _____

Transcribe this Gene into mRNA:

TAC TAG GGC CTG CCA ATA ATG GCA ACG TGA CAT GAG

Complete each statement.

15. Proteins are made in the cytoplasm of a cell, whereas DNA is found only in the

____________________ .

16. The process of making RNA from DNA is called ____________________ .

17. The process of transcription is similar to the process of DNA ____________________ .

18. ____________________ carries information from the DNA in the nucleus out into the cytoplasm of the cell.

19. mRNA carries the information for making proteins to the ____________________ .

In your textbook, read about translation from mRNA to protein.

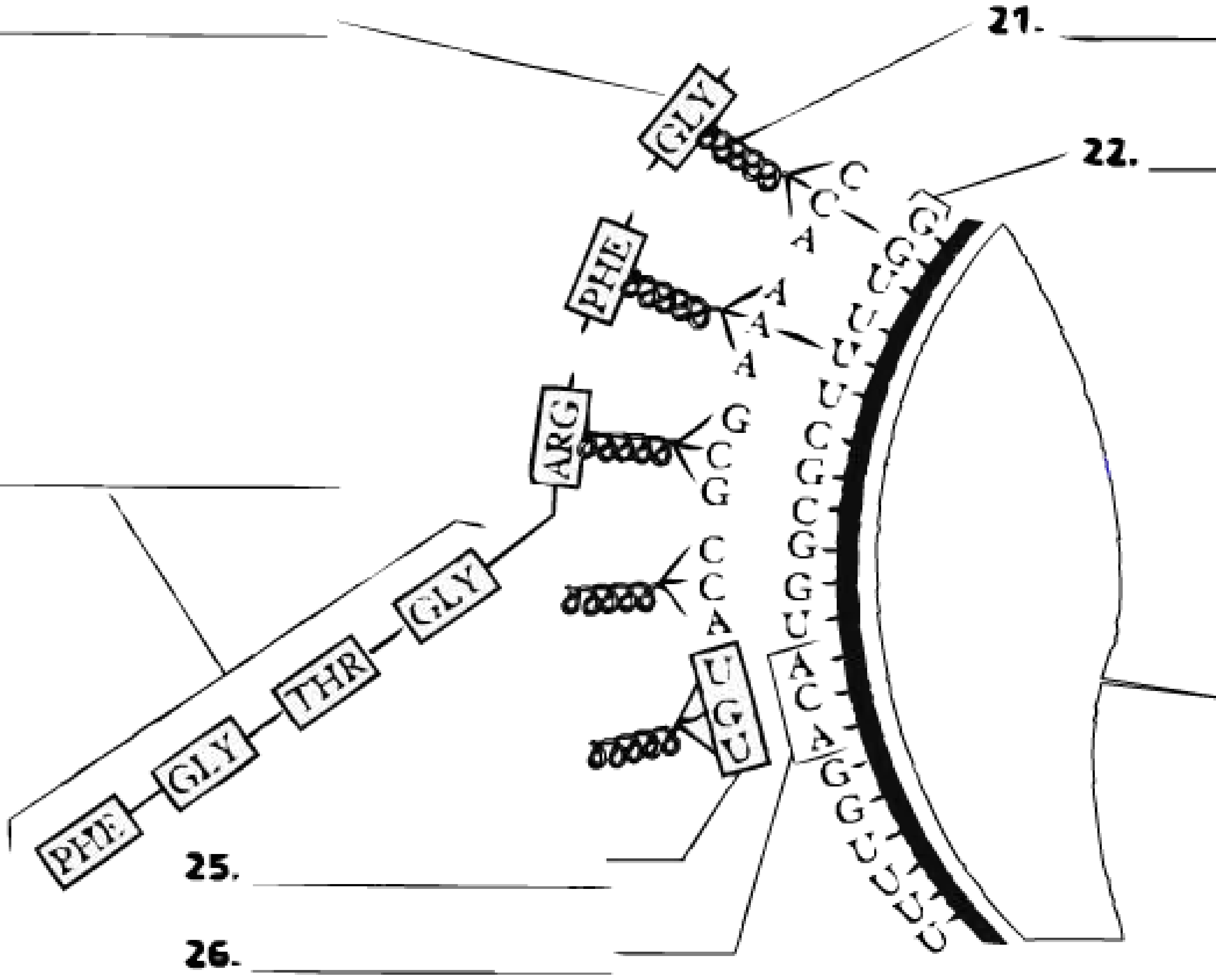
Label the diagram. Use these choices: transfer RNA (tRNA), amino acid, amino acid chain, codon, anticodon, messenger RNA (mRNA), ribosome.

20. ____________________

21. ____________________

22. ____________________

23. ____________________



24. ____________________

25. ____________________

26. ____________________