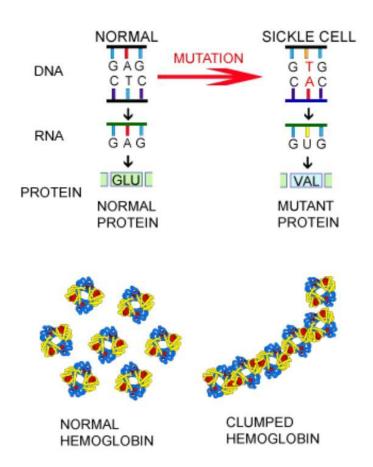
<u>Translation</u> : Using mRN	A to Make Proteins!
Transcription recap:	
• DNA	
• mRNA	
Translation PROCESS:	
• mRNA	
A new contender enters:	works inside the ribosome to
• tRNA	
■ Each group of THREE nucleotides is called a	
■ Each codon	
■ The tRNA tells the	
Translation PURPOSE:	
As tRNA reads new codons, the ribosome uses more a	amino acids
Amino Acids & Proteins	
• There are	·
• These 20 AA's can be	·
The many different proteins are used to	
Proteins can	
Without the correct proteins	

Name ______ Block _____ Date _____

Name		Block	Date	
<u>Exam</u> ı	ole protein & function:			
1.	Hemoglobin:			
When	hemoglobin is "misfolded"			

Example: The hemoglobin protein folded normally VS. folded abnormally:



The above picture shows the creation of hemoglobin, starting the DNA transcription.

What differences in the journey to become a protein do you notice between the "NORMAL" hemoglobin and the "SICKLE CELL" hemoglobin?