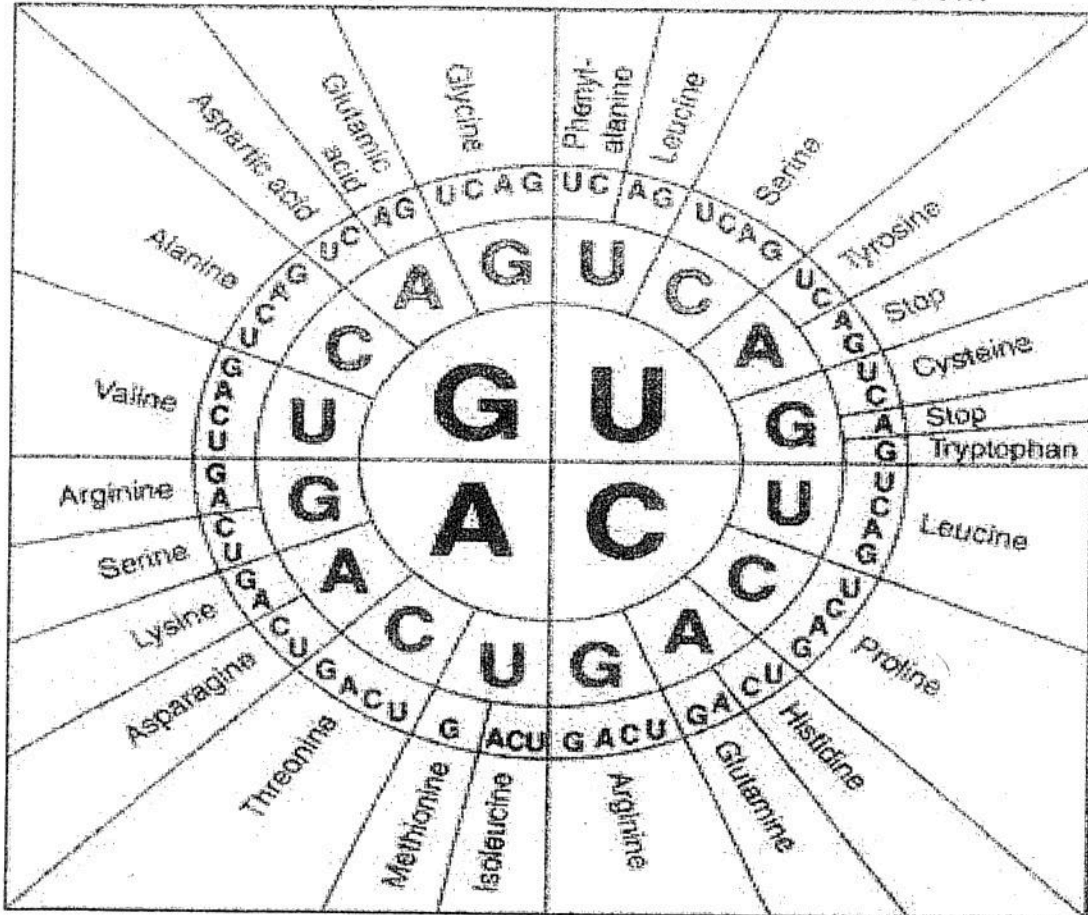


Codon Worksheet

Use the circular codon table to complete the DNA triplets, mRNA codons, tRNA anticodons, and amino acids in the table below.



DNA triplet	mRNA codon	tRNA anticodon	Amino Acid
	AAG		
GGC			
	CAG		
AAA		UUA	
GTA			
		CUC	
	ACA		
TAT			
	AGC		
		AUU	
CCA			
		GGC	

Questions:

1. What 3 codons act as termination signals?
2. What codon means start?
3. List ALL of the codons for leucine.

Name ALL the codons for these amino acids:

4. Phenylalanine -

5. Serine -

6. Isoleucine -

7. Valine -

9. Glycine -

10. Alanine -

11. If the DNA sequence is --- AAA TAT CCG TAG CAA ATG, write the mRNA sequence, tRNA anticodon sequence, and the six amino acids for this.

DNA: AAA TAT CCG TAG CAA ATG

mRNA:

tRNA:

Amino acids: