Notes Outline: Genetics

Protein Synthesis

RNA: the Other nucleic acid....

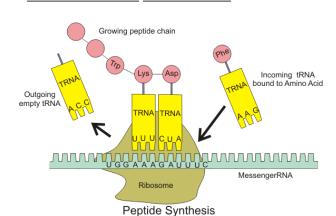
		bases ()			
0	Subunit:	- 	(sug	ar, phosphate	& nitrogenou	s base)
0		stra	nded oi	the cell		
0						
3 Тур о	es of RNA					
	1	M-1	RNA ()	- C	& takes that copy out
	а		or a and			& takes that copy out
			bases	messenger RNA	ing strand	
	2	. Reads the	,)		
	a					
		. Puts	in	the correct o	rder (process o	of)
	a					

 ${\tt Codon\,1\ Codon\,2\ Codon\,3\ Codon\,4\ Codon\,5\ Codon\,6\ Codon\,7}$

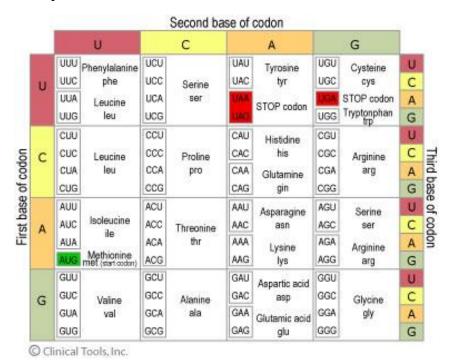
Alanine Threonine Glutamate Leucine Arginine Serine

Codon

Aminoacid



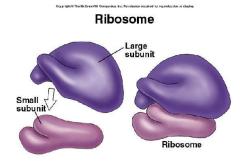
iii. You can use the chart to determine which amino acid is represented by a particular mRNA codon

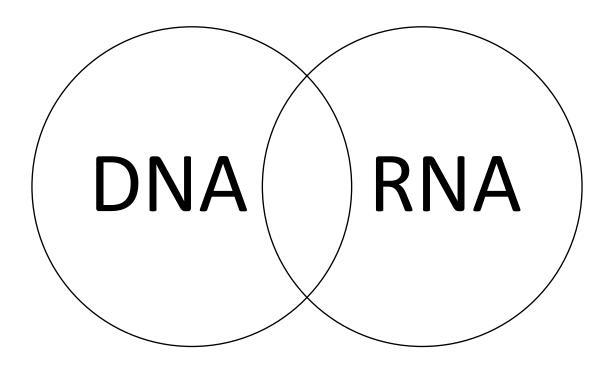


3. _____RNA (

a. _____ the amino acids together to form _____

b. Make _____ (have a ____ and ___ subunit)





Protein Synthesis

•	The	_ by which	_ are made.
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•	Overview	of the	Steps	of Pro	tein S	vnthesis	3:

1.		makes a	of a segment of		
			•	essage to a	
			•	molecules (anticod	
			in the cor		
5.		binds the amino	acids together with a _	bonebone	d & the amino acids
		from the	tRNA molecule to form	m a	
mRNA	Ribosom	mino acid nain (Protein)		A G C U G A C C U A G G A U C C A Leu Ala Asp Leu	C G G A C A A
2 Proc	esses to KNO	OW .		newly synthesized amino acid chain	incoming tRNA carrying an amino acid

1. ______ of _____ of _____

2. ______ rocess where _____ translates the _____ message into the _____ of proteins (______).